

AMERICAN POULTRY WORLD

MARCH 1912

Vol. III

No. 5

INDUSTRY

PROGRESS

ECONOMY

AMERICAN POULTRY PUBLISHING COMPANY
BUFFALO, N.Y., U.S.A.

AMERICAN POULTRY WORLD

Published the First of Each Month by the
AMERICAN POULTRY PUBLISHING
COMPANY

158 Pearl St., BUFFALO, N. Y.

President GRANT M. CURTIS
Vice-President WILLIAM C. DENNY
Secretary-Treasurer L. M. AVISE

SUBSCRIPTIONS

Fifty cents per year in advance. Five cents per copy. Ten cents per back number.

FOREIGN, one dollar per year. Canada seventy-five cents. Ten cents per copy.

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American Poultry Publishing Company

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42,000 FOR MARCH, 1912

E. D. Corson, Secretary-Treasurer of the Corson Manufacturing Co., printers and binders, being first duly sworn, states that that company has a contract for and is printing and binding forty-two thousand (42,000) copies of the March, 1912, number of the AMERICAN POULTRY WORLD.

E. D. CORSON.

C. B. KOON, Commissioner of Deeds.

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Get Copy for Advertisements in Early

ALL advertisers are requested to send copy for advertisements to this office as early as possible. We again call attention of advertisers to the fact that all who desire to make changes in their advertisements MUST SEND NOTICE TO REACH THIS OFFICE BY THE FIFTH OF THE MONTH AND ALL ADVERTISING COPY MUST BE RECEIVED NOT LATER THAN THE TWENTIETH OF THE MONTH PRECEDING DATE OF ISSUE.



IMPROVED CHAMPION STRAIN SILVER AND GOLDEN CAMPINES

The living egg machines of large white eggs and the most noted utility and exhibition strain in the world. Write for my art catalogue on CAMPINEOLOGY containing a beautiful color plate of a Pair of Golden and Silver Campines, also history, description and CAMPINE Standard, the classiest work attempted on this wonderful and profitable breed of fowl, up-to-date and it is free to those truly interested.

J. FRED N. KENNEDY,

Box B, BIRCH CLIFF, ONTARIO, CANADA



The extraordinary severe weather that has prevailed since the first of the year has made the work and difficulties of poultry keeping a harder task than usual. Weather that goes to 32 degrees below zero is not the kind in which poultry will do their best. Frozen combs have ruined male birds for breeding purposes for the present season, as well as for exhibition. These conditions bring up many housing problems, and the old question of "what is the best style of house" arises. We want readers of A. P. W. to send us the results of their experience on this question.

Two other important questions present themselves. How to provide for shade for young and old stock; and the kind and best methods of growing green food for summer use.

Poultry raising is carried on in many locations where there is a lack of natural shade, and also where green food has to be supplied from artificial sources. How these conditions may be overcome, and what methods are to be pursued to furnish both shade and green food, each of which are so essential to the successful raising of poultry, are subjects of great importance upon which we would be pleased to have our readers write their experiences.

In this month's issue will be found the interesting article on "Poultry on the Farm and in the Back-yard" by Geo. A. Cosgrove. For years Mr. Cosgrove has been recognized as one of the foremost and most able writers on practical poultry raising. His life time experience in raising poultry on the farm and as a lecturer at Farmer's Institutes has given him an opportunity to obtain a clear insight on the subject. Not every one who has had the experience has the ability to write and express it in an intelligent and helpful manner, but Mr. Cosgrove is not of this class.

Last month F. W. Proctor's excellent article on "Sex Difference in Barred Rock Color", attracted wide attention from breeders and judges. This month he has furnished another article, "The Barred Rock and the Standard," that is equally interesting. It is sure to be read and prove of benefit to breeders of all the Plymouth Rock varieties, the Barred variety in particular.

Those who have just started or are about to enter the poultry business will find the article "Were I to Start in the Poultry Business" by Fred C. Gabriel, one of the best straight-forward talks on the problems that confront the beginner, that has been published. It will prove interesting to both the beginner, and experienced poultry raiser.

J. Courtney Punderford, owner of the well known Monmouth Farms contributes another of his interesting articles, "Breeding S. C. Buff Leghorns." Mr. Punderford handles the subject thoroughly. He tells of the five essentials to success in breeding poultry and then explains how success may be attained.

"The Combs of Fowls as Breed Characteristics," is another of J. H. Drevenstedt's able contributions to poultry literature. In his article Mr. Drevenstedt suggests reasons why the type of comb should be accepted as a breed characteristic. The article affords considerable food for thought and should be read by those intent on increasing the number of varieties simply by changing the style of comb.

How many poultrymen can tell of the purpose or use of the comb and wattles. Those who do not know will find the article by Dr. Pearl on "The Functions of the Comb and Wattles," a source of information and interest.

Other articles by Joe Coleman and Geo. W. Tracey, western and eastern field representatives of A. P. W. and the contributions by Rev. E. Lewis Jones, Secretary of the English Campine Club and Arthur A. Fleming, Secretary of the Barred Plymouth Rock Club, both of England, will prove interesting and helpful reading. Messrs. Fleming and Jones attended the recent New York Show and write of the impressions that that leader of all poultry shows made upon them.

The beginner is often confronted with many problems that are hard to solve, and for lack of knowledge his progress is often retarded. In our library of popular poultry publications are several books designed especially to meet the beginners requirements, to explain in simple terms the very things that to him or her have been a stumbling block. First among these is Successful Poultry Keeping. This book contains new and valuable information on all branches of poultry keeping—a ready text book for the beginner, 176 pages 9x12, and will be sent post-paid upon receipt of \$1.00, or with a year's subscription to A. P. W. for \$1.25. Next comes Artificial Incubation and Brooding, a book covering thoroughly all the perplexing questions that arise in connection with the operation of incubators or brooders; a book that will be found indispensable to beginner and professional breeder alike, if they desire to secure the maximum results in their work with incubator and brooder. The Chick Book will also be of great assistance to those who contemplate the raising of poultry. It tells in a very concise manner how to care for the little fellows from the time they are hatched until maturity, it also contains much other instructive and valuable information, covering both the natural and artificial methods of rearing chicks. Either of these books may be had post-paid upon receipt of 50c or the two books with A. P. W. one year for \$1.25.

Monmouth S. C. Buff and White Leghorns

The Acknowledged Dual Purpose Fowl of the Day—Exhibition and Utility.

FIRST—Monmouth Leghorns have won the highest honors the country over during the past season both in our hands and those of our customers. |

SECOND—Monmouth Leghorns for the past five years have made Leghorn history at Madison Square Garden, New York.

THIRD—Monmouth Leghorns have laid and are laying the Golden Egg both for us and our customers.

FOURTH—Monmouth Leghorns have demonstrated to the high class New York Hotels that they are the best broilers on the market.

FIFTH—Monmouth Leghorns have the blood lines, strength and vitality back of them.

Send for our beautiful 1912 Catalog and Mating List which gives you full information on the above subjects, and what breeders and fanciers, North, South, East and west, say of our strain. Also the expert opinion of two of New York's most noted stewards on the utility qualities of *Monmouth Leghorns*.

Originators of the MONMOUTH STRAIN of S. C. BUFF and WHITE LEGHORNS

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Freneau, Mon. Co., N. J.

ROBT. T. DODDS, Supt.



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THE QUALITY KIND

EGGS FOR HATCHING. MATING LIST READY.

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20 Page Handsome Catalog Free.

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Have a reputation and a standard of their own. None better bred. For the past five years our strain of Orpingtons have been of a sterling quality. Making phenomenal wins at Philadelphia, winning 5 firsts, 4 seconds, 3 thirds, 2 fourths. In addition to this our Black and White Orpingtons have won Silver Cups, Blue Ribbons and Red Ribbons at Madison Square Garden and Baltimore in the past season. Now is the time to buy your breeding birds. Are you thinking about hatching eggs to produce silver cup and blue ribbon winners for next season? If so, write for my prices. Choicest stock eggs for hatching and valuable information regarding the famous Congo strain cheerfully furnished, and should be in the hands of every Orpington breeder.

F. E. GILBERT, The Congo man, Box 3. LANSDOWNE, PA.

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Our S. C. White Leghorns are bred from the best blood lines in the country. They are heavy winter layers and are mated to produce even better youngsters than their sires. We have started our Mammoth Incubator and are booking orders for day-old chicks.

EGGS	EGGS	EGGS	CHICKS	CHICKS	CHICKS
\$1.50 to \$2.00 per setting.	\$7.00 and \$8.00 per hundred.		\$5.00 per 25	\$8.00 per 50	\$15.00 per 100
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Undisputed Champions Of The World

At the same show held in 1908, they won every first, shape and color special on Rose Comb Rhode Island Reds, record never equalled by any other exhibitor of this variety. At Madison Square Garden, New York, Show of 1910, they won the New York Association specials for best display in both Rose and Single Combs.

One Thing Certain

My winnings at America's Greatest Shows, including Madison Square, Boston and Chicago, have never been approached nor equalled. My birds have met and defeated "the best of birds" owned by the leading breeders from the north, south, east and west. Not only do they win for me, but for my customers also in every state in the Union and foreign countries.

There is hardly any show of importance but that you will find the winners have Tompkins blood.

You Must Have Tompkins' Strain To Win

My 1911 matings represent the greatest and strongest matings that were ever bred, and from these matings the Blue Ribbon winners of America's Great Shows will be raised. From a setting of eggs from my best matings you can get the same chance that I do in raising the famous winners for next season's show.

First Pen for Six Consecutive Years at Madison Square Garden, New York

EGGS!	EGGS!	EGGS!	EGGS!	EGGS!
\$5.00 per setting 2 settings, \$8.00 3 settings, \$10.00	\$10.00 per setting Straight \$50 per 100	\$20.00 per setting Champion Matings	\$25.00 per setting Champion Matings	

Grand Champion Mating, the strongest and best mating of Rhode Island Reds in the world, \$50.00 per setting. Send for Mating List. Hundreds of Great Birds for sale.

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CONCORD, MASS.

SIBLEY'S R. C. RHODE ISLAND REDS

(BIRDS OF KNOWN BLOOD LINES)



Hoosier Boy



Miss Red Bird

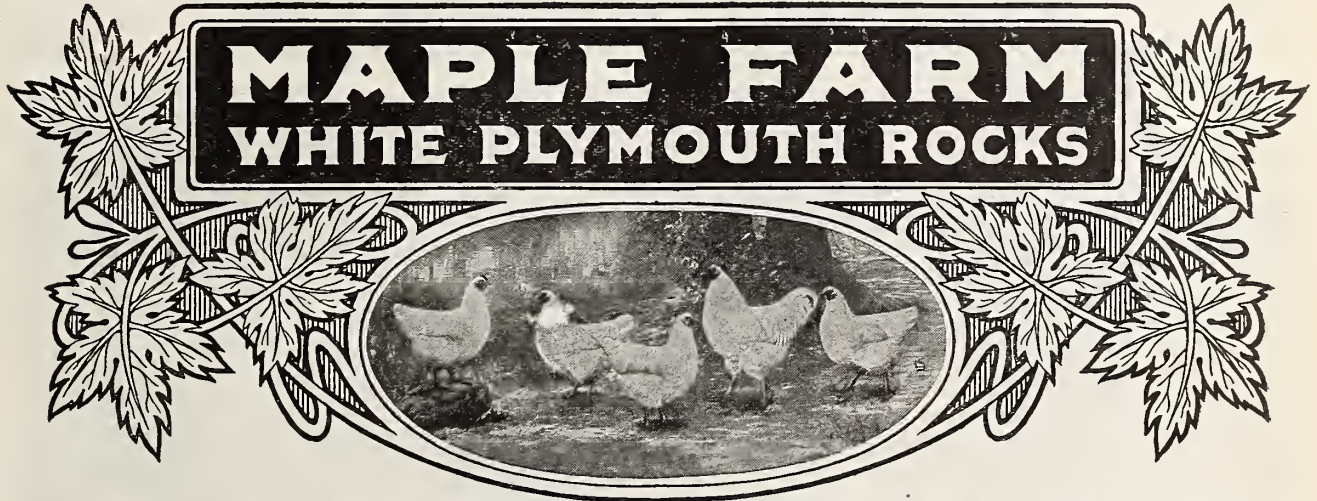
Largest prize winners at Chicago, 1906-07-08-09-10-11. In competition with most prominent breeders from the East and West. At the Chicago Show, December, 1911, we won: 1st Old Pen, 4th Young Pen, 1st Hen, 2d Cock, 5th Cockerel. Every bird exhibited by us was raised by us, on our own yards and from eggs from our own pens. GREAT KENTUCKY STATE SHOW, JANUARY, 1912—The South's Hot Bed of Quality Reds, in one of the best and strongest classes of Rose Combs ever brought together in the south, we won 2d and 3d cock, 1st and 4th hen, 1st and 3d cockerel, 4th pullet, shape special on male, color special on female. The Gordon cup for best Red in show. Did not exhibit pens at this show.

Our Mating Circular will be sent on request.

IRVING A. & FRANK C. SIBLEY,

Box A,

SOUTH BEND, IND.



YOU WILL GET THE RESULTS

You are looking for when you buy a setting of EGGS from our Prize Winners of

WHITE PLYMOUTH ROCKS

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CHICAGO WINNERS Of Second and Third Pens and Third Cock in our Pens

EGGS FOR HATCHING—We have mated up 25 grand Pens containing these Prize Winners and hundreds of other fine birds of wonderful evenness of type. These specimens of proven exhibition quality and blood lines of strength, vitality and utility, will help you to improve your flock. We will sell eggs from any and all pens without reserve. In addition to the great number of Prize Winning Show Birds that we have in our pens, we have just recently acquired the entire flock of Dr. S. R. Harrison of Shelby, Ohio, together with his winners and winnings at Cleveland and Ohio State Show, Columbus, 1912. We have a few grand males and females, either young or old, for sale and also a few utility birds. You will find our prices very consistent with quality and blood lines. Correspondence invited. "Send for the most artistic mating list of White Rocks ever published—it's Free.

Henry Frank Jr.,
Supt. Poultry Farm
BOX 36

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Charles D. Ettinger,
Proprietor
TINLEY PARK, ILL.



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Mrs. M. J. Clifton of Oklahoma, winner in the 1910 Successful Farming Contest by hatching 140 chicks from 140 eggs, 100% perfect.



Mrs. H. F. Osman of Ohio won the "Tyco's" Cup offered participants in contest by manufacturers of Tyco's Thermometers.



Mrs. Laura J. Clark, of Illinois was a winner in the Missouri Valley Farmer and Nebraska Farm Journal great 1911 contest hatching 140 chicks from 140 eggs.



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\$755 Puts You In The Championship Class

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"To Whom It May Concern: Jim Rohan, President of the Belle City Incubator Company is one of our depositors—perfectly reliable in every way, and people are perfectly safe in ordering his incubators and brooders from his advertisements, sending money in advance, as we have known him for years and know he will fulfill all agreements."
Signed C. R. Carpenter, Cashier.

I refer you to any other bank or express company in Racine, any commercial agency and all the leading agricultural and poultry papers with whom I have advertised for years.

And remember, I guarantee to refund your money if you are not satisfied with your Home Test. Think it over. If you feel like sending your order from this advertisement, read my description which tells you what you get for your money.

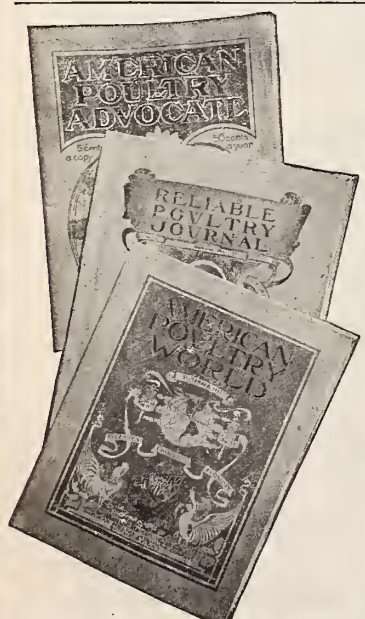
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I Guarantee Shipments Day Order Is Received From Buffalo, Kansas City, St. Paul or Racine

Incubator and Brooder \$11.50
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Splendid Clubbing Offer for the Big Three



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 conditions. Dip the eggs in Zenoleum and Prevent white
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 Powder, at dealers,
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A CARBOLIC, CRESOL, COAL-TAR PREPARATION
 A Disinfectant that won't Poison, won't Explode, won't Burn

A single quart will rid 100 hens of lice, mites and germ filth—it cures and prevents all ordinary
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 your poultry's health and your own profits.

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I Have TWO VERY SPECIAL MATINGS to offer this Season

ONE consisting of PRINCE LADDIE,
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 three nieces and three second cous-
 ins—seven as perfect females as
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 and all practically one identical
 type. \$5,000 could not buy this
 pen.

EGGS FROM THIS PEN, \$30 SETTING
 OF 13 EGGS, OR \$2.50 PER EGG.

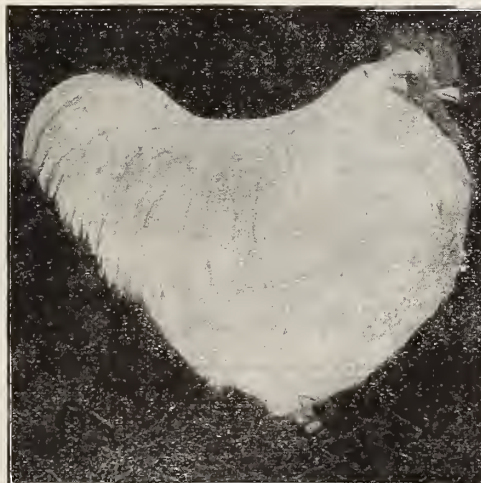
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 Vixen and three of Laddie Tramp's
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 ond to none and this pen was our
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I REFUSED TO SELL SETTINGS from
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Value \$2,000. Bred and owned by Archwood Yards.
 Absolutely white and stay white. [Weight 13
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The birds in these pens not only
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 years of endeavor. I believe that
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Consisting of my very best birds
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 vidual points, but also relative to
 their line of blood. EGGS FROM
 THESE PENS I will sell at \$10
 straight, setting of 13 eggs, or \$1
 per egg. From these pens I can
 select pens that are especially
 strong in certain points or sections
 and will sell eggs accordingly;
 otherwise a setting will consist of
 run of pens. Every bird in these
 pens is ABSOLUTELY WHITE AND
 STAY WHITE, with the greatest

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Our Last Victory



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Our birds have won as many firsts at this great show in the last two years as all competitors combined.

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Buff and Blue

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Many Years of Skilled Labor and Thousands of Dollars Have Been Spent in Producing and Perfecting the "Sunswick Strain" of Orpingtons. Hatching Eggs now ready at \$20, \$10 and \$5 per setting.

1912

Our mated pens for 1912 will include this season's winners 14 Blue Ribbon Birds, Allentown, Pa., - 13 Blue Ribbon Birds, Augusta, Ga., 8 Blue Ribbon Birds, The Garden, New York. 16 Blue Ribbon Birds, Indianapolis, Ind.

Thousands of Breeding Birds at Special Prices.

SUNSWICK BIRDS ARE SCIENTIFICALLY LINE BRED, AND THEIR HATCHES CAN BE RELIED UPON.

Write at once. Do not delay. Orders are Rushing. Send for Free Catalog & Mating List They are Interesting.

WE BREED ALL OF OUR CHAMPIONS, AND SO CAN YOU, IF YOU HATCH FROM SUNSWICK EGGS

EXHIBITION BIRDS, BREEDING BIRDS, HATCHING EGGS, ALL WAIT YOUR ORDERS.

VISITORS ALWAYS WELCOME

BRADY'S WINNING WHITE ORPINGTONS



"LADY OF QUALITY"

TO GO

275 selected breeding cockerels at the special price of \$10.00 each. They are rich values. Let me start you with a trio of my Crystal White Orpingtons at \$25.00, mated to produce best results. Shipped on approval.

My Catalogue is Free. Send for one and write me what you need.

J. S. BRADY,

Box W,

PARKERS LANDING, PA.

Wisconsin Victorious—Winners in 2 Big Hatching Contests

Mrs. Jerry McMahon, Veedersberg, Ind., wins in 1910 Missouri Valley Farmer Contest, and Mr. C. B. Armitage, Atwater, Ohio, wins in Successful Farming 1911 Contest. Read their wonderful records below which prove beyond question that the Famous Wisconsin machines are the BEST FOR THE MONEY IN THE WORLD.

FIRST CONTEST Mrs. Jerry McMahon, Veedersberg, Ind., with a 125-Egg Wisconsin Incubator, hatched 125 chicks from 125 eggs in the 1910 Big Hatching Contest, held by Missouri Valley Farmer, making her one of three Prize Winning contestants with over a thousand competing. (Sworn Statement)

SECOND CONTEST Mr. C. B. Armitage, Atwater, Ohio, hatched 183 chicks from 88 fertile eggs, and 93 chicks from 93 eggs in the 1911 Contest, held by Successful Farming, with his 125-Egg Wisconsin Incubator, making 100% hatches. The highest hatches of any machine entered in the contest with two hatches.

If you want to get results like these, why take chances—get a pair of these unbeatable machines—you can't go wrong.

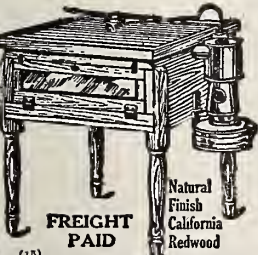
125-Egg Wisconsin Incubator and Brooder Both for \$10

Freight Prepaid East of Rockies

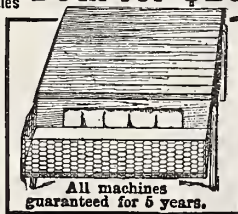
I Ship on 30 Days' Trial You have ample time to test them out and if not completely satisfied you can send them back at my expense. Out of the thousands I ship every year if I told you how few ever come back I doubt if you would believe me. Ask the publishers of this paper as to my responsibility. In addition to this offer my machines are

Guaranteed 5 Years Just think of it! Does it not stand to reason that I must have machines of exceptional merit to put them out on thirty days' trial—guarantee them five years and sell them for about \$5.00 less than others charge for machines of less quality? Now read my brief description, then the "Proof in a Nutshell" and the letters from a few who speak from experience.

The Wisconsin Incubator is hot water type, has double side walls with dead air space between; top has three walls; large double glass doors; copper tank and boiler; roomy nursery beneath egg tray; self-regulating; made of high grade California Redwood, stained and varnished so you can see quality of lumber (not painted to cover up cheap timber), turned legs, completing a machine that has no equal at anywhere near the price. The brooder is a roomy, well made, properly heated and ventilated machine. Fitted with hover, oil lamp and wire scratching yard as illustrated. Both machines complete—set up, ready to use with Taylor "Lycos" thermometers, O. K. burners, safety oil lamps, egg tester—everything but the oil—all for only \$10.00. If you don't wish to order direct from this advertisement—don't buy until you send for my 1911 Free Catalog. Write for a copy today.



Natural Finish California Redwood
FREIGHT PAID



All machines guaranteed for 5 years.

Wisconsin Incubator Co., Box 59, Racine, Wis.—THOS. J. COLLIER, Mgr.

Wisconsin Incubator Co. Grass Lake, Mich.
Dear Sirs—I have taken off four hatches with my Wisconsin incubator. I got three 100 per cent hatches and one 99 per cent hatch. From the first three hatches I got 115 chicks from 115 eggs; 106 chicks from 105 eggs, and 109 chicks from 109 eggs. No incubator on earth can beat that. I will send you this statement and prove it.
A. JESSUP, Rt. No. 3.

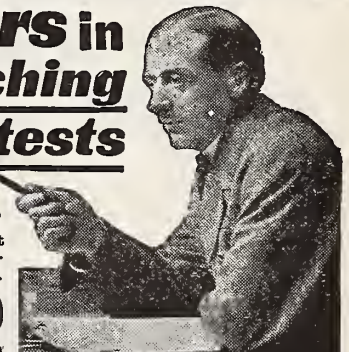
Wisconsin Incubator Co. Odessa, Mo.
Gentlemen—Your incubator is a jewel. We have seen several incubators in operation and none have equalled the Wisconsin. Through six hatches that spring we never averaged less than 90 per cent.
H. S. REDDICK.



Sectional View

Wisconsin Incubator Co. Vicksy, Ohio.
Dear Sirs—I am well pleased with your incubator. After I had taken off one hatch, I could have sold it to several of my neighbors but I did not want to sell it. With the first hatch I got 97 chicks from 100 eggs.
MARY M. STULL.

Wisconsin Incubator Co. Ripley, Tenn.
Gentlemen—The Wisconsin Incubator has proved more than satisfactory. From my first hatch I got 98 chicks from 110 eggs. I am glad I purchased a Wisconsin incubator and brooder, for \$10.00, instead of the higher priced machines.
M. A. GILLESPIE.

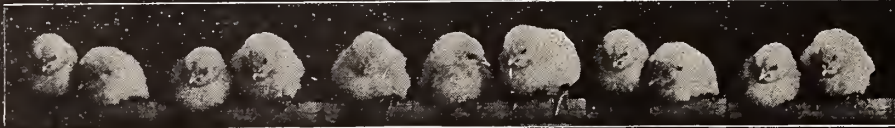


Proof in a Nutshell

Here are a few comparisons or "proofs" that will help you to avoid making a mistake in deciding which machines to buy:

- 1st** The Wisconsin has double walls with dead air space, a decided advantage. Some have no dead air space.
- 2nd** Egg chamber in the Wisconsin is fully ten inches deep. Some to cheapen cost of making are scant eight inches deep.
- 3rd** This makes the nursery less than two inches and too shallow for little chicks. In the Wisconsin the nursery is 3 inches deep.
- 4th** In the Wisconsin there is plenty of room between the egg tray and the door for the chicks to get in the nursery. In some incubators you have to open the door in order to put the chicks in the nursery.
- 5th** The Wisconsin has large double glass doors through which the thermometer can be easily read. Some have small single glass, making it necessary to open the door to read thermometer.
- 6th** Workmanship and material in the Wisconsin show decidedly of better grade—machine is larger, better finished—superior in every way and sells for less money. If you will make these comparisons—weigh them well, I know you will order my machines and be better pleased, for there are cold facts which actual comparisons have proved.

BABY CHICKS OF QUALITY



WHY? Because we get our yarded exhibition and free range, utility, hatching eggs from our own breeding plant stocked with hundreds of genuine **FISHEL WHITE PLYMOUTH ROCKS** (*The Secret of Winter Eggs*)

genuine because every one of these large, pure white breeding birds each weighing more than Standard weight was either bought direct, this year, or was descended from birds bought direct during the last two years from "Fishelton,"

Because the eggs from these superb breeders will be hatched in my large, coal heated, mammoth incubator with no poisonous lamp fumes to impair the vitality imparted to our chicks by well kept, well bred, breeding stock.

Because healthy breeders and first class incubation produce

Baby Chicks That Have Vitality

and as the light, strong, storm proof boxes in which I ship amply protect in any weather these vigorous chicks during their journey to you so

I Guarantee the Safe Arrival in Good Condition of Every Chick in your Order

These cold days your birds need green food. The cheapest and most convenient form is short cut or mealed alfalfa. We can supply at once bright, green alfalfa in 100 lbs., ton or car load lots. We pay the freight, write us.

Chick orders placed 30-90 days in advance of shipment insure prompt delivery and entitles you to our special discounts which will save you money. Send six cents for our handsome catalogue, it tells you of our chicks and gives discounts.

R. C. CALDWELL,

Box 102-A,

LYNDON, Ross County, OHIO

The Sensation at Boston was the Victory of

DUNE ALPIN POULTRY FARM

On S. C. White Orpingtons

S. C. White Leghorns



At Boston this Farm won on nine entries of White Leghorns—1st cock, 1st hen, 1st, 3rd cockerel, 1st pen and 4th pullet. On nine entries of White Orpingtons—1st cock, 1st, 3rd hen, 1st, 2nd cockerel, 1st, 5th pullet and 3rd pen.

These regular prizes and fourteen specials and silver cup for the best Orpington (any variety) in the show, with our great winning at Grand Central Palace, New York, in December, place our birds easy leaders in the great show rooms this season.

At Grand Central Palace Show in December, 1911, we won on White Leghorns, 3 firsts, 3 seconds, 3 thirds, 3 fourths, 3 fifths, 14 specials, 3 silver cups and medal for best bird in the Mediterranean classes. On White Orpingtons, 3 firsts, 3 seconds, 2 thirds, 1 fifth, silver cup for best display and special for best White Orpington male.

Some excellent breeding cockerels and eggs for hatching. New catalogue and mating list sent free on request.

Dune Alpin Poultry Farm, Geo. J. Kerr, Mgr.,

Box 561-R,

East Hampton, N. Y.



WHITE ORPINGTONS

THE KIND THAT WINS

Would you like to raise winners for the Fall Shows from one of the best flocks of White Orpingtons in the world?

If so place your order with us now for stock or eggs. Write for free catalogue giving full description of our plant, stock, methods, winnings and matings. Thirty-four

ribbons in five of the strongest shows in the United States this season, including the big Chicago Show and the National White Orpington Club Meet at Indianapolis, February 5-9, where we carried off ten ribbons and eight of the coveted silver cups. 500 grand birds to select from. 15 Pens Mated.



ROGERS POULTRY FARM,
2215 Easlim Ave., CINCINNATI, OHIO

50,000 BABY CHICKS!

50,000 Single Comb White Leghorn Chicks! And every one hatched under ideal conditions—every one a vigorous, healthy, livable, strongly bred chick. They are destined to make great birds; the mother of every one of them laid more than 175 eggs in her pullet year; most of them laid more than 200 eggs! If you want eggs next fall and winter pick your layers from this lot of youngsters. Our hens have had the habit of laying for many generations. The pullets you get from these 50,000 chicks will be like their mothers. They are bred and hatched on a dollar and cents basis. Utility is our measure of a hen's worth. Every chick is from this heavy laying strain. "Drones" cannot be tolerated, and are not. They would ruin us. We use over 250 trap nests and know exactly what our layers are doing. Let us tell you about

THE PEERLESS FARMS

How They Hatch and Raise Chicks That Make Better Hens Than Any Others

Our hens are kept healthy; they are properly fed. Their eggs are fertile. They are big egg producers. Therefore, to start with, the eggs contain the possibility of the kind of chicks you want. Perfect conditions of incubation are maintained so that the chicks come out of the eggs ready to live, and do so at a profit to their owners.

The moisture and ventilation of our incubator cellar is under positive control. By the use of the U. S. Weather Bureau Standard Psychrometer we know the exact moisture condition every minute. We do no guessing. The ventilation is forced, and, like the moisture, is exactly maintained at the most favorable state at all times.

Buy day old chicks from the Peerless Flock. They are the best you can buy or hatch. Don't try hatching your own chicks until you have established your flock on a Peerless foundation. It will pay you to do so. We are making money. We can help you to do the same. We have a money-making strain of a money-making breed.

Let us tell you more about Peerless chicks. Write today for new booklet. It's worth having.

THE PEERLESS FARMS

Alden I. Rosbrook, Prop.

R. F. D. 5

Northport, Long Island, N. Y.



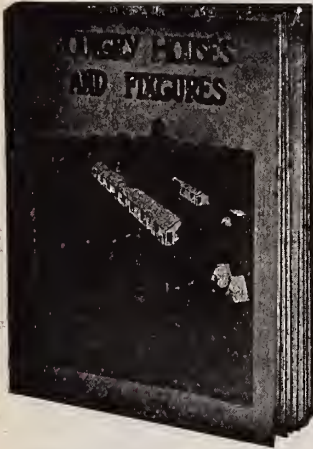
POULTRY HOUSES & FIXTURES

SEVENTH EDITION. REVISED AND ENLARGED. DOWN-TO-DATE

STANDARD WORK ON POULTRY HOUSE CONSTRUCTION

James E. Rice, Professor of Poultry Husbandry, Cornell University, Ithaca, N. Y., states: "'Poultry Houses and Fixtures' is the best work yet written on the subject. I shall recommend it to our students as a text book on the subject of poultry houses."

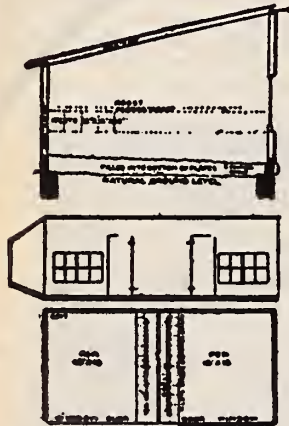
COMPLETE PLANS FOR PRACTICAL BUILDINGS AND EQUIPMENT



96 PAGES, 9 x 12 INCHES

Poultry House. A Roosting Coop House. A Cheap Poultry House.

Open-Front Fresh-Air Poultry Houses: Tolman 20th Century Fresh-Air House. Woods' Semi-Monitor Open-Air Type. California Poultry House. Woods' Open-Front House for Southern Breeders. Fresh-Air House for Cold Climate. Open-Front House for City Lot.



Specimen Poultry House Diagram
(Much Reduced.)

PARTIAL CONTENTS OF THE BOOK:

Building a Poultry House: Facts to be Considered by the Poultryman Before Construction. The Influences of Location, Soil and Climate. Full Details of Construction.

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Scratching Shed Houses: Poultry House and Scratching Shed. House for Southern Breeders. Scratching Shed Colony House. Roosting Room and Scratching Shed. House for Two Flocks. House for One Flock. A Tennessee Poultry House. Scratch Shed and Brooding House. Maine Experiment Station Curtain Front House. Farm-Poultry House. Maryland Curtain Front House. Cloth Filled Frames in Place of Glass Windows. A Village



Specimen Illustration From Book (Much reduced.)

Portable Poultry Houses: Sled Runner Colony House. Type of Movable House Used in England.

Exterior Fixtures: Portable Coop at Low Cost. A Good Roost Coop. Piano Box Weaning Coop. Shed for Weaned Chicks. Dry Goods Box Coop. Brood Coops. Wedge Door Fastener. Portable Shelters. Brood Coop with Hood. Crate for Shipping Day-old Chicks. Simple Carrying Crate.

Interior Fixtures: Successful Automatic Feeder. Coops for Breaking up Broody Hens. Nest Boxes. Practical Feeding Trough. Trough for Mash. Grit Box. Device For Heating Water. Device for Watering Ducklings. Safety Trough for Chicks. Drinking Fountain for Chicks. Government White Wash.

THIS BOOK CONTAINS OVER 150 ILLUSTRATIONS

Unquestionably the most instructive and comprehensive work on the construction of poultry houses and appliances that has been compiled to date. Every house and fixture described in this book is in use on the plant of a successful poultryman; is simple, labor-saving and reasonable in cost.

PRICE, 50 CENTS, POSTPAID

Or 75 cents including a year's subscription to American Poultry World, or will be sent free for two annual subscriptions to American Poultry World at 50 cents each.

AMERICAN POULTRY PUBLISHING CO.

BUFFALO, N. Y., U. S. A.

PEERLESS EXHIBITION SINGLE COMB WHITE LEGHORNS



Have been "CHAMPIONS" as layers and as show birds for more than fourteen years. They are the natural result of years of careful breeding by a painstaking fancier: a man who has put his own money, time and energy back of them, determined that they should take the lead as actual money earners over all others. That Peerless White Leghorns do rank with the first very few strains for the production of the finest market eggs, and for supremacy in the show room is evidenced not only by my own success, but also by the success of my customers—in a commercial way, and by winnings at the foremost American exhibitions.

My great progress in building up this well-known strain has been due, in a measure, to the careful introduction of new blood to avoid the possibility of too much line breeding. Whenever I add a new male, it is always a very choice and costly one—usually D. W. Young strain—and particular attention is paid that he is vigorous; has low carried tail and good saddle. However, generally speaking,

I Breed, Hatch and Raise My Own Winners.

Yes, hundreds of them annually, and unless my calculations go far amiss my matings this season will produce some of the finest birds of the year. I shall have 38 pens in all. Thirty, regarded as my "second best," and eight as my "best" or CHAMPION MATINGS. The birds in these pens were selected from 5,000 typical specimens that have been bred for exhibition requirements for years. Naturally enough they are right and can't help but produce some remarkable birds. In the CHAMPION MATINGS are found my First Cockerel at CHICAGO, Dec. 14-19, 1911, winner of the National Single Comb White Leghorn Club badges for BEST MALE and BEST COCKEREL, 81 of the finest males ever seen in a single show room in this country competing. 1st Cock; 1st Cockerel; 1st and 2d Hen; 2d, 3d and 5th Pullet; 3d Pen and Silver Cup winner for best male in Mediterranean Class at KANSAS CITY, Jan. 15-20, 1912. And among other notable winners in these matings are, an

unbeaten Cock, winner at Kansas City, Omaha, Cedar Rapids, Indianapolis, etc. A Cockerel, winner as Cock at Kansas City and Cedar Rapids. A magnificent Cock bird winner of 2d at New York, and numerous females, all of my breeding, that have won at the largest shows. These are truly De luxe matings and you have a chance with me to produce a blue ribbon Chicago cockerel or pullet. In connection with my great winning at Kansas City in January, I might add that I furnished winners the same week for many other large shows, including 2d Cock; 3d Hen; 5th Pullet at Nebraska State Show and 1st Pen at the big Minneapolis show. If you want low tailed birds that have good station, white plumage and good head points, I can furnish you the eggs to produce them. Here are my prices: From the first eight, or CHAMPION MATINGS \$5.00 per 15 straight. Just a few settings offered. From the other thirty pens, only \$2.50 per 15; \$5.00 per 30; \$12.00 per 100. BABY CHICKS are a little less than double the price of eggs. See my Price List. Before placing your order write for a copy of my FREE CATALOG, it describes my matings in full, and tells also how to feed, care for, prepare for exhibition, and keep White Leghorns healthy and profitable. This valuable little book is yours for the asking, and it may be the means of your saving or earning a considerable amount of money.

NEW YORK, CHICAGO, KANSAS CITY, INDIANAPOLIS, OMAHA WINNERS

I have about 200 CHOICE COCKERELS FOR SALE AT MODERATE PRICES and many HUNDRED FINE, PURE WHITE FEMALES AT ROCK BOTTOM FIGURES for richly bred, productive birds. I ship on approval. Your money back at once if you are not satisfied.

Remember, 99 times out of 100, Dollar birds are drones that no one could make pay, and Dollar a Setting eggs can not come from carefully selected matings containing valuable birds. Reason it out yourself.

One of my customers writes that his pen of Peerless Exhibition Leghorns laid nearly as many eggs as the combined number laid by two other pens under same conditions: All in Philo System coops. Another writes that he won First at quite a good sized Illinois show on a pen of breeders that I sold him for \$14.00. The females scored 93½; 93¾; 94¼; 94½. Any number of other interesting testimonials are found in my FREE CATALOG. Tell me what you want and I will gladly name you as low a price as good quality can consistently be sold for.

LEON C. HUNTINGTON, Box 12G, Station A, **OMAHA, NEB.**

SCIENTIFIC POULTRY RAISING

It is Just as Applicable to Twenty Hens on a City Lot as to a Thousand on a Farm. Conducted as an Experiment it will Offset Part or All of Your Living Expenses, and Increasing to a Larger Scale Multiplies Your Profits Proportionately.

NOT only is there a good living in poultry raising, but it can be developed by ANY ONE into an exceedingly profitable business. There is a vast difference, however, between simply "keeping a few chickens" and practical poultry raising on a scientific basis. The latter way is the ONLY RIGHT way; and as long as you are going to do a thing, you might as well do it right as do it wrong. Scientific poultry raising produces physical results and financial profits that are absolutely beyond the understanding and belief of those who are in the Oh-yes-we-keep-a-few-chickens class.

For instance, it is absolutely news to them that a family of six can make a good living from six hens; they do not know that 1,600 eggs, or 160 pounds of broilers, can be produced per annum in a 6 ft. square corner of a garden, or on the flat roof of a tenement house. Yet these statements are justified by what has been and is now being accomplished by the wonderful Philo System.

FREE—These Six Thoroughbred



It may surprise even you to learn that at the Philo Plant, in Elmira, where fertile eggs are produced and hatched every day in the year, a **half acre** devoted to poultry has produced in twelve months a **net profit of twenty-five thousand dollars!** If you will come to Elmira you can see with your own eyes the simple details of the method by which these splendid results are obtained, and all that is done at the Philo Plant you yourself can do. There is nothing difficult about it. It is as simple as a, b, c. And if you cannot come and personally inspect the working of the Philo System, you can learn all about it by reading the Philo Books. "Making Poultry Pay" contains 96 pages of carefully written and selected matter of immediate and permanent value to every poultry raiser, and numerous illustrations. We will mail you this book for 10 cents, in coin or stamps to cover postage, just to show you some facts about the poultry business and its possibilities that you possibly never dreamed of. Our big book, "Philo System of Progressive Poultry Keeping," is the text book of poultry raising. It is complete in every department, exhaustive in description of causes, reasons and results, elaborately illustrated, and conveys to every purchaser the right to use the Philo System and any and all of the special Philo appliances. It tells you plainly and precisely how to obtain Philo results, and if you follow these simple instructions you positively cannot fail. Price, \$1.00, postage paid. "The Poultry Review" is a monthly publication edited by E. W. Philo, the originator of the Philo System, and an able staff of writers comprising expert and practical poultrymen. This magazine is devoted exclusively to the idea of being immediately and directly helpful to its readers. Subscription price, \$1.00 per annum.

MAIL REMITTANCES TO E. R. PHILO, 3444 LAKE STREET, ELMIRA, N. Y.

THE FAMOUS "CYCLE" HATCHER



The CYCLE Hatcher takes the place of the hen, does away with the large and clumsy incubator, and in its operation and results IS AN ACTUAL IMPROVEMENT ON NATURE. It hatches a larger percentage of eggs than are hatched by a hen, and the chicks are stronger. The supply of heat in the CYCLE Hatcher comes from the center, and carries with it an abundance of fresh, heated air that is required to travel only six inches to reach every egg in the extreme portions of the nest.

The heat is governed by a double wafer regulator that is placed so close to the eggs that it is sensitive to the natural heat of the growing embryo chick in the egg as well as to the supplied heat from the lamp. The nest, heater, lamp, thermometer and the automatic appliance to release the surplus heat, make a complete hatcher that is absolutely reliable, and so simple in construction as to require no detailed description here. The accompanying pictures of the complete machine and the nest are self-explanatory. Capacity, 50 eggs. Constructed entirely of metal, except insulation. Is self-regulating. Requires no supplied moisture, and will last a lifetime. Shipping weight, well-boxed, 20 pounds. Bottom picture shows Hatcher with heater, or cover, removed.

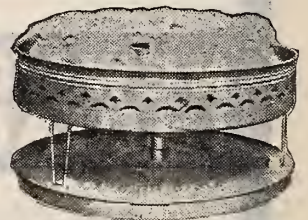
PRICES F. O. B. ELMIRA:

One "Cycle" Hatcher, completely equipped,	\$ 6.00
Two " " " " "	11.50
Four " " " " "	22.00

CYCLE HATCHER COMPANY 266 LEHIGH AVENUE, ELMIRA, N. Y.

WE HAVE BRANCH HOUSES IN THE FOLLOWING STATES:
California, South Dakota, Colorado, Iowa, Missouri, Illinois, Texas, Louisiana, Florida, Georgia, North Carolina.

WRITE TO ELMIRA FOR
CATALOGUE OF YOUR
NEAREST BRANCH



WRITE FOR FREE BOOKLET
"A Little Poultry and
A Living."

YIELDS SENSATIONAL PROFITS!

Is Simply a Matter of Proper Care in Selection, Feeding, Breeding, Housing, Hatching and Brooding. Experience is Not Necessary. You Have Only to Follow the Rules of the Wonderful Philo System, and Success is Assured.

POULTRY raising is today on a scientific basis. You can go into it knowing positively that it is going to return you both pleasure and profit—to say nothing of the satisfaction of having on your table, always, strictly fresh, sweet eggs; and you can increase this profit just as much as you please, according to the amount of time you devote to the work. Whether you raise ten hens or a thousand, no “chicken yard” is needed. The hens are more contented and lay better when they are confined in the Philo sanitary coops, and for the same reason the meat of your broilers is sweeter and tenderer when they are not allowed to toughen their muscles by excessive running and exercise. Furthermore, when chickens run you cannot control their food as you can when they are kept in Philo coops; and proper food makes sweet eggs, tender meat, and breeds improved stock.



COMBINED BROODER-HATCHER

Our Brooder-Hatcher does double duty, meeting the requirements of all classes of poultry raisers, whether they raise only a few chickens annually, or large numbers. It reduces the cost to about one-half that of hatching with incubators or hens, and it makes possible the raising of fowls in small spaces—in city yards, on lawns, gardens, in boxes, sheds, on porches, roofs or in other out-of-the-way places where a wooden machine could not be operated.

This combined Brooder-Hatcher is the result of many years of experimenting to make one lamp do double duty, and at the same time have a machine constructed to successfully do the work artificially and carry out the laws of incubation and brooding. Its capacity is 50 eggs, but just as good results are obtained by setting a few eggs every day, or once each week or ten days, thus taking off a hatch as often as you wish, and filling in empty portion of the machine with fresh eggs. This is the machine that has helped largely in getting such big returns from a few hens in the Philo System plant. Shipping weight, well-boxed, 25 pounds. Bottom picture shows inside of Brooder-Hatcher, hatching eggs and brooding chicks at the same time.

PRICES F. O. B. ELMIRA:

One Brooder-Hatcher, completely equipped,	\$ 8.00
Two “ “ “ “	15.50
Four “ “ “ “	30.00

CYCLE HATCHER COMPANY

266 LEHIGH AVENUE, ELMIRA, N. Y.

WE HAVE BRANCH HOUSES IN THE FOLLOWING STATES:

California, South Dakota, Colorado, Iowa, Missouri, Illinois, Texas, Louisiana, Florida, Georgia, North Carolina.



WRITE TO ELMIRA FOR CATALOGUE OF YOUR NEAREST BRANCH.

WRITE FOR FREE BOOKLET

“A Little Poultry and A Living.”



Chicks, and a Brooder—FREE

(See Combination Offer)

Start with a few hens and two or three cockerels, and gradually increase your line. From your hatchings save the finest specimens for breeding purposes. Follow PHILO instructions to the letter, and you will be astonished at the result. We have thousands and thousands of unsolicited testimonials from all parts of the country, reporting the gratifying and wonderful returns from the Philo System, and the “Cycle” Hatcher and Combined Brooder-Hatcher, that have been obtained by people who have carefully followed Philo instructions.

As many of these testimonials as we had room for are published in the Philo Books, with names, dates and addresses. You are at liberty to write to any of them. All are making money, all are delighted with results. Many are going into poultry raising as a business; some are taking it up as a side line; others simply to cut down living expenses. Often they report a 100 per cent. hatch, and 2-pound broilers in from 7 to 8 weeks is commonplace. You ought to read some of these letters and learn what others are doing—for positively you can do the same.

OUR SPECIAL COMBINATION OFFER, FOR 30 DAYS:

By an arrangement with Cycle Hatcher Co., we are enabled to make the following special offer: To any one who sends us, within 30 days, only \$3.00, we will send all of the following: One copy “A Little Poultry and A Living,” One copy “Making Poultry Pay,” One copy “Philo System of Progressive Poultry Keeping,” One year’s subscription to “Poultry Review,” Complete instructions for building Philo Patented Coops, and rights to use them, **ONE BROODER CONTAINING THE 6 THOROUGHbred CHICKS** (White Orpingtons or White Leghorn), together with Galvanized Troughs, and Cycle Chick Food enough to give them a good start. Mail your orders quickly and state when you wish us to make shipment of brooder and chicks. The books are sent immediately.

E. R. PHILO

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3444 LAKE STREET

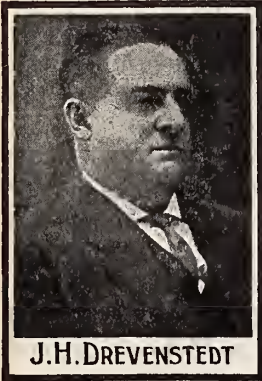
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ELMIRA, N. Y.

THE WYANDOTTES

Silver, Golden, White, Buff, Black, Silver Penciled, Partridge, Columbian

A Complete and Authoritative Text Book and Instructive Treatise Devoted to the Wyandotte Family, One of the Two Most Popular American Breeds of Standard Poultry, Embracing Eight Standard and Seven Non-Standard Varieties. Book (160 Large Pages and Cover) Tells How to Select Breeders and How to Mate for Best Results. Care, Feeding and Successful Management Fully Discussed.



J. H. DREVENSTEDT

Edited by J. H. DREVENSTEDT,

Breeder and Judge of Twenty-five years experience, and Chairman of Sub-Committee on Wyandottes of General Committee on Standard Revision for 1910.

(NOTE.—This new and much enlarged edition of "The Wyandottes" is one of the series of breed books to be issued jointly by American Poultry Publishing Company, Buffalo, N. Y., and Reliable Poultry Journal Publishing Company, Quincy, Ill. The president of these companies, Grant M. Curtis, laid the foundation several years ago for this series of poultry books and has spared neither time nor expense to gather data and to secure illustrations that will make these books of permanent and historical value to American poultry literature. More than \$4,000 has been expended on the text and illustrations of this revised and improved edition.—J. H. Drevenstedt, Editor, "The Wyandottes," 1910 edition.)

Fully illustrated by Franklane L. Sewell, A. O. Schilling, I. W. Burgess and others. Three color-plate reproductions of oil paintings and twelve full-page latest type Wyandotte charts by Artist Sewell.

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By J. H. Drevenstedt, New York City.

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SPECIAL ARTICLES BY NOTED FANCIERS ON SILVER, GOLDEN, WHITE, BUFF, BLACK, PARTRIDGE, SILVER PENCILED AND COLUMBIAN WYANDOTTES

Among the contributors are W. E. Samson, J. C. Jodrey, J. F. Van Alstyne, A. & E. Tarbox, Henry Steinmesch, Arthur J. Fisher, Fred J. Blake, Ira C. Keller, A. G. Duston, John S. Martin, C. S. Cook, Fred C. Lisk, O. O. Wild, M. F. Delano, Dr. N. W. Sanborn, S. T. Bartlett, E. O. Thiem, Jas. S. Wason, A. C. Hawkins, Chas. D. Cleveland, B. M. Briggs, Aug. D. Arnold, D. E. Hale, F. W. Proctor and F. L. Sewell.



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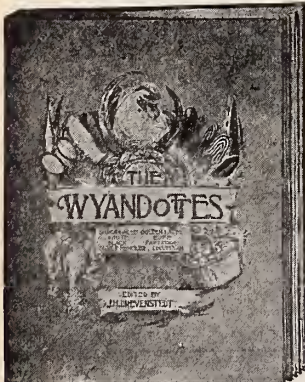
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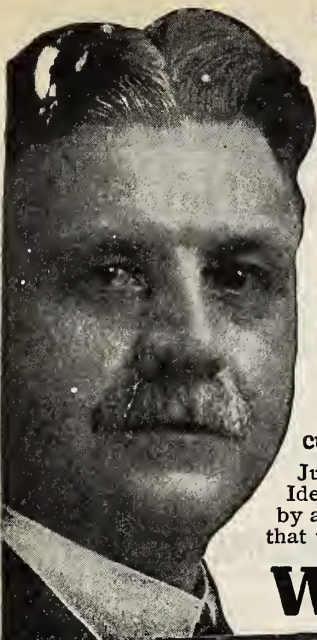
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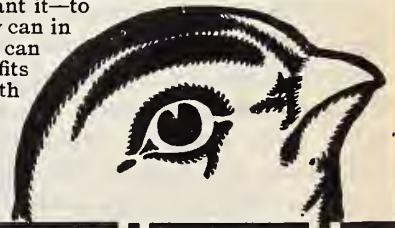
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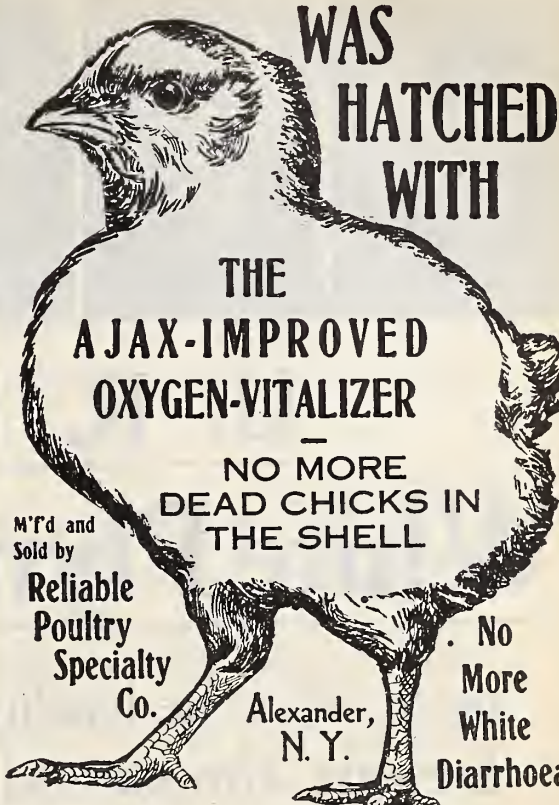
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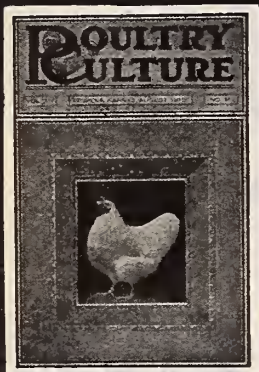
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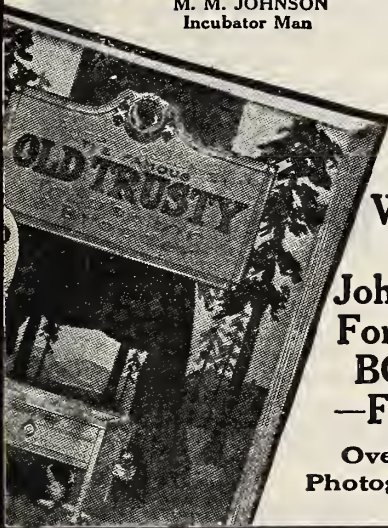
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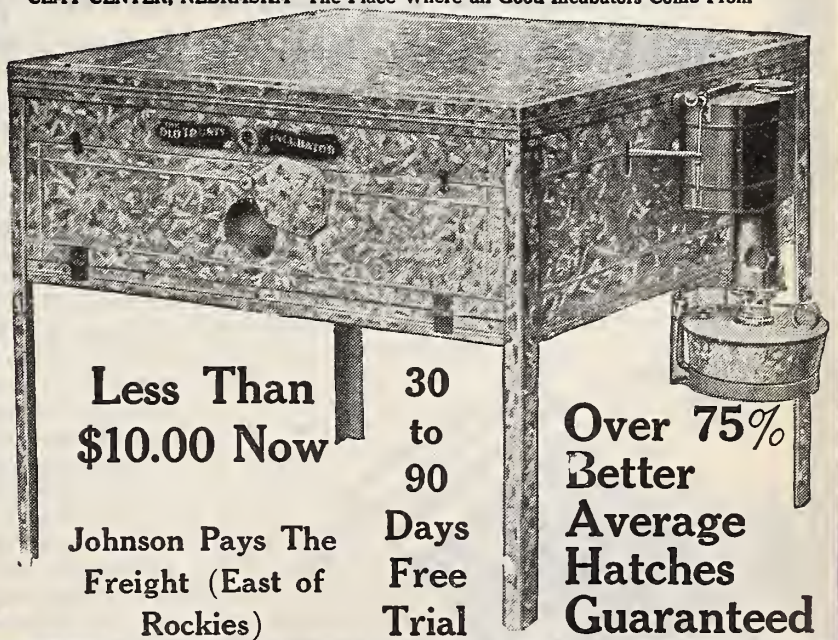
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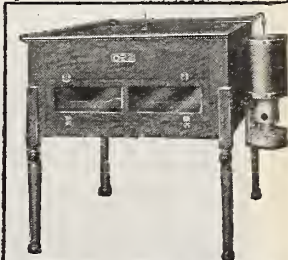


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Quick-Molt (Feather Fast)
Egg Maker
Egg Preservative
Roup Cure
Cholera Cure
Chicken-Pox Cure
Gape Cure
Health Regulator
Head Lice Ointment
Scaly Leg Ointment
Lice Killing Nest Eggs
Lice Dust
Lice Spray
Sulphur Candles
Disinfectants
Salt C...
Charcoal

Poultry Supplies

Chick Markers
Grit and Shell Boxes
Water Founts
Water Cups
Food Hoppers
Food Troughs
Leg Bands
Porcelain Nest Eggs



LAST MONTH in our advertisement in this paper (please read it) we told you how **A Farmer's Daughter** 16 years of age had **Broken All Hatching Records**, and that 8 other persons in 8 different States had also **Hatched Every Fertile Egg**—all in **ESSEX-MODEL INCUBATORS**. That stands as **The World's Best Hatching Record** today, and proves that the "Essex-Model" is the **World's Best Hatcher**.

THIS MONTH we want to tell you that not only do the "Essex-Models" Hatch **More Chicks**, but that the Chicks are **Stronger and Larger and Easier to Raise**; and that when they are raised in Essex-Model Brooders they grow up **Better Layers, Healthier and Better Specimens, and are Winners**. There is room for only a few extracts from letters here, but our **Free Catalogue** will give you many letters proving the **Unequaled Value** of Essex-Model Incubators and Brooders in producing **Strong Chicks**.

INCUBATORS—Late Letters That Tell the Tale—BROODERS

"We have compared your machines with two other leading makes, under exactly the same conditions, side by side, and your machines produced **Larger, Stronger and more Livable Chicks**, than their competitors."
Wilson, N. Y. **B. A. ROBINSON & SON.**

"With your Incubators we got the best batches in White Runner Ducklings—as **Strong as Those Hatched Under Hens**."
Hope, Ind. **U. R. FISHEL.**

"The Essex-Model Incubator cannot be excelled. This spring I hatched **114 Strong, Healthy, Brown Leghorn Chicks from 114 fertile eggs**."
Shanksville, Pa. **E. F. WILL.**

"With the ground covered with snow, thermometer 14 degrees below zero, we put 107 chicks in your Brooder. They are now nearly six weeks old. I have 103 left, **all Strong and Hardy**. Beat that if you can."
S. Easton, Mass. **F. HENRY RANKIN.**

"I can raise **more Pheasants** in your Brooders than I can with hens."
Port Colborne, Canada. **D. W. CARTER.**

"I bought two of your Brooders, and they are just too good! The chickens are **as large as some I have twice as old** in chicken yards, with mother hens."
Morrissville, Pa. **MRS JOHN W. WHITE.**

America's Largest Line of Incubators and Brooders

The "Essex-Model" Standard and Middle Price

17 Sizes — \$2.25 to \$48.00 Each

IN ADDITION to offering you the Largest Choice of Incubators and Brooders that can be obtained—in Sizes and Prices to suit your needs—we combine the most Scientific Hatching Principle with the Latest Improved Styles. There are no other machines like the "Essex-Models." They stand out in a Class by Themselves. They are the "Incubators of Quality"—the Highest Class Incubators Made; and we **Guarantee** them to give Satisfaction.

The Experience Mr. Essex Has Gained in a Quarter-Century's Work With Poultry Belongs to Our Customers——It Is Free to You!

Mr. Essex has been through all the Experiences of Raising Hens for Egg Production—just Layers. He started in earnest over 25 years ago, and experimented just as you may wish to do. He exhibited and won with many breeds, but finally found it profitable to drop down to one variety. He bred Market Fowls and Layers. He knows Farmers and Fanciers, and their needs. He knows where the profit is and where the Leaks are. He worked day and night among his birds and learned their peculiarities. He experimented with many ways of Housing and Feeding. Why not take advantage of his Experience and Save Time and Money?

In our **Free 1912 Catalogue** you will find **Five Chapters on Poultry Keeping** written **Personally by Robert Essex**; also illustration and description of every one of the **17 Superior Incubators and Brooders made by us**. The subjects of the chapters in this Free Book are:

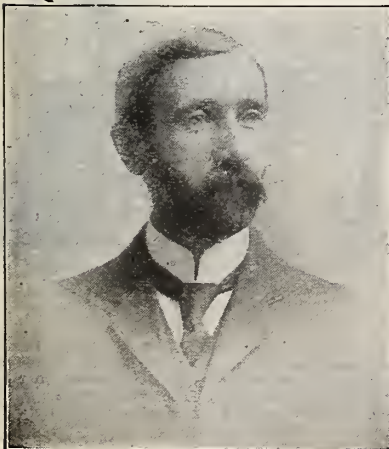
- I—"When You Start, Start Right. How to Get Started."
- II—"How to Get More Profits From Hens."
- III—"How Money Is Made From Standard-Breds and Show Birds."
- IV—"How to Build a Low Cost Farm Poultry House." (With Plans.)
- V—"How to Build a Woman Fancier's House." (With Plans.)

Also a full page of pictures of seven popular breeds of fowls.

ALL OVER THIS WIDE COUNTRY the Essex-Model Machines are Sold by Leading Merchants. If your Storekeeper does not sell them, please write us for the name of our Agent nearest to you. It will pay you well to see the "Essex-Models." Do not be induced to buy any other make until you have seen them. Write today for Free Catalogue. **Address nearest office.**

Robert Essex Incubator Company

13 Henry St., Buffalo, N. Y., or 67 Barclay St., New York City



Robert H. Essex

WRITE FOR FREE CATALOG

YOUNG'S STRAIN S. C. WHITE LEGHORNS

(I Have No Other Breeds)

My greatest of all victories at Madison Square Garden's last greatest show. I won over nine times as many prizes as my nearest competitor and over five times as many prizes as any other exhibitor of any one breed in the Garden. You must remember that the competition at Madison Square Garden is the keenest in the World.

Winnings were as follows:

Cocks	Cockerels	Hens	Pullets	Pens
1	1	4	1	1
2	2	5	2	2
3	4	6	3	
4	5	7	4	
5	6	8	5	
6	7		7	
7	8		8	
8				

and nearly every special offered. In fact my birds have won in nearly every show from the Atlantic to the Pacific. They are the standard for all the Leghorns of all America and the greatest layers of all domestic fowl. I have hundreds of cockerels for sale that can win anywhere and after winning will improve your stock for eggs and exhibit points. (Remember you cannot win without my strain). Mating List FREE. Address

D. W. YOUNG,

Phone No. 71, MONROE, N. Y.

WINNER OF FIRST PRIZE, NEW YORK, 1908-'09.
BRED & OWNED BY D. W. YOUNG, MONROE, N. Y., U.S.A.

Only One Mammoth Incubator Has Been Fully Developed

You, who read to get posted, know about the increasing use of Mammoth Incubators and Brooders. The larger poultry operations brought about by their use is almost startling in money-making opportunity. For, Mammoths accomplish tremendous economies. And it is by economies that profit in all lines of human effort is increased. So, we know you'll be interested in this message from us. It is not our intention to make overclaims. The facts alone are sufficient. We were pioneers in the Mammoth Incubator business.

Based on Experience and Success

The first Mammoth Incubator in the World was made and used by Mr. W. P. Hall in 1896—the culmination of 20 years' thought and experience in hatching. Principles were discovered and established during those 20 years by numberless tests made under different conditions. Every principle adopted was first proven good. Incubation as we perfected it is now known nationally. Our experience totals 36 years.

Decreased Costs

Fuel cost in a Hall Mammoth equals oil at 1c a gallon. Its cost of operation on an average is 21c to hatch 1,000 eggs. On a hatch of 15,000 eggs the saving exceeds \$38.00. Thus the Hall Mammoth pays for itself in heating economy alone.

Like a Hen's Nest

The bottoms of our egg compartments are open-slatted. This allows the warm air around the hot water pipes at top of egg compartment to draw the moist, oxygen laden air of the cellar. We have simply applied nature's principle. Better hatches result.

Perfect Simplicity

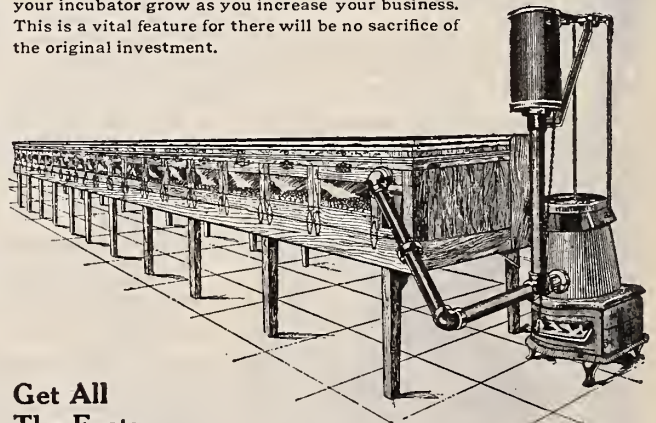
Note illustration showing water expansion regulator on furnace. Our expansion tank has a float and lever. The lever is connected to the furnace drafts. The contraction and expansion of water insures equable temperature, for this regulator controls the source of the heat. And, though extremely sensitive, there is nothing delicate to get out of order.

Adjustable Egg Trays

As incubation progresses the trays are lowered a little each day. Thus the eggs get the right degree of heat as the embryo develops. So no regulation is needed for any egg compartment.

Built in Sections

A Hall Mammoth Incubator can be added to at any time. You can have your incubator grow as you increase your business. This is a vital feature for there will be no sacrifice of the original investment.



Get All The Facts

We publish a 74-page catalog. It won't please the merely curious. But it is packed full of facts which every poultryman should know. It covers principles and makes them plain. It opens the way to more profits through the employment of advanced and fully established incubating and brooding methods. When replying please tell us something about your plant. Ask for Catalog W.

THE HALL MAMMOTH INCUBATOR CO. LITTLE FALLS, N. Y.

OWEN FARMS

"WE CONGRATULATE YOU, MR. OWEN."

This with a hearty handshake was the greeting of every well-known breeder as I met him at Madison Square December Show. "Why do you congratulate me?" I asked of one great breeder. His reply was, "Because you have demonstrated here in this New York Show that it is possible for a breeder to take several varieties of poultry and make a success of each and every one. For years it has always been contended that this could not be done. It can never be seriously questioned after your winning at Madison Square Garden this time."

What Did We Really Do?

We entered a string of TWO HUNDRED AND TWENTY-THREE birds in ten breeds.

WE WON, in the severest competition, TWENTY-SEVEN BLUE RIBBONS, (FIRST PRIZE), TWELVE SECONDS, ELEVEN THIRDS, NINE FOURTHS, TEN FIFTHS and FIVE SIXTHS, (New York this year giving six ribbons). In all SEVENTY-FOUR RIBBONS.

Buff Orpingtons

In this variety we won ALL FIVE FIRSTS, including, of course, First Cock, First Hen, First Cockerel, First Pullet and First Pen, and also Third Cock, Fourth Hen and Sixth Cockerel. Such a win needs no further comment.

White Orpingtons

This was the variety in which the most wonderful and terrific competition ever put up anywhere in the world was easily to be noticed.

WE WON three of the five firsts, and on only two entries in the pen class, which was certainly one of the strongest classes of pens in the whole show, we won First and Second. Our First Cockerel was really a marvel and we had no hesitation in refusing an offer of One Thousand Dollars for this single bird. We also won First Hen, which by the way was the same hen which won First two years ago. In addition we won Third and Fifth Cock, Sixth Hen and Third Pullet. In points won we far exceeded our nearest competitor, winning about three times as much as anyone else.

Black Orpingtons

In BLACK ORPINGTONS we made a grand winning in Cockerel, for everyone considered that our First Cockerel was one of the best ever shown in this variety. He had magnificent type, an excellent head and very fine color. We are positive that this cockerel will be the sire of very many winners in Black Orpingtons this next year. We also won Fifth Hen and Fifth Pen. We shall give unusual attention this year to the mating of our Black Orpingtons and the results from the eggs for hatching will be more than gratifying to our customers.

White Plymouth Rocks

It is a long and full story to tell you about our winning in WHITE ROCKS. We won four Firsts;—First Cock, First Cockerel, First Pullet and First Pen. We won the Seconds in all five classes; and on Pens we won every place but Fourth, making our winning pens First, Second, Third, Fifth and Sixth. This was positively the greatest winning in White Rocks ever made at the Madison Square Garden Show and it was not because there was lack of competition, for it was one of the best classes in this grand variety that was ever penned there.

Barred Plymouth Rocks

As usual, the competition in Barred Plymouth Rocks was extremely fierce and it happened, as it often does, that no one breeder won more than one First. We were very pleased to win First Pullet, which was also awarded the Shape Special, repeating our winning of First Pullet two years ago; and also the pullet this year was awarded the championship for best female.

White Wyandottes

We have said in our advertising several times this last year that this was to be a White Wyandotte year at Owen Farms, and if you could see our orders; if you could know what these birds that we have sold all over the country have done; how constantly they have been winning for our friends; if you could visit our farm and look over our White Wyandottes individually and as a flock, you would see that the prediction we made has come true.

We won three Firsts: First Cock, First Cockerel and First Pen. We also won Third and Fourth Cock; Second and Third and Fifth Hen; Second Cockerel; Second and Third Pullet;

10 Eggs.....	\$10.00
11 Eggs.....	11.00
12 Eggs.....	12.00
13 Eggs.....	13.00

and Second and Third Pen. This last winning of First, Second and Third Pen in the hottest competition with only three pens entered demonstrated what Owen Farms' flock is as a whole. We have the type, the color and the head points, and above all that, the wonderful thing called station, that gives our White Wyandottes when prepared and fitted for the show an easy chance at the Blue Ribbons.

Rhode Island Reds

WE ARE MORE PROUD OF OUR WONDERFUL WINNING IN RHODE ISLAND REDS THAN OF ANYTHING WE HAVE EVER DONE AT OWEN FARMS. Please remember this was our first showing of Reds and everybody was there and everybody was making predictions, and perhaps few, if any, expected that Owen Farms would make such a wonderful winning in this extremely hot and grand class of birds. Think of it! We won five out of the ten Firsts in Single and Rose Comb Reds; as many as all others put together. Our First Single Comb Cockerel was in a class of 43 cockerels, all grand birds, and yet he easily took the Blue Ribbon. Our hen which was First was a marvel and our pen was conceded very easily to be the best in the show, both in Single Combs and in Rose Combs. Our First Hen won the Shape Special, and in addition, we won Fifth and Sixth Cock in Single Combs. Our Rose Comb First Cock was decided to be the champion male in Reds and was admired by everyone who saw him.

What This Winning at New York Means to You

It must mean, if it means anything at all, that if you are looking for either birds or eggs for hatching from the best yards to be found in America that you may depend upon it that Owen Farms has them. Your chances of success, I affirm to you, are just exactly equal to our own chances for we give you eggs from every mating that we possess without reserve. We are positive that we can and will do much more for our customers this year, both in breeding stock and in eggs for hatching than we have ever done before.

Eggs For Hatching

We are extremely pleased to announce that we have this year mated birds in all of our varieties that are far in excess in quality and value of any ever heretofore mated. We have sold only one winning male bird of all of our winning male birds at New York. The balance are all heading our pens, together with many that have won previously or are the sons or grandsons of our New York winners. We have limited our pens in each case so that the number is never in excess of our ability to mate them with the very highest quality of both males and females. What we have done in this respect you will be able to learn from our mating list.

Our Mating List

This year we are publishing, and will send you upon application, a book containing approximately 144 pages. 56 of these pages are devoted exclusively to illustration, being the best birdseye view of Owen Farms and its wonderful winning birds that we have ever offered. In addition we have included our general information which has heretofore been included in a separate book, and have described accurately and carefully each and all of the pens that we offer you. Our guarantee on eggs is explained therein. It is the same as we have employed in past seasons and we have tried to make it for your protection and as broad as possible. We certainly trust that this mating list and catalogue combined will meet your approval.

Our Egg Prices

You will find below a schedule of exactly what you can get in eggs for hatching from Owen Farms. For our convenience we would ask you to write your order for eggs, giving careful attention to the variety you require, the exact time you wish shipment, and your shipping directions, upon a separate sheet of paper. This will help us very much in the handling of your order. We say further that you may order eggs at the rate of 50 to 100 as priced below and make selection from as many varieties as you wish. Each egg will be marked with the number of the pen from which it comes and also with the name of the variety. Express charges will be prepaid on all original orders for eggs, for ten or over, to points in the United States or Canada, but not on eggs at half price, either on account of unsatisfactory hatch or on account of the lateness of the season, which half price season commences June 1st.

14 Eggs.....	14.00
15 Eggs.....	15.00
50 Eggs.....	40.00
100 Eggs.....	75.00

OWEN FARMS, 115 William Street, VINEYARD, HAVEN, MASS.

W. BARRY OWEN, Proprietor.

MAURICE F. DELANO, Manager.

Give Yourself A Fair Chance to Succeed!

EACH YEAR as the poultry business grows in *importance* and the persons who engage in it *learn more* about the *true elements of success*, the demand for *first-class tools*—for strictly standard Incubators and Brooders *becomes greater and greater*.



**Substantial—
Fire-Proof—
Dependable**

WHY DO YOU SUPPOSE it is, Reader, that Cyphers Incubators and Brooders are used today by *more* successful poultrymen of national reputation, on *more* large practical poultry plants, on *more* Government Experiment Stations and at *more* State Agricultural Colleges than *any other make or kind ever invented?*

Why do you suppose this is true? It is *because* these men, these plants, these stations, these colleges *want the best there is*. They want Incubators and Brooders *that will do the very best work*—and that will *keep right on* doing it season after season, year in and year out. They haven't the time to bother, *to waste money* with cheaply-made, wrongly-constructed affairs that are simply "built to sell"—to catch the inexperienced—to trap the unwary!

PLEASE READ the two following right-to-the-point letters. They were written by men who hold *positions of public trust*, by men whose business it is to know *whereof they speak*—and here they give *fair and timely warning* to all who may be concerned:

HERE'S TIMELY WARNING

MISSOURI STATE POULTRY EXPERIMENT STATION

T. E. Quisenberry, Director and Secretary of the State Poultry Board

Mountain Grove, Mo., December 13, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

We have been using several of your Incubators and Brooders at the Missouri State Poultry Experiment Station, and they have given us most excellent satisfaction. We consider yours one of the best and most perfect incubators ever manufactured.

We sincerely hope that our Missouri farmers and fanciers will quit wasting their time, money and eggs on cheap and poorly constructed incubators and invest in such machines as yours.

We have yet to see our first incubator of your make in this state which is not giving excellent results. A good machine like yours is far the cheapest in the end. It is a pleasure to operate them. They will hatch all hatchable eggs, and they are an ornamental piece of furniture as well.

Yours very truly, T. E. QUISENBERRY.

WEST VIRGINIA AGRICULTURAL EXPERIMENT STATION

J. H. Stewart, Director.

Horace Atwood, Poultry Instructor.

Morgantown, December 12, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

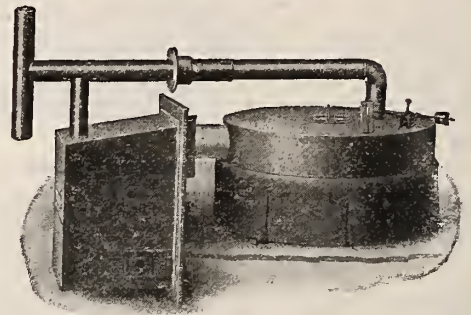
We have used Cyphers Incubators at this Station for the last ten or twelve years. In most of my experimental work I have used the Cyphers Incubators on account of the uniformly good hatches which I have been able to obtain with them. They are easily regulated, run like clockwork, the loss of moisture from the eggs approximates very closely that found under natural conditions, and the chicks hatched are strong and vigorous.

In my judgment many people make a serious mistake when they buy a cheap Incubator. For example, a cheap wagon will be fairly satisfactory for a time, or at least until the paint wears off and the wheels get rickety, but the purchase of a poor Incubator is worse than a dead loss, as one loses the eggs placed in it, the oil used for heating, the time spent in its operation; and furthermore, one loses the opportunity to make a profit from the chicks which should have been hatched.

Even if some chicks are hatched in a poor machine they are seldom or never profitable, for if their vigor is reduced they are handicapped from the very start. The most important step for a beginner in artificial incubation is the purchase of the best machine on the market.

Sincerely yours,

HORACE ATWOOD.



THE CYPHERS ADAPTABLE HOVER

(Patented)

Fire-Proof, Insurable, Self-Ventilating and Self-Regulating

Used in Entire Line of Cyphers Company's Apartment Brooders. Unequaled for Use in Home-made Brooders, in Roosting Coops, Colony Houses, etc. Price, Complete with Regulator, Safety Lamp and Tested Thermometer. Securely boxed for Shipment, \$8.50 f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Bears "Inspected Brooder" Label as Separate Device.

UNDERWRITERS LABORATORIES, INC.
INSPECTED INCUBATOR

Form of Brass Label to be found (in serial numbers) on every Standard Cyphers Incubator, all sizes.

Form of Brass Label to be found (in serial numbers) on every Standard Cyphers Incubator, all sizes.

Form of Brass Label to be found (in serial numbers) on every Standard Cyphers Brooder, all sizes.

Demand These Labels— Your Safety!!

DO NOT BE MISLED by mere general claims that Incubators and Brooders are "fireproof and insurable." These claims, to be valid, should be backed up by the UNDERWRITERS' LABELS. Every Incubator or Brooder—no matter by whom made—which is built to conform to the "Rules and Requirements" of the National Board of

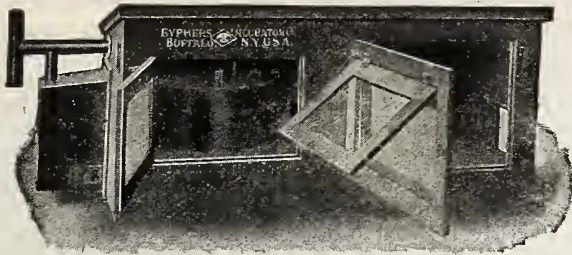
UNDERWRITERS LABORATORIES, INC.
INSPECTED BROODER

Form of Brass Label to be found (in serial numbers) on every Standard Cyphers Brooder, all sizes.

Fire Underwriters and that has been inspected and approved under the direction of the National Board, BEARS THE UNDERWRITERS' BRASS LABEL, attached to the front of the machine in plain view. These labels are equivalent to the official signature of the Associated standard fire insurance companies of the United States and Canada. They stand for highest safety and lowest insurance. The LABEL is the proof! Without the LABEL you cannot be sure you are getting what you want—an incubator or brooder that it will be safe to use any where and at any time. DEMAND THE LABELS, therefore, and accept no excuses—no subterfuge!

The Right Tools Are Half the Battle

FULLY ONE-HALF the total number of Cyphers Incubators and Brooders sold *every season* by us and by our authorized agents are bought by men and women *who first tried other makes* and found them unsatisfactory—unprofitable! Thousands of men and women *have written us to this effect.*



THE CYPHERS STYLE B OUTDOOR BROODER
(Patent Heating System)

Colony-Type, Three-Apartment, Self-Ventilating and Self-Regulating
Combined Outdoor Brooder and Colony Roosting Coop. Equipped with Fire-Proof, Insurable, Adaptable Hover. Tens of Thousands Have Been Sold On The "Personal Satisfaction Guarantee" Basis and we Never Have Been Asked to take one Back.

you have "tried" a cheap machine, or several of them, and have met with discouraging losses.

When you buy *one cheap incubator*, discard that and *buy another* that is no better, you are *over-paying* the Cyphers price *without getting Cyphers results* and many persons *quit in disgust* at this point without *ever having owned* a REAL INCUBATOR.

WE WANT YOU, READER, to *consider carefully* what this big fact means—just what it will mean to *you* if you make the same mistake! These men and women, valued customers of ours, *now know the reason*—they know, from *actual experience*, that it *does not pay* to put good money and good eggs into cheap, inferior, "bargain-price" incubators—that it does not pay to trust *valuable chicks* to worthless, *death-trap* brooders.

Positively, you cannot make money raising poultry by such means. You cannot build up a profitable poultry business on *such a foundation*. If you lack capital, start on a small scale—but *start right*. Do not *throw away money*—do not *invite defeat!* The chances are *many to one* that the kind of incubator and the kind of brooder you *buy will decide your success or failure.*

If you are going to use an incubator at all, *buy a good one*—THE BEST TO BE HAD. If you feel that you would *like to own a Cyphers*, BUY IT FIRST—not after

SOME SAMPLE EVIDENCE

"Life Too Short To Bother With Experiments"

St. Louis, Mo., January 15, 1912.
Cyphers Incubator Company, Buffalo, N. Y.—
I have tried almost all kinds of incubators and brooders and have been much pleased with the Cyphers Incubators and Brooders; in fact, everything I ever bought from you. On the other hand, life is too short to bother with "experiments." I tried them all and thought the whole incubator business a "fake" until I got a Cyphers Incubator.

Yours truly,
W. H. CARTER.

"Have Used Several Different Makes"

Kellogg, Ia., November 18, 1911.
Cyphers Incubator Company, Buffalo, N. Y.—
My experience has been that your Incubators and Brooders cannot be excelled. In my opinion you did the poultry industry a big favor when you invented the fire-proof style of incubators and brooders. The Adaptable Hovers are the best brooding devices I have ever used. I do not see how any up-to-date poultry raiser can get along without them. Have used different makes of incubators and brooders, but have practically discarded everything but those of your manufacture. No more cheap "hand me down" brooders for me! Have received prompt attention on all orders.

L. W. KIRSCHSTEIN.

"Used Four Different Makes"

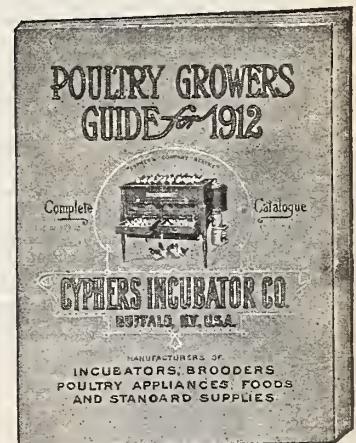
P. O., Richfield, Pa., November 17, 1911.
Cyphers Incubator Company, Buffalo, N. Y.—
Have experimented with four different makes of Incubators and find yours far in the lead from every standpoint. I would not give one Cyphers Incubator for four of the cheaper grades. With your machines 85 to 90 per cent. hatches are common—have been the average result with us. I am not only well pleased with your Incubator, Supplies and Poultry Foods, but your way of treating me as a customer is all that one could wish for.

SANDY KNOLL POULTRY YARDS,
C. M. Lauver, Prop

"Eight Incubators of Other Makes"

Freeport, Ill., November 15, 1911.
Cyphers Incubator Company, Buffalo, N. Y.—
We now use nothing but Cyphers Incubators and have found them very satisfactory, in fact, we threw out eight incubators of other makes, having found the Cyphers the most satisfactory in operating and in producing large, strong and healthy chicks. In future we expect to use nothing but Cyphers Incubators, Brooders and Supplies.

WITTENWALD PARK POULTRY FARM,
C. H. Witte, Manager.



Free, postpaid, to any address—for the asking! 244 pages, 7½ x 10 inches. Each copy weighs a pound. Full of valuable facts and helpful advice. Eight down-to-the-minute chapters on how to make and save money in production of poultry and eggs.

"Poultry Growers' Guide for 1912"

PLEASE SEND TODAY—*Now*, before you forget it!—for our big Free catalogue and Poultrymen's Guide for 1912. Free, postpaid, if you will kindly mention this paper, or fill out and mail to us the coupon herewith. This 1912 book fully describes Cyphers Incubators, Brooders, Self-regulating Adaptable Hovers, Poultry Foods and one hundred other Standard Poultry Supplies—"the best in every case for the purpose." To save valuable time, address our nearest place of business.

CYPHERS INCUBATOR COMPANY

Dept. 31. Factory and Home Offices, BUFFALO, N. Y.

Branch Stores and Warehouses

NEW YORK, N. Y. 23 Barclay Street
BOSTON, MASS. 12-14 Canal Street
CHICAGO, ILL. 340-342 N. Clar St.
KANSAS CITY, MO. 317-319 S. W. Boulevard
OAKLAND, CAL. 2127 Broadway
LONDON, ENG. 121-123 Finsbury Pav.

FREE "Poultry Guide" COUPON

Cyphers Incubator Co.,
Dept 31 Buffalo, N. Y.

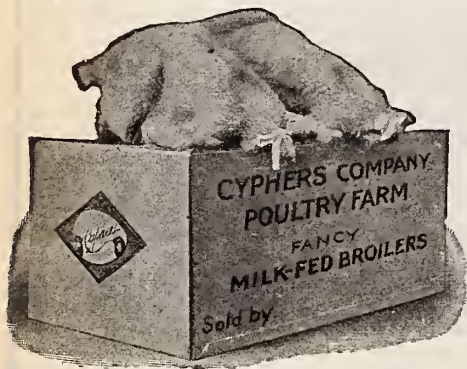
Gentlemen: Please reserve for me and send me FREE, without obligation, copy of the first edition of your Poultry Growers' Guide for 1912, and the full facts about Cyphers Company Service.

Name

Address

WE ASK YOU TO TRY OUR FEEDING METHODS

SUCCESS IS WHAT YOU WANT, Reader—success *in raising* chicks—success in your *poultry work*, in your ENTIRE POULTRY VENTURE. For fifteen years Cyphers Incubator Company has been studying the *successes and failures* of poultry raisers—has found out the safe and profitable methods to adopt, also the *pit-falls to be avoided*—the mistakes that spell disaster!



Made from Photograph of 2-lb. Broilers Produced on Cyphers Company Poultry Farm, 1911, by Use of Cyphers Sealed-Bag Brand Poultry Foods. Also Shows Carton in Which Broilers are Marketed.

RAISING THE CHICKS you hatch is the most difficult—also the *most important* part of your poultry work. The question of *whether or not* your poultry enterprise *is to show a profit*, will be decided by the success you have in *carrying the chicks through in safety, health and vigor* from the Incubator to the Colony Coop or fattening pen. If for any reason you *are not able* to raise the chicks—and the *right kind of chicks*, partial or total failure is *unavoidable*.

Among the *most valuable discoveries* made in behalf of poultry-raisers during the last dozen years, the greatest in *real importance* is the use of dry-grain, evenly-granulated, properly-balanced *food for little chicks* in place of the raw and “cooked” messes and the coarse-grain, irregular mixtures that were fed to chicks “any old way” *until recent years*, even by well-informed poultry raisers.

It has long been said that “*the proof of the pudding* is in the eating of it.” The proof of the value of Cyphers Sealed-bag, Trade-Mark Brand, Balanced-ration Poultry Foods *is in the feeding of them*—is to be found in the *highly profitable results* obtained by our thousands of customers who last season used more than a quarter of a million dollars (\$250,000.00) worth of these foods. Following is evidence down to the minute:—

RECENT SAMPLE REPORTS FROM CUSTOMERS

“The Banner Lot of All”

Box 168, Clovis, Cal., July 29, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

I consider your Sealed-Bag Brand Poultry Foods to be the best on the market. I tried four other well-known brands of Chick Food, but none of them could equal the Cyphers. For one pen of about 300 chicks I used your Chick Food almost exclusively and then Cyphers Developing Food and they were the banner lot of all. They developed much more uniformly than their competitors and feathered more perfectly.

A. S. WOODWARD.

Facts Talk—Nine Years!

Elcho, Wis., Nov. 21, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

Am using one and one-half tons each month of your poultry foods and while the first cost is more, I have found them cheaper in the end, because there is no waste and the grain is all sweet and clean. By the use of your Chick and Developing Foods I have been able to raise 95% of the chicks and to produce two-pound broilers at ten weeks old. Have been a user of your goods for nine years.

R. P. GUPTILL.



CYPHERS CO.'S CHICK FOOD

This 100-pound bag will feed 100 Newly-Hatched Chicks four weeks, or 50 chicks six to seven weeks. Price, \$2.50, f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price f. o. b. Oakland, \$3.00.

“Chick Loss Was Stopped”

York, Neb., Jan. 8, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

Have used your Poultry Foods exclusively for the last six years. These Foods are unsurpassed—especially the Chick and Developing Foods. Before that time I had used most anything called “chick food” sold by local grocers and feed dealers, and they were called “the best” of course, but I continually lost chicks and it was not until I began using Cyphers Chick Foods that I found out where the trouble was and the chick loss was stopped.

STROBEL'S ORCHARD FARM,
Fred. Strobel, Prop.

“For the Last Ten Years”

Clayton, N. Y., March 1, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

I have used your Chick Food for the last ten years and have found it to be the very best on the market. Have used other so-called best brands, but have discarded them all for your make. Last year I used 3,000 lbs. of your Chick Food and raised to maturity 93% of all chicks hatched. When you use one bag of Cyphers Company Food and get the second one, you will know it is exactly the same and made of the best quality of grains.

HUBERT C. PATTERSON.

“Good Strong Fellows, Too”

Augusta, Mich., Nov. 6, 1911

Cyphers Incubator Co., Buffalo, N. Y.—

The past season I gave your Poultry Foods a fair trial and after this it is “Cyphers Foods exclusively for me.” I hatched a bunch of 105 Barred Rock chicks—good strong fellows, too. I was then feeding a chick food that I bought of a milling company at \$2.00 per 100 lbs. In eight days time I had just 51 chicks left. I got desperate as they were choice chicks, ordered a bag of Cyphers Company Food from your Chicago Branch House by telephone, began feeding it at once and lost only seven chicks from that bunch afterward. How much would that \$2.50 bag of food have been worth to me at the start? For the balance of the season I used Cyphers Food exclusively and had fine results. I am a beginner, but have learned that Cyphers Foods are the cheapest when results are counted.

W. C. HODGES.

“Early Broilers and Roasters”

Cyphers Incubator Co., Buffalo, N. Y.— Millington, N. J., Nov. 10, 1911.

It gives us pleasure to state that we have used your balanced-ration Chick and Forcing Foods for over five years and have them to be of the highest quality, made of pure grains and free from waste and grit. We know of nothing better on the market for the production of early broilers and roasters.

CRYSTAL SPRING FARM, H. C. Adams, Mgr., Poultry Dept.

“Grow Better—Lay More Eggs”

Lake View, Me., Nov. 16, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

Have used large quantities of your ready-mixed, balanced-ration poultry foods and consider them the best on the market. Have given your various foods a thorough test alongside of other brands and find yours far superior to any other. There being no waste, your foods go much farther than other brands and pullets fed on Cyphers Chick, Developing and Scratching Foods grow better and lay more eggs than when fed on other commercial foods or on home-made mixtures.

WALTER COBB.

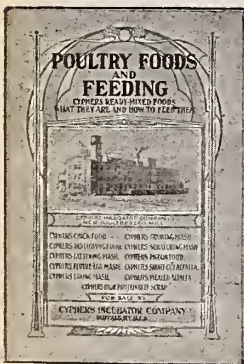
His Chicks Stopped Dying

Cuba, Mo., Jan. 24, 1911.

Cyphers Incubator Co., Buffalo, N. Y.—

Last season I used your Chick Food and found it just the thing. None of my little chicks died after I began using it and they grew like weeds. I tried another kind of chick food from another firm, and had about 250 chickens that I fed it to. Most of them died before I realized what was the matter. As a result of my experience I have resolved never to use any other kind of poultry food but Cyphers as long as I am in the business of raising chickens.

SAM. A. STACK.



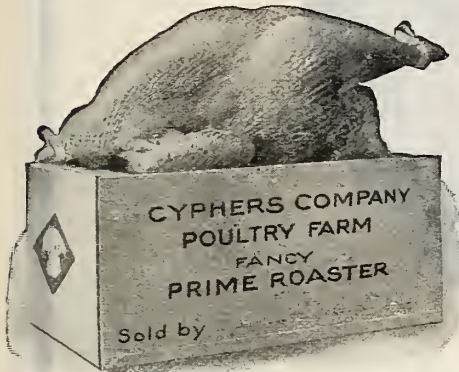
A Copy of this Truly Valuable Book (1912 Edition) will be Mailed FREE to any One on Request.

THEY WILL DOUBLE YOUR POULTRY PROFITS

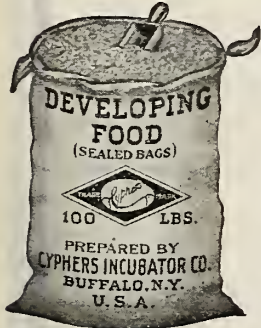
WE WERE PIONEERS

and is a properly-balanced, long-tested, *scientific* ration.

in the manufacture and sale of granulated, dry-grain food for little chicks. Our Brand of Chick Food has been in successful use twelve years! CYPHERS CHICK FOOD consists of six different grains It is a *complete food* for young chicks—no other grain ration being *required*, or advisable.



Sample of Premium-Price Roasting Chickens Produced on Cyphers Company Poultry Farm, 1911, by Use of Our Sealed-Bag Brand Poultry Foods. (From Photograph). Weight, dressed, 6 Lbs. at 20 Weeks Old.



CYPHERS CO.'S DEVELOPING FOOD

This is a medium-Granulated, five-grain balanced ration that we advise our customers to feed to Growing Chicks Between the Ages of Six and Twelve Weeks, before they are given whole Grain. Write for prices.

SPECIAL OFFER:

TO EVERY PURCHASER of Cyphers Poultry Foods we supply free a sixteen-page booklet entitled "Poultry Foods and Feeding," which gives definite information on how to use our Foods to best advantage. **ADDITIONAL TO THIS** (for the season of 1912) we shall give to each customer who buys a 100-pound bag of Cyphers Chick Food and Developing Food, a free copy of Book No. 8 of the Cyphers Series on Practical Poultry Keeping, entitled "Profitable Poultry Feeding," a book of sixty-four large pages that contains much valuable information on the *most successful methods of poultry feeding*, both for chicks and adults. Only one copy sent to each customer. Ask for *your copy* when you send in your *first order*.

Send orders and address all letters to our nearest office and branch store, as follows:

This food is *guaranteed by us* to be composed entirely of sound and wholesome grains—no weed seeds, no by-products, no waste materials, no grit. It is granulated and mixed by *special, patented machinery* and is always the same—always reliable. Cyphers Chick Food—the genuine trade-mark article—is **PUT UP IN SEALED BAGS** to prevent substitution and to protect the interests of thousands of earnest men and women who *year after year* are raising chickens "the Cyphers Company way."

WE ASK YOU, READER, to try our way and to do it now, *at the very beginning of the present season*, when it will profit you most. One bag will tell the tale! The cost is a mere trifle. It will neither break you nor make us. At today's prices for *sound, sweet, wholesome grains* you could not

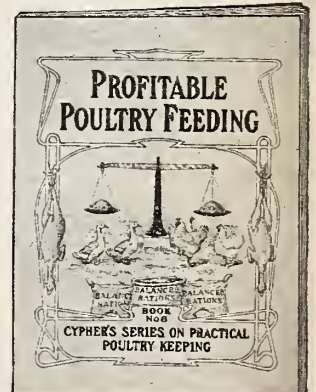
possibly buy the separate ingredients of this food *at as low cost* from any local feed dealer. Besides this, there is the *correct formula*, the special machinery for proper granulation, cleaning and mixing, for *successful* manufacture—also *our guarantee* and the *sealed bag* for your protection.

CYPHERS CHICK FOOD is sold in 50 and 100 lb. bags. Every sack contains a free booklet "Poultry Foods and Feeding" (see illustration) *giving full directions for correct and economical feeding*. One pound of this food will go as far and *do more good* than two pounds of by-product "chicken feed" of the ordinary kind. Test *our strong claims* by trying a sample bag—*then you will know*. It is always ready to use—and there is no waste! The chicks eat it all—*eat it to the last particle*. It preserves *chick-health*—the natural state! It insures **RAPID GROWTH** and is *equally valuable for hen-hatched and for incubator chicks*. Year after year the *same customers* buy and use it because they get *unequalled results* and have found they can rely on its *uniform quality*. All chicks produced on the Cyphers Company \$50,000 poultry farm are fed this food and we grow them *every year by the thousands*.

For a trial 100-lb. bag send \$2.50 to any of our **SIX PLACES OF BUSINESS**, except Oakland, Cal., (Oakland Price per 100 lb. bag is \$3.00). Order from *our place of business nearest you* and thus secure low freight rate and quick delivery. Quantity prices mailed on request. Sold also by many authorized agents.



Sample Capons Produced on Cyphers Company Poultry Farm, Season of 1911. Raised on Cyphers Sealed-Bag Brand Poultry Foods. Average Weight 9½ Lbs. at 9 Weeks of Age.



One copy sent FREE to each Customer Buying Cyphers Company Poultry Foods, season 1912.

CYPHERS INCUBATOR COMPANY

Factory and Home Offices, Dept. 31, BUFFALO, N. Y.

NEW YORK, N. Y.
23 Barclay St.

BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-342 N. Clark St.

KANSAS CITY, MO.
317-319 S. W. Blvd.

OAKLAND, CAL.
2127 Broadway

Also 2,000
Selling Agents



EGGS FOR HATCHING

I bought 15 eggs from Mr. Kellerstrass. The chicks are not yet three months old and will weigh easily three pounds each at this writing. I shall, if I live, exhibit these wonderful birds at our State Fair in October, and if justice is done in the judging I shall score a triumph; \$100 APIECE WOULD NOT BUY THESE BIRDS FROM ME.

J. L. M.,
Utah, July 30, 1909.

I bought eggs from Mr. Ernest Kellerstrass. I had remarkable hatches from said eggs, obtaining 66 2-3 per cent. in good, fine chicks, of which I am justly proud. I have visited his splendid farm on two occasions, at which time I made the acquaintance of Mr. Kellerstrass, and looked closely into the methods employed by him in the conduct of his farm, and will say that a view of Mr. Kellerstrass' birds would set the most conservative and cold-blooded chicken fancier to glow with enthusiasm.

A. S. D.,
Oklahoma, July 12, 1909.

I bought 15 eggs from Mr. Kellerstrass. I got ten chicks, and they are all living. I have handled four other breeds, and must say that the Crystal White Orpingtons are the best. They are the first to mature and they are the healthiest birds I have ever kept.

J. W. H.,
Minnesota, July 12, 1909.

I bought 15 eggs of Mr. Ernest Kellerstrass. The chicks were hatched April 16 and I have so far succeeded in raising all that were hatched. Everyone who sees them thinks they are the finest lot of chicks they ever saw. I am well pleased with them. I HAVE ONE PULLET THAT I WOULD NOT TAKE \$50.00 FOR. So you see I think I am away ahead on the deal.

W. M.,
Pennsylvania, July 4, 1909.

The above testimonials speak for themselves. Look through this Poultry Journal and you will see MORE SUCCESSFUL BREEDERS ADVERTISING KELLERSTRASS CRYSTAL WHITE ORPINGTONS than any other breed. ANY TIME BETTER BIRDS ARE BRED KELLERSTRASS FARM WILL BREED THEM. If you want to know more about them or the price of stock and eggs SEND FOR OUR FREE CATALOGUE.

I bought a setting of eggs from Mr. Ernest Kellerstrass. I have seven very fine birds from them; all strong, large, healthy chicks. I have one pullet from this lot that \$50 would not buy. I also have thirty more eggs that will come off next week.

I find Mr. Kellerstrass a very fine gentleman with whom to do business—prompt and square, and he shall receive an order again next season from me.

E. F. B.,
Wisconsin, July 12, 1909.

I bought a setting of eggs from Mr. Kellerstrass. I hatched 14 chicks from the setting. I have raised every one of these chicks and they are strong and healthy. They are perfect beauties and I can say that Mr. Kellerstrass has certainly been square with me in his dealings. I have had a very successful year all around with my Crystal White Orpingtons, raising 200 birds and sold about \$100 worth of eggs besides from ten pullets.

P. J. H.,
Georgia, July 21, 1909.

I bought two settings of eggs from Ernest Kellerstrass this spring, and I have never seen any better chicks anywhere. While at present they are but half grown, they have great strong legs and feet. I have some eight hens that were hatched from eggs of Mr. Kellerstrass last season and they have proven to be wonderful layers and the most satisfactory of fowls. My dealings with Mr. Kellerstrass have been very satisfactory.

R. E. W.,
Nebraska, July 14, 1909.

I bought a setting of 15 eggs from Mr. Kellerstrass, hatching and raising 12 chicks out of the 15 eggs. All are healthy, vigorous birds, and I expect to do some showing with them this fall and winter.

F. A. M.,
Indiana, July 12, 1909.

I bought eggs from the Kellerstrass Farm and the chicks hatched from these eggs are chicks indeed.

As to the vigor of the Crystal White Orpingtons, I think they are unsurpassed, as I have proof of that this season by the birds from the eggs I purchased from them last season, 1908—about 95 per cent. HATCHED. The Kellerstrass Farm has always done the square thing with me, and they have my best wishes.

J. S. B.,
Washington, July 12, 1909.

I purchased eggs from Mr. Kellerstrass. The chicks hatched from these eggs were very strong and vigorous. It was never my lot to have a stronger or more healthy lot of chickens, and growing like weeds. I am more than proud of them and have wished many times this summer that I had gotten two settings of eggs instead of one. I expect to have them on exhibition this coming winter and expect to win some ribbons.

R. M. G.,
Iowa, July 17, 1909.

I bought eggs from Mr. Ernest Kellerstrass and will say that the chicks hatched from these eggs are strong, healthy and as fine little chicks as you ever saw.

I find that Mr. Kellerstrass gives his customers their money's worth. I am very much pleased with the square dealings I had with him.

E. J. L.,
Pennsylvania, July 20, 1909.

I bought eggs from the Kellerstrass Farm. I am very well pleased with my treatment by Mr. Kellerstrass. The birds seem to be healthy and thrifty and look good to me, as I am a breeder of prize birds. I think I received my money's worth, and expect in a few months to fill my pens by purchasing a few more pullets from him.

R. S. D.,
Ohio, July 12, 1909.

KELLERSTRASS POULTRY FARM, 9124 Westport Road, KANSAS CITY, MO.

THE BROOKSIDE FARMS
BREEDERS OF JERSEY CATTLE.
WHITE YORKSHIRE PIGS. SINGLE
COMB WHITE LEGHORNS. BARRED
PLYMOUTH ROCKS. WHITE ORPING-
TONS. TABLE EGGS. EGGS FOR
HATCHING. DAY-OLD CHICKS

GREAT BARRINGTON, MASS.,

February, 29th, 1912

My Dear Tom,

Did you ever hear of any one failing in the poultry business, I should say I had.

Have you tried it? Not I.

Why Not? Because it is all a fake.

Who says that? Everybody.

Oh! Yes Everybody, Then it MUST be true.

There we have a typical case of a weak and sickened man, who, rather than try a simple and inexpensive experiment within the easy reach of any one having a week's wages in his pocket, prefers to keep on plodding and hopelessly toiling at an uncongenial everlasting profitless grind with nothing in prospect but old age and poverty. What a spectacle, what a tragedy, are YOU a Tom? Then write us, it only costs two cents.

THE BROOKSIDE FARMS.

The Brookside Farms, Box B, Great Barrington, Mass.

THE PLYMOUTH ROCKS

Barred, White, Buff, Silver Penciled, Partridge, Columbian

A complete and authoritative text book and instructive treatise devoted to the Plymouth Rocks, America's most popular breed of standard fowls. Explains standard requirements, and tells how to select the right breeders and how to mate them for showroom success.

Edited by WM. C. DENNY

Breeder and Judge of national experience, and Chairman of Sub-Committee on Plymouth Rocks of General Committee on Standard Revision for 1910.

(NOTE.—This is the sixth edition of "The Plymouth Rocks," and we have aimed to make it worthy of America's greatest addition to the world's races of domestic poultry. In our work we have received valuable assistance from the best informed poultrymen of the country and the most expert poultry artists. The new book is entirely re-written; is strictly down-to-date in both text and illustrations, including new drawings, charts and photo-reproductions. This latest edition of "The Plymouth Rocks" is published jointly by the American Poultry Publishing Company, Buffalo, N. Y., and the Reliable Poultry Journal Publishing Company, Quincy, Ill., and should aid greatly in still further popularizing the Plymouth Rock family of standard-bred fowls.—WM. C. DENNY, Editor, "The Plymouth Rocks," 1911 Edition.)

Profusely and expertly illustrated by Franklane L. Sewell, A. O. Schilling and I. W. Burgess. Three-color plate reproductions of oil paintings of noted prize-winning Barred, White and Buff Plymouth Rocks by Artist Sewell.

TEXT AND ILLUSTRATIONS ARE BASED ON THE CHANGES APPEARING IN THE 1910 STANDARD OF PERFECTION



Special chapters include as examples :

ORIGIN AND EARLY HISTORY OF PLYMOUTH ROCKS

By F. W. Proctor, E. Brookfield, Mass.

A Most Careful and Exhaustive Research into the Origin and Development of the Plymouth Rock Family. Illustrated with Rare Old Prints. An article of truly encyclopedic scope and value.

PLYMOUTH ROCKS AS EXHIBITION FOWL

A thorough discussion of points of importance, that makes the Plymouth Rocks popular as an exhibition fowl, with articles on judging and preparing for the Showroom, by D. E. Hale, I. K. Felch and P. H. Scudder.

PLYMOUTH ROCK SHAPE

By Franklane L. Sewell, Niles, Mich.

Describing and Illustrating Plymouth Rock Type and the Gradual Changes that have Resulted in a Longer Body with Consequent Greater Value as a Utility Fowl.

PLYMOUTH ROCK COLOR

By F. W. Proctor, E. Brookfield, Mass.

Science of Natural Color in Barred Rocks. An Analytical Discussion of the Development and Improvement of this Most Popular Color of our Most Popular Breed. Of Great Value and Interest to Every Breeder.

COLOR IN BARRED PLYMOUTH ROCKS

By Franklane L. Sewell

An Especially Interesting and Valuable Article for Every Person who is interested in this Famous Variety. Rare Illustrations Showing Changes in Color from the "Old Hawk Color" to Present-day "Zebra Barring."

Special Chapters on Barred, White, Buff, Silver Penciled, Partridge and Columbian Rocks, with Articles on Mating, Breeding and Judging by noted Breeders and Judges, including M. S. Gardner, A. C. Smith, E. B. Thompson, Victor Bradley, A. C. Hawkins, C. H. Latham, W. S. Russell, M. F. Delano, F. W. Briggs, C. H. Wells, U. R. Fishel, F. H. Davy, F. Huyler, C. H. Ward, F. L. Platt, W. Theo. Wittman, W. F. Fotherall, S. F. Noftzger, Lyman H. Hill, and J. W. Parks.

1910 STANDARD CHANGES

By William C. Denny

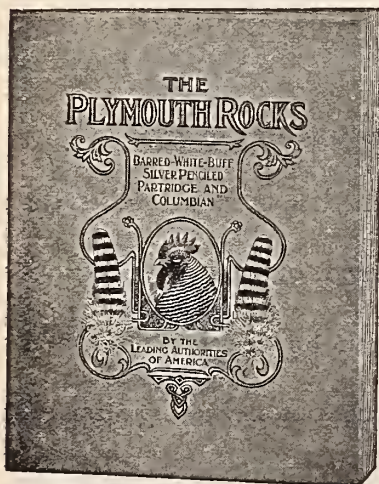
Valuable Discussion of the Standard for 1910-1915, Including Changes Made and Why They Were Made; How They Will Affect the Breeding Problems that Now Confront Breeders of Plymouth Rocks.

Progressive breeders and exhibitors who wish to keep abreast of the times cannot afford to be without this book. Sketches by A. O. Schilling that will prove invaluable to breeders, bringing clearly before the eyes of all admirers every point of the Plymouth Rock in detail. **The text and illustrations not only bring the book down-to-date, but anticipate the advancement of the breed for years to come.**

NON-STANDARD VARIETIES OF PLYMOUTH ROCKS

By J. H. Drevenstedt

Devoted to the Latest Creations of Plymouth Rock Varieties. Facts Regarding the Origin and Development of the Partridge, Columbian and Golden Barred Rocks.



COVER DESIGN

"THE PLYMOUTH ROCKS"

1911 Edition.

The Plymouth Rock book will consist of large pages, 8½ x 11½, will be printed on first-class paper and bound in a handsome cover. An instructive and complete treatise, fully illustrated, including three full-page color plates of Barred, White and Buff varieties, and half-tone plates of feathers taken from living models, selected by our artists at leading poultry exhibitions of United States and Canada.

Now ready for mailing. Price, \$1.00 per copy, postpaid. With AMERICAN POULTRY WORLD for three years, \$1.75. One year, \$1.25.

American Poultry Publishing Co., Buffalo, N. Y., U. S. A.

**We
Won Again
This Year at
Boston**

**Grand Prize and Silver
Cup for Best Display**

Twelve Regular

Four on males, five on females in open classes.

18 Special Prizes

Including Grand Color Special for males
for second time in two years

**Also Special Prize for Three
Best Cockerels and Pullets**

Display prize proves the
general excellence of our
Strain. Buyers of our
Strain can depend on a
high percentage of
prize winners.

Pittsfield Day-Old Chicks And Hatching Eggs Mean Sure Poultry Profits

Breed Pittsfield Strain Barred Rocks—the surest and safest road to poultry success. Barred Plymouth Rocks have always been the profitable breed. Pittsfield Strain has been bred for years to secure definite utility results—*early maturity, sure heavy laying, strong vitality.* These are the three great qualities that make this strain so profitable. These are the qualities for which the Pittsfield Strain is noted

We Guarantee Pittsfield Chicks To Reach You in Good Condition

We do not hesitate to make this positive guarantee. We have had vast experience in chick shipping and have great faith in the vigor and hardiness of our stock. In June, 1909, we made the longest known successful shipment of chicks to Laramie, Wyoming. Last year we shipped into 43 states—two shipments went 500 miles further than our record breaker of 1909.

We also guarantee safe delivery of hatching eggs and expect to make good unreasonably poor hatches. All eggs are shipped on the day laid. Makes good hatches more certain. Eggs produce the same quality of chicks as those we ship. The kind that pop from the shell full of the 'spirit of '76

Insure Yourself Success This Season By Booking Your Order Now

Last year we received many more orders for chicks and eggs than we could fill. Now we have trebled our hatching capacity and also increased our production of eggs. Yet we feel sure our capacity will be none too great. The one sure way to get chicks and eggs when you want them is to place your order now. Costs you nothing. Not a cent need be paid until just before shipment. You have everything to gain and nothing to lose.

Our Recent Acquisition of the Famous Gowell Strain

means even better values for our customers this year. Hereafter the famous Gowell Strain of heavy layers will be bred and sold under the Pittsfield trade mark. The interbreeding of these two world-renowned strains of heavy layers will certainly result in a strain that will excel either of the parent strains in profitableness, as the mixture of two distinct bloods will create even greater hardiness and greater impetus for unusual production.

Breeding Birds For Sale

Owing to the great size of our plant we can always supply customers with breeding birds in any quantities. Our prices are exceedingly low and we offer some splendid values in pens of one dozen or more. Pittsfield utility stock is strictly thoroughbred and often prove prize winners. This does not surprise us, as it is not only bred for the highest practical point of production consistent with retained vitality but is also carefully bred for feather and type. Health and vigor are nursed by careful raising on free unlimited range as close to nature's conditions as possible. They are inured to climatic conditions of the severest sort; they are bred in Maine. They will thrive anywhere and may be depended on to produce results not only themselves but also in their offspring.

Send for "Money Making Poultry"

A third edition of this valuable book has just been issued. It gives you the very latest word in making money from poultry. Handsome illustrations show our Boston 1911 prize winners and other ribbon and high scoring birds. It is a book of greatest value to any poultryman or anyone who plans to stock a poultry yard. The discussion of varieties, the methods of feeding, the building of poultry houses, gives help of a practical kind. We will send you a copy free upon request. Send for a copy to-day

Pittsfield Poultry Farm Company
276 Main Street
Pittsfield, Maine



EXHIBITION STOCK

The surest winning line of exhibition Barred Rocks in this country. Ask the man who has shown them. Excellent show birds and breeding birds for sale at all times at reasonable prices. Prices of eggs from winners \$10 for 15, \$30 for 50, \$50 for 100. Reasonable hatches guaranteed. Book your order NOW.

Handsome booklet describing
Special Matings for
1912 Now ready.
Write for
copy.

"ZAZA"



"BILL TAFT 6th"



"BILL TAFT 5th"



"VENUS"



"ZAZA" FIRST PRIZE HEN, "BILL TAFT 6th" SECOND PRIZE COCK'R'L
"BILL TAFT 5th" FIRST PRIZE COCK'R'L, "VENUS" FIRST PRIZE PULLET
ROSE COMB RHODE ISLAND REDS, WINNERS AT MADISON SQUARE GARDEN NEW YORK DEC. 1911.
BRED AND OWNED BY KAUFMANN & WINDHEIM NUTLEY, NEW JERSEY.

The four Rose Comb Rhode Island Reds illustrated above were the stars in their respective classes at the Madison Square Garden Show, December, 1911. Not only did these birds excel in shape, but they were brilliant in color as well. Artist Schilling has succeeded admirably in bringing out the characteristic type of the Reds. The males and females showing the horizontal backs and long bodies that all good Reds should possess. The comb and head points in both the second prize cockerel and the first prize pullet are also very good. Kaufmann & Windheim have made remarkable records in the show room with their splendid strain of Rose Comb Reds in the past, but we doubt it if they or any other breeder ever exhibited four as high class specimens as those delineated above.

AMERICAN POULTRY WORLD

Vol. III

MARCH, 1912

No. 5

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POULTRY ON THE FARM AND IN THE BACK-YARD

GREAT CHANGES MADE IN THE METHODS OF HOUSING AND CARING FOR POULTRY ON THE FARM AND IN BACK-YARD POULTRY KEEPING. THE COMMUTER AN IMPORTANT FACTOR IN ESTABLISHING SMALL POULTRY PLANTS. BACK-YARD POULTRY KEEPING THE MOST PROFITABLE PER HEN

BY GEO. A. COSGROVE

[EDITOR'S NOTE:—The article printed below is from the pen of one of the oldest and most successful poultry raisers in the State of Connecticut. Mr. Cosgrove's contributions to the "Rural New Yorker" on practical poultry topics have been read with profit by thousands of farmers and suburbanites, while his lectures on poultry topics at Farmers' Institutes are always listened to with pleasure and confidence, as Mr. Cosgrove knows every angle of practical poultry culture, and knows how to impart this knowledge in an entertaining and convincing manner. George A. Cosgrove is a member of the Board of Agriculture, State of Connecticut, having been appointed to the office by Gov. Simeon F. Baldwin.]



GREAT change has taken place within a few years in the manner of housing and caring for poultry on the average farm. Not so very long ago the farmer's poultry house might be described as follows: About nine feet high in front and six feet high in the rear, with one or two windows so high up that the winter sun never reached the ground inside. Three stout poles slanted from near the roof to the ground and on these poles small roost poles were nailed. A few old boxes or nail kegs for nests completed the equipment. Once a day the hens had some corn fed to them; no eggs were laid and none were expected. There are many of these old poultry houses still in use in New England on the old back farms. In every detail these old houses are just as exactly wrong as it would be possible to make them. In building a cow stable the present rule is to allow one cubic foot of air space for each pound of cow flesh. A 1000 pound cow requiring 1000 cubic feet of air space. Lets apply this rule to poultry housing. Take a house 10 feet square, there is 100 feet of floor, put 25 four pound hens in it, and you have 100 pounds of flesh; now to have a cubic foot of air for each pound of hen, the house must be *but one foot high*. Compare that with the farmer's hen house and imagine what chance the hen has to be comfortable. Roosts should always be on the same level and never nailed fast, and never less than three inches in diameter. The hen closes her feet entirely around a small roost and the toes on the under side of the roost can not be covered by the feathers, consequently they are liable to get frozen on cold nights. Deep nests are to be avoided, a heavy hen jumping down into a nest with several eggs in it is quite liable to break one and immediately finds the most delicious thing she has ever tasted. After eating all of it she naturally scratches to find more, throwing the other eggs against the side of the box and perhaps breaking another, and the next day repeats the operation and you have a confirmed egg eater. A short time ago nearly all the poultry magazines had questions asking how to cure egg eaters, and none so far as I saw gave a good cure. Here is one that has always cured mine. With a sharp knife pare

both the upper and under part of the beak until it is down to the "quick", don't make it bleed and pare only the front end $\frac{1}{4}$ inch back. This makes the beak tender and when she picks at an egg shell, it hurts. Put a few china eggs in the nests for her to try it on. The beak will quickly grow out again. This has never failed to cure egg eating among my hens, and it is also a sure cure for feather pulling as the beak does not come together close enough to pinch a feather sufficiently tight to pull it out. At the same time it does not prevent the hen from eating a dry mash, or small grain if fed in a trough. To pick small grain from the ground would bother her for a week or so.

The panic of 1893 put one hundred thousand men and myself out of work in New York City. City born and bred with no knowledge of farm work, in poor health and 57 years old, with no boys to help, we decided, notwithstanding the handicaps, to buy a farm; and there has never been an hour in these 18 years since when any of us would have been willing to sell out and go back to the city. Poultry keeping has been the beginning, middle and end of our success in making a living on a farm. We tried cows at first and failed, but 500 hens properly housed and cared for have enabled us to entertain our city friends every year, make a good living for five in family, and put some money in the bank against the proverbial "rainy day." Can anybody do it? I would be glad to say, yes, but the truth compels me to say no. A man needs to be in sympathy with what

he is doing, so that he can enjoy the pleasant things, and do the disagreeable things without too much wear of his nerves. He needs to be a persistent man who don't know when he is licked, but keeps at it until he wins out.

The statements in this series of papers are not theories, but actual experiences, and while there is no, pretense of great profits of six to ten dollars per hen, as we read about so often, the means which have enabled us on a farm to get a good living from our poultry will be freely told.

The seventeen hens we bought with the place in September, after they had molted, laid steadily all winter, never skipping a day, that is there was no day on which we did not get an egg, and in all the eighteen years there has never been a day at any season of the year, when no eggs were laid. We increased our flock slowly until we

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GEO. A. COSGROVE'S BREEDING HOUSE,

One of Mr. Cosgrove's poultry buildings erected by himself at a cost of fifty dollars. The size is 10x40, divided into four pens.

THE BARRED ROCK AND THE STANDARD

THE ILLUSTRATED STANDARD NOT THE MONUMENTAL SUCCESS THAT WAS ANTICIPATED. THE BARRED, WHITE AND BUFF MODELS NOT IDENTICAL IN TYPE. EVERY EYE FORMS ITS OWN IDEAL OF BEAUTY. THE BARRED ROCK MODELS DISSECTED. MODELS REPRODUCE THE LIVING TYPE, AND NOT THE VAGARIES CALLED FORTH BY THE STANDARD DESCRIPTION

BY F. W. PROCTOR

[EDITOR'S NOTE:—Mr. Proctor makes some strong points in favor of consistent illustrations in the Plymouth Rock Standard that will prove ideal representations of the different varieties of the time or period they exist in.]



HAVE just laid down the new book, "Standard Bred Plymouth Rocks," published jointly by AMERICAN POULTRY WORLD and Reliable Poultry Journal, and I must say that ordinary expressions of commendation can do but scant justice to a work of such commanding interest. No breeder but could well afford to lay down the price of his best specimen for this book if not forthcoming at less price. Take it from me that each of several contributions contained, is worth a king's ransom to any earnest fancier. Sewell, Denny, Thompson, Smith, Welles, Hawkins, Latham, Russell, Bradley and Gardner—what a galaxy of stars! and many others pour out their ripe experience in these pages. The one by M. S. Gardner, whose late untimely death gives occasion for the only author's portrait in the book, inspires the claim that it is of unmatched interest, being the product of years of the most skilled efforts as a judge and breeder, and this final document from his pen renders both it, and the book as an entirety, a most fitting memorial of a noble character. The chapter on Barred Rock Plumage by Mr. Sewell, with its comprehensive treatment of all possible phases of the subject, accompanied by eighty-odd half-tones of typical specimens and separate feathers from same, is, beyond doubt, the most notable contribution to poultry literature ever written, and goes far to cover all the ground that the Standard so notably fails to cover.

OUR PRESENT STANDARD

While my subject has to do with certain Barred Rock problems, the foregoing makes a good introduction. Our Standard of Perfection is undergoing a grill of criticism chiefly as regards its illustrations. But I would ask, is it not the meagreness with which the Standard presents the ideals of breeds—text and pictures taken together—its prime defect? Of what use is a Standard unless it presents in full the specifications of breeds? We create a Standard, copyright its contents, and presume that we have endowed it with authority. Its very paucity of detail creates a demand for something more replete, more satisfying as regards instructive quality. And are we to blame private enterprise that it steps into the gap to supply the bread of knowledge that the public craves? Now, is the Standard,

as at present constituted, the actual authority upon breeds which it purports to be? Where is authority vested but in the dominant influence of leading fanciers? And which best represents such authority of the two works under consideration?

OUR FIRST VERSUS OUR PRESENT STANDARD

It is now nearly forty years since the Standard first appeared, its first edition nearly identical with, and about as replete as, that of today. The present writer, realizing its crudeness and inadequacy, long ago publicly urged a more generous treatment; but conservatism won out as usual, and we are now more sensibly than ever confronted with the problem how to shape a Standard which shall worthily represent the thoroughbred poultry interest. And I consistently hold that, by condensation and economy of makup or work of the Standard's present size, it could be made to bear twice the matter at present contained. If this accession of material is of the practical order, the work could thus be made to appeal to the utility breeder, its sales accordingly augmented and mission work for the thoroughbred interest extended. I cannot believe that I stand alone in advocating this.

THE ILLUSTRATED STANDARD

The illustrated Standard has not panned out the monumental success that was anticipated. With the old editions, not illustrated, there had been a degree of latitude in interpreting their text which did so hamper the onward march of ideals. In some instances the models have not been faithful representatives of their breeds when new. With long revision periods—actually amounting to some several years between breaking ground and the new harvest—some of the cuts get to be shocking antiques. In the degree of a breed's popularity and actual advancement, the growth of the ideal is a ceaseless process. Successive show seasons bring forward their marvels—just a notch ahead of the previous best—and the photo-reproduced winners appearing in the poultry papers thus become the real exponents of advancing types. If we imagine old Lot starting out on a seven years' jaunt and his wife (she of salty tradition) to stand looking backward at the cross-roads during that interval, we have a tolerable figure of the out-of-date millinery look of Standard



A view showing a portion of the White Orpington Farm of Lawrence Jackson, Haysville, Pa. In the illustration may be seen one of the long stock houses, together with a few of the many colony houses that are used here. The many trees furnish an abundance of shade and thus protect the birds from the intense rays of the summer sun. The lack of natural vegetation is a great drawback on farms. The Jackson Farm possesses many natural advantages.

models when time has taken the bloom off their once ravishing forms. How are we to adjust this incongruity of a fixed Standard and advancing ideals? Will it be by more frequent revisions, thus changing our long term Standard

to bodily proportions, variation within certain limits is a requisite. It would be a mighty dull exhibition which should see all Rock males as uniform in type as so many ducks. Fortunate is the breed whose plumage pattern of color allows that to be the dominant feature of its fancy, allowing a good range of variation in bodily type—the expression of individuality—to be no considerable factor in making awards.

EVERY EYE FORMS ITS OWN IDEAL OF BEAUTY

The personal element in estimating type is a matter that calls for attention. The old saying runs that every eye forms its own ideal of beauty. True—of hens, as of petticoats. But it is just as true that in fowls, many of mature judgment do not recognize their own ideal when brought before their eyes—in a picture; and this is emphatically the case if the picture is composite, and so a direct challenge, and they are asked to criticise with a view to locate defects. Make the change suggested—and ten to one the fertile imagination will conjure up others, for the picture as changed is now thrown out of balance. To judge the live specimen is a simpler thing than to interpret the true meaning of the artist's lines. For here we have two distinct arts. It is astounding the assurance—based on familiarity with fowls in the flesh—of people untrained in graphic art. Imagination is, in a way, "the greatest thing in the world." It used to condemn innocents to death, until people learned to qualify it with reflection.

There was a bum critic—de Nerva,
Who deemed himself little G-hovah.

Tho' he knew naught of art—
Nor a hen from a cart—
He could crit with consummate fervor.

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WINNER OF FIRST PRIZE, NEW YORK, 1908-'09.
A. CHAWKINS, LANCASTER, MASS., BREEDER AND OWNER.

The above illustration is used at Mr. Proctor's request as showing a bird whose head is posed nearest to the Standard's model and showing good detail of plumage on wing and breast.

into a year book? If not already, will not the poultry movement soon have reached such proportions as to call for the constant service of a bureau of publication?

ABOUT THE PLYMOUTH ROCK ILLUSTRATIONS IN OUR STANDARD

We hear criticism based upon the fact that the Barred, White and Buff models are not identical in type. When have these three varieties, in the flesh, ever been identical? And could they consistently be expected to be, having had diverse origins, also in consideration of the fact that nature varies the structure of feathers according to the colors they bear? And external appearance of shape is often as much the product of plumage as of anatomy. Mr. Sewell's three models are marvelously real, each variety true to its individual color type, being the correct embodiment of living features gleaned here and there and blended into a harmonious whole. Not only are the several Rocks not identical, but they should not be; nor are Leghorn varieties identical, nor the Hamburgs; nor is any breed in its several varieties. Our grouping of distinct types under breed names is arbitrary, a convenient assembling under a common name of fowls having a marked resemblance, while not essentially identical.

A popular misconception would make some set bodily type exclusively correct and all departures from such a fault: which rule disposes of all individuality—the element that makes our pursuit possible. By such a test we might declare the faces of Lincoln, Emerson, Grant defective types of the human "phiz" based upon their divergence from Stuart's portrait of Washington. As to plumage, we may consistently demand a rigid ideal, but when it comes



WINNER OF SPECIAL FOR BEST SHAPED FEMALE
MADISON SQUARE GARDEN, NEW YORK, DEC. 1907.
GARDNER & DUNNING, AUBURN, N. Y.

Barred Rock female referred to in the accompanying article by Mr. Proctor who states, "she strikes me as the most symmetrical and typical specimen which has been brought to view in public print." This bird was included in the Gardner & Dunning flock purchased by Owen Farms.

WERE I TO START IN THE POULTRY BUSINESS

WHAT THE AUTHOR HAS LEARNED FROM EXPERIENCE. WOULD START WITH THOROUGHBREDS ONLY. SELECT VARIETY MOST SUITED FOR PURPOSES INTENDED. WHY THE THOROUGHBRED FOWL IS TO BE PREFERRED. PATIENCE A PRIME REQUISITE. ALL GREAT THINGS HAVE A SMALL BEGINNING. FOR AN ECONOMICAL START, EGGS ARE PREFERRED. THE REASON WHY. POULTRYMEN ARE NOT MADE IN A DAY. CONSCIENTIOUS AND PAINSTAKING EFFORTS REQUIRED

BY FRED C. GABRIEL



WERE I to start in the poultry business, I mean were I to start over again, I can see how I could have avoided some disasters, and how I could have progressed faster than I did. But after all, every beginner must matriculate with the School of Experience, and if he seeks the cause of failure, if he diligently hunts for the reason of the trouble, and finds it and then masters the difficulty, he may be rightly called an apt scholar; we may look for his success with a very small tuition fee having been paid to Dame Experience. Not so with the careless student, the student who does not apply himself to his task. It is he that has the heavy loss, it is he who pays so much bounty to experience and who finally becomes discouraged and quits the business.

SELECTING A VARIETY

The reader may have recently attended a poultry show. He sees visions of Black, Brown, Red and White hens in his dreams, he has made up his mind that he wants to start in the poultry business because he feels that he will derive a great deal of pleasure from a profitable investment. He will choose his variety purely as a matter of fancy in many cases; he likes a certain color best, he thinks them very handsome fowls, certainly he could not choose his breed from any other standpoint for he knows none. But were he to purchase a horse or a cow from a large stableful, he would hardly make his choice from the standpoint of color unless all other things to be considered were equal; he would make his choice from the practical side, from the standpoint of downright usefulness. But this lesson of breeds and their special points, their varying types and strong and weak points, he has yet to learn. Some day if he succeeds he will be able to give some good reason why he chooses this or that variety.

REASONS FOR USING THOROUGHbred FOWLS

I would never start again as I did, with scrubs. There is but one way in my mind to succeed, to make the greatest success, that is with thoroughbred fowls. You ask why? There are several reasons. If you have a thoroughbred flock, they are uniform in size and color, should you sell them they are an even lot, if they hang in the market their uniformity is at once conspicuous—an even size, shape, plumpness, and color of skin,—it is bound to commend itself to the purchaser.

Again the thoroughbred flock can all be fed alike—not so with a mixed flock, the grade Leghorn and the grade Orpington want different feed, a different quantity, and fed differently to them. One is much quicker than the other, nervous and active, to use the horseman's term, they don't hitch well together. You cannot get the best out of both at the same time, and you are losing on one or the other, more correctly on both of them. To succeed in these days of hustle you must get the most out of everything.

Again, a flock of thoroughbred hens will lay eggs of a more uniform shape and color, which is an especially strong point with the fancy trade. But suppose we lay aside all these reasons, and ask why was this breed originated? What was the purpose in view? If Holstein, Durham and Jersey cattle each have some particular line in which they are especially strong, why not in the different breeds of fowls?

THE REASON

Certainly there was a reason, Breed "A" is a meat producing variety. It has great size and good flesh. Can you expect a scrub to equal it? Breed "B" is an egg producing, non-setting variety. If eggs are your chief aim it will excell the common hen.

Wouldn't it be wiser to select a breed especially strong in the production of eggs, for instance, that has back of it

a century perhaps of breeding, one that has a fixed shape, color and size, than to buy some large and small speckled and polkadot pullets and mate them with a calico "rooster" and perchance raise some lavender chickens? A crazy quilt? No, a crazy poultryman. Common sense and good judgment tell you that if you have the opportunity to take advantage of the other man's brains and hard work by keeping the breed of fowls that he has perfected, you ought to do it.

You may not desire to enter the fancy business, and say that common chickens are good enough for you. They are not.

When your hen hatches scrub eggs you do not know what kind of fowls they may mature into, and you are sure that they will not be alike. What you do know if you have thoroughbred fowls is this, that the chickens will be uniform in size and color. There is no uncertainty, and if you are familiar with the breed you will know almost to a day how long it will take to make a broiler, and at what age the pullets will begin to lay. You are banking upon no uncertainty as you do with the common fowl. Don't misunderstand me as saying that there are no breeders of thoroughbred fowls that do not make mistakes in breeding for feathers instead of utility, and that will advertise their breed as being the best layers, etc. You must use your

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BLACK ORPINGTON PULLET.

A remarkably fine specimen of the Orpington type, the massiveness and size being well portrayed in the above illustration, but the neck, back and tail sections are not so well reproduced. In color this bird is exceptionally fine. —J. H. Drevestadt.

THE INDIANAPOLIS SHOW

INDIANAPOLIS, IND., FEB. 5-9-1912

TWELFTH ANNUAL EXHIBITION OF THE FANCIERS ASSOCIATION OF INDIANA SCORES A SUCCESS. TOMLINSON HALL OVER CROWDED WITH FINE POULTRY, PIGEONS AND DOGS.

BY J. H. DREVENSTEDT



THE twelfth annual show of the Fanciers' Association of Indiana was held in Tomlinson Hall, Indianapolis, February 5 to 9. It was a combination show, dogs, chickens and pigeons of high degree, holding a somewhat noisy reception during the entire week.

Too bad that such a "live wire" city as Indianapolis has no modern show hall in which to display such fine entries of dogs, chickens and pigeons to good advantage.

Tomlinson Hall is not well adapted for holding poultry shows, the floor space being inadequate while very little daylight enters from the small windows in the roof and sides of the building, making artificial light during the day a necessity, and this does not help the judges in placing their awards, on the contrary, it makes the task of judging much harder, especially in the white varieties.

But as far as we could learn the judging was satisfactory to the exhibitors and that is, after all, the main thing.

The judges announced for this show were: W. C. Denny, S. B. Lane, W. Lanus, W. W. Zike and W. C. Pierce. Owing to Mr. Denny's illness, Richard Oke was telegraphed for and was assigned to the Orpingtons and Bantam classes. Reese V. Hicks was also impressed into service and did good work judging in the Rhode Island Red alley, as well as doing effective missionary work for the A. P. A.

President U. R. Fishel, was unable to attend the show, being confined to his bed with a severe cold, much to the regret of his many friends and acquaintances present at the "Chickenfest."

TWO RIVAL SHOWS TO BE MADE ONE

Some of the officials of the other show held a month earlier in the same city, were present, and to judge by their remarks a determined attempt will be made to consolidate the two organizations and hold one exclusive poultry show in Indianapolis in future years, the elimination of the dog end of the old show being the principal bone of contention between the members of the two clubs.

The total number of competing specimens on exhibition in the poultry classes was 1556, divided among the various breeds as follows: Plymouth Rocks 357, Wyandottes 126,

Rhode Island Reds 132, Buckeyes 3, Brahmas 29, Cochins 49, Langshans 69, Minorcas 39, Andalusians 10, Anconas 10, Orpingtons 268, Polish 50, Bantams 191, any other variety 44, Turkeys 33, Ducks 104, Geese 31.

THE BUSCHMANN-PIERCE RED EXHIBIT

In addition to the above competitive entries there was a large entry of Rhode Island Reds for exhibition only, made by the Buschmann-Pierce Farms. This great display was most artistically and effectively arranged on the stage of the hall, Messrs. Buschmann and Pierce being in constant attendance looking after the wants of the fowl, as well as entertaining the many visitors that admired this superior collection of Single Comb and Rose Comb Reds. Mr. Buschmann, as vice-president of the Fanciers Association, was kept busy looking after the interest of the latter, while W. C. Pierce had to put the greater part of two days judging Wyandottes, a job he handled in fine form.

Of course the chief topic of conversation in the Buschmann-Pierce Rhode Island Red department was the burning question of the hour, viz., "Non-Fading Reds."

We had the pleasure of examining an eight year old hen, a Rose Comb Rhode Island Red, and one of her descendants, a yearling hen. In richness of color the old dame was a marvel, showing the strength of color possessed by a royally bred pullet, and if anything showing a deeper shade of color than that of the yearling hen. We have feathers from both specimens in our possession and are willing to confess that a non-fading strain of Rhode Island Reds is not only possible, but actually exists, at least among the Rose Combs. Poultry judges and breeders present who examined these birds came to the same conclusion and made no objection to signing a statement that the claim made by the Buschmann-Pierce Red Farms that their strain of Rose Comb Rhode Island Reds is "non-fading" is correct.

PLYMOUTH ROCKS IN THE LEAD

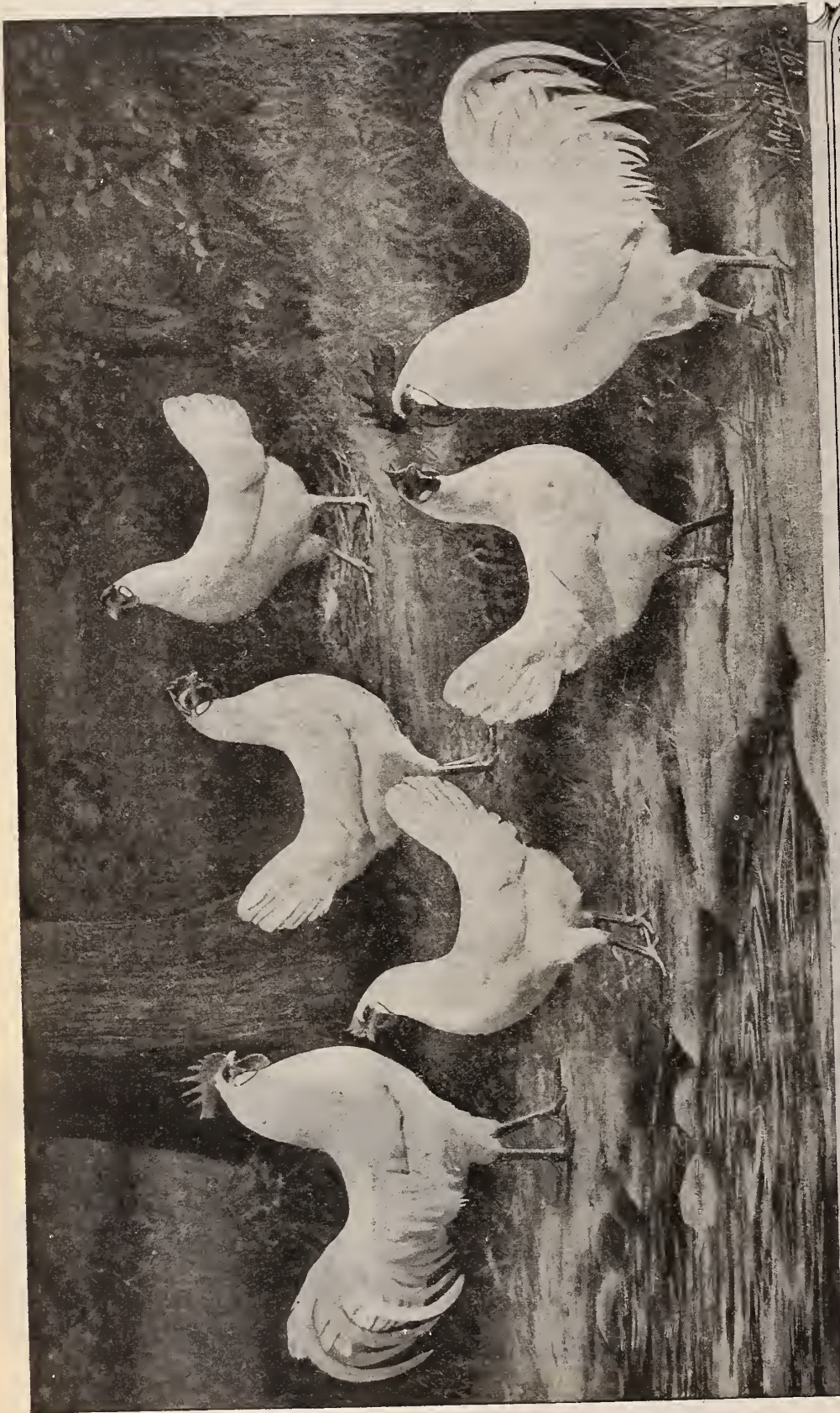
That the Plymouth Rock fowl is still a prime favorite in the west is plainly evident by the entries, the Rocks leading all other breeds with 357 specimens, their nearest com-

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VIEW OF A TEXAS POULTRY FARM

We are indebted to Mrs. H. P. Hinton, Dallas, Tex., for the photographs from which the above illustrations were made. The birds in the picture are Buckeyes bred by Mrs. Hinton.



SINGLE COMB WHITE LEGHORNS FROM FIRST AND SECOND PRIZE PENS AT GRAND CENTRAL PALACE SHOW NEW YORK DEC. 1911.
EAST HAMPTON NEW YORK.

Bred And Owned By DUNE-ALPIN POULTRY FARM

The grace and beauty of the modern Leghorn, is well shown in the exceptional specimens in the above illustration, which were selected from the first and second prize pens exhibited by Dune Alpin Poultry Farm, East Hampton, L. I., N. Y., at the Grand Central Palace Show, December 1911. With the improvement that has been made in Leghorn shape and style, great progress has also been made in perfecting combs and wattles, those of to-day being finer in texture as well as smaller in size, giving the head a neat and trim appearance. Geo. J. Kerr, Manager for Dune Alpin Farm added luster to his reputation as a skillful breeder and exhibitor through the excellent condition of their exhibit at this show. Every feather in every bird was in its right place and was as spotless as new snow.—*Wm. C. Denny.*

BREEDING SINGLE COMB BUFF LEGHORNS

FIVE ESSENTIALS TO SUCCESS IN BREEDING POULTRY. KNOWLEDGE OF HOW TO MATE MOST IMPORTANT. TYPE THE FIRST CONSIDERATION. THE NECESSITY OF LINE BREEDING. POINTS ON INCUBATION AND BROODING. HOW TO CARE FOR THE GROWING CHICKS. THINGS TO BE AVOIDED. SUPPLYING GREEN FOOD. HINTS ON FEEDING. SELECTING THE EXHIBITION SPECIMENS

BY J. COURTNEY PUNDERFORD



O my mind there are five essentials to success in breeding poultry. Correct type, true color, healthy stock, vitality and last, but not least, the knowledge of how to mate. The last mentioned requisite, good readers, is a mighty factor towards the coveted goal. Many breeders have gone wrong simply because they do not understand mating. Above all do not mate extremes in color. The result will be meanness and off colored feathers in your youngsters. Keep type always before you and cull rigidly.

PEDIGREE BREEDING

In our present progressive state mother hen has been generally supplanted by the single machine and the Mammoth Incubator both in raising utility and exhibition stock. Of course the general run of utility stock is taken from the incubator regardless of matings, but the up-to-date breeder always wishes his special pen or pens toe punched. Here we use the pedigree trays and they answer admirably in place of the hen. We should always know the chicks from our best male or female, for if not, how will we know our best breeders, the ones which produce our winners, and also how will we know how to mate another season? I am greatly afraid too many breeders trust to luck in their matings and do not give enough thought to line breeding. This is where they fall down. Know your birds from year to year, and your tried and true breeders keep and give them every attention. Dispose of your culls, for they are only eating up your profits. Rather have one high-class breeding pen, every bird being guaranteed in your own mind, than four or five pens of mediocre stock. You are bound to win in the end by this method.

POINTS ON INCUBATION

My start in Buffs was made with two males and ten females, and in the end my females were culled down to six. Start your hatch at 102 degrees, and keep it there till the sixth day, then raise it to 103 degrees, and by the fifteenth day the animal heat in the egg will put it up to 104 degrees, and at hatching time I always like to have it 105 degrees. Never allow your eggs to become chilled or overheated. This will impair the vitality of the chick greatly and cause a poor hatch. Starting with the twelfth day I apply moisture either by sprinkling the eggs with warm water, or by placing a warm damp cloth in the bottom of the egg chamber of the incubator. You will always receive a better hatch in this way. When the hatch is through keep the chicks in the incubator at least ten hours and gradually cool them off. They will not feel the change when taken to the brooder. I usually keep my brooder 95 degrees. Again do not allow your chicks to become chilled or overheated, for to my mind much of the so-called white diarrhoea, which we hear so much about, is directly due to the above mentioned facts.

CARE OF CHICKS

Keep the little fellows moving from morn till night. Do not allow them to gather in bunches in the rays of the sun and crowd. This can be done away with by feeding often during the day and never giving them enough to entirely satisfy them until the evening meal, then give them all they will eat and send them to bed with full crops. Have the litter in the pens deep enough to hide the grain and make them work for it and water at least four times daily. Stale water is sure death to your youngsters. Plenty of grit before them and good fresh grain. Green stuff such as lettuce or the ends of sprouted oats is a big treat for them and very beneficial. A little mash at noon, either dry or moistened, that is for you to decide. A variety is what they want and what they will thrive on.

As soon as possible I like to get them outside. Many

days the latter part of March I have had my two weeks' old chicks out in the brooder runs and a world of good it does them. Have your brooder house well ventilated, do not be afraid of plenty of fresh air as long as they are comfortable under the hover at night. At nine or ten weeks of age is a good time to put them out in colonies. Often the youngsters will feel the change from brooder to colony quite a little, and to prevent crowding put up a temporary hover made from feed bags hung on a frame of lath about two feet high, two feet wide and four long. A few nights of this will harden them off in good shape. Give them plenty of free range and be sure they have abundant shade. Young Buffs exposed to the sun during the hot summer months never have the rich golden luster as those who have it from the time they are put out till maturity.

This is a most important factor in raising exhibition birds. Keep your colonies aired well, both day and night, you will have better and stronger stock in the fall. Always be on the watch for mites, for when they once get a start

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Little eulogy is required for Pittsfield Farm Boston winner shown above. Artist Schilling succeeded in getting a beautiful photo showing his grand type, excellent barring and exceptional Plymouth Rock characteristics. Pittsfield Farm Barred Rocks, for years noted as heavy layers and a great utility strain, have also worked their way to the front rank as an exhibition strain. At the late Boston show they won twelve regular and eighteen special prizes, including the most coveted of all, the grand display prize.

THE COMBS OF FOWLS AS BREED CHARACTERISTICS

THE COMB OF A BREED IS ITS BIRTHRIGHT, WITH BUT FEW NOTABLE EXCEPTIONS. SUB-VARIETIES SHOWING THE SAME COLOR OF PLUMAGE ONLY IN COMB FORMATION RARELY ATTAIN GREAT POPULARITY. A MORE SCIENTIFIC CLASSIFICATION OF BREEDS AND THEIR SUB-VARIETIES SHOULD BE THE WORK OF FUTURE STANDARD MAKERS. ILLUSTRATIONS OF BREED COMBS

BY J. H. DREVENSTEDT



It is an old saying that "Shape makes the breed and color the variety." But is this really so? If shape makes the breed why should both Single and Rose Comb be allowed in certain breeds? The color may be the same, but the shape cannot be, i. e., as far as the one section is concerned, viz., the comb. Would it not have been wiser to take this matter of "shape making the breed" more consistently by eliminating rose comb varieties from single comb breeds and vice-versa?

Frankly speaking, we believe it would have resulted in a greater benefit to some of the varieties, had they been allowed a breed name, of their own, instead of masquerading the breed name that had for its birthright either the single, rose comb, V comb, pea comb or any other recognized Standard comb, as the case may be.

The Plymouth Rocks have the type of single comb characteristic of the breed. All attempts to produce Pea Combed or Rose Combed Plymouth Rocks, and have such recognized as Standard have met with failure.

The Pea Comb Plymouth Rock had a temporary and exceedingly brief reign of existence, due chiefly to the originators boosting. The Rose Combed Plymouth Rock "died in the shell" and is now known as the Cuckoo Wyandotte. Thus we see that the birthright of the Plymouth Rock is the single comb, and only such a comb is recognized by Plymouth Rock breeders today. The same holds good with the Wyandottes. When some ambitious breeder in England tried to bring out Single Combed Wyandottes, he was promptly met with powerful opposition by not only Wyandotte breeders, but by the poultry press, one noted contributor to the latter emphatically declaring that "The Rose Comb was the Wyandottes' birthright."

Thus we find two of the most popular American breeds firmly established in true breed type with no comb varieties being tolerated in the sub-varieties of either breed.

COMB VARIATIONS IN RHODE ISLAND REDS

We now come to another American breed that has become popular—the Rhode Island Red.

Here we are confronted with a problem not easily solved. We have both the Single Comb and the Rose Comb varieties that look alike in shape, except in comb. The Single Comb Rhode Island Red being the first to attain prominence, was naturally accepted as the breed that is entitled to bear the name. The Rose Comb variety was first exploited as the American Reds, and those of us, who were present at the memorable Pittsburg meeting of the A. P. A. where a gallant fight was made to have the new variety recognized as American Reds, will never forget the occasion. There are still a few of the members who were present at that meeting of the opinion that a mistake was made in not admitting Rose Comb Rhode Island Reds to

the Standard as American Reds. To have recognized American Reds would have given them a breed name and a comb characteristic of the breed. As matters now stand, it is a fight between two varieties and a case of the survival of the fittest.

NO COMB VARIATION IN THE ASIATIC CLASS

In the Asiatic class, no departure from the breed comb has been successful, and no Brahma breeder would ever think of having anything but a pea comb to top the heads of his Light or Dark Brahmas, neither would any Cochinchina breeder tolerate a comb other than Single on his Cochins. The same holds good with the Langshan, the characteristic comb of the latter being single. A rose comb on a Langshan's head would kill the variety in a short time.

SINGLE AND ROSE COMB LEGHORNS AND MINORCAS

In the Mediterranean class we are confronted with several instances of comb varieties that will prove interesting and instructive to the producers of new varieties.

In the Leghorns we have both the Single Comb and Rose Comb Whites, as well as the Single Comb and Rose Comb Browns, classed as Standard varieties. What is the result?

The single combed varieties, especially the Whites, far outstrip in numbers and popularity the Rose Comb varieties of the same color. It makes little or no difference whether the Rose Combed Leghorns are superior layers or hardier fowls; they are simply existing under a breed name that is of no material help to the poultry raisers who breed them. That they would have made infinitely more progress under a distinct breed name of their own, is the opinion of many a close student of Standard-bred poultry. The Rose Comb Black Minorca is meeting the same reception among Minorca breeders and for similar reasons as advanced above. In the attempt to popularize the Rose Comb Orpington, breeders of the latter will have the same opposing forces to contend with, and even should they succeed in bringing out large classes at future shows, owing to the great popularity of the Orpington fowl, it is extremely doubtful if Rose Comb Orpingtons will ever displace the original Single Comb breed type in popular favor.

SINGLE AND PEA COMBS FOUND IN ANCIENT BREEDS

It is generally believed that the origin of all domesticated races of poultry trace back to the Gallus Bankiva, commonly referred to as the Jungle fowl of India. It resembled in color the Black Red Games of today, but was not much larger than a Bantam in its wild state. It had a single comb, and nearly all of the early pictures of poultry represented birds with single combs, although in some old races, notably the Sumatra, the pea comb was evident. The rose, the V-shaped, the butterfly and the strawberry



Fig 1 - Wyandotte



Fig 2 Leghorn



Fig 3 - Minorca



Fig 4 - Hamburg



Fig 5 - Malay



Fig 6 - Redcap

comb then seem to have been sports of the original single and pea combs, developed and perfected by poultry fanciers into the modern combs of varied types.

ILLUSTRATIONS OF BREED TYPE COMBS

We illustrate on pages 444-445, pen and ink sketches of all types of combs, drawn by M. A. Illing, who has closely followed the Standard word description for the shape of comb of each breed to bring out the comb characteristic of each one of the breeds selected.



Fig 7 - Leghorn,



Fig 8 - Minorca



Fig 9 - Plymouth Rock

We firmly believe a close scrutiny of these comb charts will impress on the minds of every student of them, the Standard type of combs possessed by the breeds taken as models by the artist. Not only are the combs well portrayed, but head, eyes, lobes and wattles have been carefully drawn to approach the Standard descriptions of same.

CHIEF BREEDS OF FOWLS

In preparing a scientific classification of breeds in future American, English and Continental poultry Standards, it will be necessary to thoroughly study the history of our chief breeds of fowl, and then go ahead in a fearless, and intelligent way to re-classify the present Standard-bred races of poultry.

This may cause strenuous opposition among a few breeders, but we believe the majority of poultry raisers will be unanimously in favor of any effort that will place Standard-bred fowls on an equally safe and permanent classification of breeds with that of horses, cattle, sheep and swine.

No scientist in the world has devoted more study and research to the origin of plants and animals than the late Charles Darwin, so we reprint from his world famous book, "The Variation of Animals and Plants under Do-

mestication," published in 1887, the extracts below that bear on the origin and early classification of all known breeds of poultry at the time Mr. Darwin wrote his book.

Writing of the chief breeds of poultry, Mr. Darwin remarks: "As some naturalists may not be familiar with the chief breeds of the fowl, it will be advisable to give a condensed description of them. From what I have read and seen of specimens brought from several quarters of the world, I believe that most of the chief kinds have been imported into England, but many sub-breeds are probably still unknown here. The following discussion on the origin of the various breeds and on their characteristic differences does not pretend to completeness, but may be of some interest to the naturalist. The classification of the breeds can not, as far as I can see, be made natural. They differ from each other in different degrees, and do not afford characters in subordination to each other, by which they can be ranked in group under group. They seem all to have diverged by independent and different roads from a single type. Each chief breed includes differently colored sub-

varieties, most of which can be truly propagated, but it would be superfluous to describe them. I have classed the various crested fowls as sub-breeds under the Polish fowl; but I have great doubts whether this is a natural arrangement, showing true affinity or blood relationship. It is scarcely possible to avoid laying stress on the commonness of a breed; and if certain foreign sub-breeds had been largely kept in this country they would perhaps have been raised to the rank of main-breeds. Several breeds are abnormal in character; that is, they differ in certain points from all wild Gallinaceous birds. At first I made a division of the breeds into normal and abnormal, but the result was wholly unsatisfactory.

"Game Breed—This may be considered as the typical breed, as it deviates only slightly from the wild Gallus Bankiva, or, as perhaps more correctly named, ferrugineous. Beak strong, comb single and upright. Spurs long and sharp. Feathers closely appressed to the body. Tail with the normal number of 14 feathers. Eggs often pale buff. Disposition indomitably courageous, exhibited even in the hens and chickens. An unusual number of differently colored varieties exist, such as black and brown-breasted reds, duckwings, blacks, whites, pils, etc., with their legs

(Continued on page 516)



Fig 10 - Java

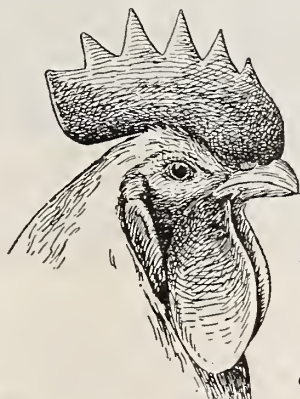


Fig 11 - Rhode Island Red



Fig 12 - Orpington



Fig 13 - Dorking



FIRST PRIZE PEN ROSE COMB WHITE ORPINGTONS AT MADISON SQUARE GARDEN N.Y. DEC. 1911.
Bred And Owned By LAWRENCE JACKSON FARM HAYSVILLE PENN..

Many who are accustomed to seeing White Orpingtons with single combs, will learn with surprise that a rose comb variety of the breed is being perfected. Lawrence Jackson of Haysville, Pa., whose Single Comb White Orpingtons have carried off highest honors at such shows as Madison Square Garden, Chicago, Pittsburgh and elsewhere has been quietly at work producing and perfecting a rose comb variety. At the late New York Show he had some of these birds on exhibition. The above illustration shows his first prize pen which Artist Schilling says were exceptionally white, especially so for a new variety. If the Rose Comb White Orpingtons show the great utility qualities of the Orpington to the same degree as the Single Comb, they are sure to make many friends and admirers.—*Wm. C. Denny.*

NOTES ABOUT SUCCESSFUL POULTRYMEN

RANDOM JOTTINGS BY OUR REPRESENTATIVE. A VISIT TO STRAFFORD, PA., THE HOME OF RILEY'S BARRED ROCKS. SKYLANDS FARM DESCRIBED. THE MORLEY FARMS. COMMENTS ON VARIOUS EASTERN BREEDERS. THE BRIGGS SYSTEM. FINE RECORD OF HARTER'S BUFF ROCKS. METHODS THAT MAKE FOR SUCCESS.

BY GEO. W. TRACEY



URING the week of the great Philadelphia show, we spent the best part of a day on the poultry farm of Henry D. Riley, the Barred Plymouth Rock specialist of Strafford, Chester Co., Pa. Strafford is a beautiful suburb of the great city of Philadelphia. It's a village of beautiful residences, and Mr. Riley can boast of one as handsome as any of the rest. His farm consists of thirty acres, and the growing birds have as much of this to roam over as they require. The poultry buildings do not detract from the general good looks of the estate. One of the main breeding houses is 100 feet long and 13 feet wide. This is divided into ten pens. We inspected another breeding house that was divided into eight pens, and still another big house 140x13 feet. This house is used in the fall and winter to keep extra males and females, that Mr. Riley may be preparing for shows for his customers. We noticed two buildings over in separate big fields, quite a distance from the main breeding houses. These houses, Mr. Riley informed us, contained his utility pens. We also paid an extended visit to the show room for here were the birds that Mr. Riley was preparing for the great Madison Square Garden show. We believe we have mentioned enough concerning houses, and in speaking of the birds in the show room, we felt very confident that the birds we handled at Mr. Riley's request were going to give a good account of themselves at New York the following week and they did. We were sure that he would win first hen and very near sure 1st cockerel would also come Mr. Riley's way, as the pick of Mr. Riley's show cockerels was to us one of the very greatest Barred Rock Cockerels that we ever handled. After handling him for about fifteen minutes, we said, "Mr. Riley, this is the best Barred Rock cockerel we have handled this or any other year, and the only thing that will stop him from winning 1st cockerel next week at the Garden is his wings. If you only had another month, you would be sure of winning 1st, as it is they will have hard work to find one that can touch him." And so it proved, his wings not being quite finished, caused Judge Shaylor to set him back to second, but he admitted his superiority by giving him special for being the best colored Barred Rock male in the show.

Now to get down to the plain facts. Mr. Riley was able to show me a large number of exhibition birds capable of winning at the very largest shows, and as an evidence we need only to recapitulate his show record for 1911-1912. Take Williamsport, Pa., where he won 1st, 2nd and 6th cock; 1st and 2nd hen; 1st, 3rd, and 6th cockerel, 5th and 6th pullet and 1st pen. Then Coatesville, Pa., 1st and 2nd cock; 1st and 2nd hen; 1st and 3rd cockerel; 1st and 2nd pullets and 1st pen. Then we wish to call our readers' attention to the Camden, N. J., show and the big Baltimore show, two big shows the same week. Yet Mr. Riley showed a string at each show with the unparalleled result of 2nd cock; 1st hen; 1st pen; 1st cockerel; 2nd and 4th pullet and 1st cockerel mated pen at Baltimore, and at Camden he won 1st cock; 1st hen; 1st cockerel; 4th pullet and 1st pen. Very few Barred Rock breeders would attempt to show at two such shows as Camden and Baltimore the same week, but Mr. Riley had the birds and the Camden show being a close neighbor and this being their first attempt, Mr. Riley generously made an entry thus assuring them of at least one Barred Rock exhibit of superb quality. Cleveland, Ohio, also claimed Mr. Riley's attention this year. You all know what you run up against when you show out west. You are apt to run up against not only the best in the west, but also the best money can buy in the east. Mr. Riley knew all this as he had been in the habit of furnishing some pretty classy winners for western customers himself, but nothing daunted he made a nicety for the Cleveland, Ohio, show and he overwhelmed

his competitors by making the greatest win ever made in the west, viz., 1st cock, 1st and 2nd hen, 1st and 3rd cockerel, 1st pullet and 1st pen. Cleveland is a mighty big show and such a marvelous win in a real quality competition places Mr. Riley's birds on a level with the very best in America.

We will next take up his winning at the last Madison Square Garden show. At this the premier show of the world he won two places on pens, a place on cock, 2nd cockerel and 1st hen, making the 2nd year in succession that he won 1st hen. First hen was considered the best Barred Rock female yet shown, and her superiority over all the hens and pullets shown at the Garden was conceded when she was also awarded the special for best colored female in the Barred Rock classes. It's very significant when an exhibitor wins color special on both males and females at Madison Square Garden, and as 2nd cockerel won color special, Mr. Riley can claim considerable glory

(Continued on page 533)



It was years ago that Silver Laced Wyandottes were first called the "beauty breed". If they had then earned that title, what must we call the beautiful open laced specimens of the present day. One of the most handsome birds of the season was J. Reepmeyer, Jr.'s first prize pullet at the Grand Central Palace. A glance at the illustration of this bird shown above must impress the observer with the fact that the breed is still the "beauty breed". Mr. Reepmeyer has been highly successful in breeding this variety. In 1910 he was awarded first pullet at Philadelphia in a class of 21; also first hen at a leading Canadian show. This year, in addition to his above winner, he won first cock, first hen and third cockerel at the Palace Show, and second cockerel and second pullet at Madison Square Garden a few weeks later.—Wm. C. Denny.



1st HEN KANSAS CITY 1912



FIRST PRIZE COCKEREL CHICAGO DEC. 1911.
ALSO NAT. S. C. W. LEGHORN SPECIALS FOR
BEST COCKEREL & BEST MALE. 81 MALES
IN COMPETITION



1st Pen Pullet MINNEAPOLIS 1912.



1st COCK INDIANAPOLIS & KANSAS CITY 1910 Score 96. FIRST PRIZE COCK AT KANSAS CITY 1912.



LEON C. HUNTINGTON Originator And Breeder PEERLESS S. C. WHITE LEGHORNS.
OMAHA NEBRASKA.

L. C. Huntington 1912

The above illustration shows a group of Leon C. Huntington's "Peerless" S. C. White Leghorn winners at the Chicago, Kansas City, Minneapolis and Indianapolis Shows. The favorites with Leghorn breeders and judges will be the first prize cockerel at Chicago, a bird showing good head points and excellent style, and the first price hen at Kansas City and the first prize pullet at Minneapolis. Mr. Huntington's experience in breeding his variety extends over a period of a dozen to fifteen years, during which time he has established a reputation as a successful exhibitor in the show room, and as a breeder of a prolific laying strain as well. He has mated thirty pens to take care of his egg orders and trade in baby chicks for the present season.—*Wm. C. Denny.*

VISITS WITH OHIO POULTRYMEN

THE HARTMAN STOCK FARM, COMPRISING FIVE THOUSAND ACRES, ONE OF THE LARGEST IN THE BUCKEYE STATE. THE POULTRY DEPARTMENT DESCRIBED. SEVERAL OF THE LEADING VARIETIES BRED HERE. METHODS OF FEEDING, ETC. THE ALDRICH POULTRY FARM MAKING RAPID ADVANCEMENT. OHIO ORPINGTON YARDS. ROSELAND POULTRY FARM. NOTES REGARDING OTHER PLACES VISITED

BY JOE COLEMAN



THE Hartman Stock Farm has a world-wide reputation and comprises 5000 acres of tillable soil under a high state of cultivation. Each and every building is substantially constructed with an eye pleasing to an architectural blending of the surrounding county. Near the center of this farm is the village, hotel, grain elevators, blacksmith shops, power house and dwellings, the residents of which are employed here and go to make up a systematic organization. The well-oiled machinery, as it were, to forge such an immense institution ahead to financial success, must be in capable hands, and no one more than J. N. Gibson, business manager of the farm, and E. T. Jacobs, superintendent of the poultry department, deserves this credit.

On a recent visit, Mr. Jacobs and his son, piloted us over the poultry farm, 65 acres, slightly rolling, all devoted to poultry. Its location was selected in order that perfect drainage could be had. Before starting on a tour of the farm we will describe the different varieties of fowls kept. This farm can, and makes a success of several varieties, simply because of having ample facilities and help for handling them. However the specialties that are given the most prominence are S. C. White Leghorns, Barred Rocks, Buff, White and Partridge Wyandottes. At the present time on the farm are between 3500 and 4000 Leghorns. Utility is not alone the sole purpose of this large flock of Leghorns. All their utility matings are headed by excellent males, many of exhibition quality, besides their twenty or thereabouts, matings of exhibition White Leghorns. One can get an idea as to the quality of this flock of Leghorns by their winnings at the Ohio State Show held in January. Among the winnings were grand champion Leghorn male, first on pen and silver cup for best pen in Mediterranean class. Eight hundred good breeding Barred Rocks are now on the place—big, husky birds of both exhibition and utility qualities. Mr. Jacobs reports a steady demand for these

good old standbys. Their exhibition Barred Rocks have recently been strengthened by the purchase of Oscar E. Miles' entire flock of "Utopia" Rocks. Mr. Miles line-bred his flock for many years and held his own with the best in the show room. Sixteen matings of Barred Rocks will take care of the baby chick and egg trade this season. It is conceded that the Buff Wyandottes bred here are one of the best flocks in the country and particular attention is paid them. This flock has been steadily improved in

quality for a number of years and strengthened from time to time as occasion demanded with the best obtainable, no matter the cost. It certainly is a pleasure to go from pen to pen and handle these Buff beauties with that soft golden hue, with undercolor practically as strong as the surface. Twelve matings of Buff Wyandottes and two utility flocks will take care of the increasing demand for this variety. White Wyandottes are favorites here and not a poorly mated pen was to be found on the premises. Mr. Jacobs is "loaded for bear" in White Wyandotte quality and from present indications, if the progeny is of as high quality as the parent stock, competition at some of the leading shows another season will be decidedly warm. To show that Mr. Jacobs sells eggs from the best will cite one example. The White Wyandottes at the recent Ohio State

Show were very strong in quality. A setting of eggs had been sold a lady and out of the eggs hatched a pullet that won first at this show. Seven pens of White Wyandottes will look after the trade this season. Here Partridge Wyandottes have always been good and possibly were the initial breed when the farm started. The matings of this variety are the equal if not superior of former years.

Besides the sale of breeding stock and eggs for hatching the baby chick business plays an important part here. Thousands of chicks are shipped annually and as pedigree trays are used in the incubators, customers can have chicks from any mating they may choose. The prices for chicks range from 12 to 50 cents each. At the higher price are from their finest exhibition matings. While sitting in the office we were shown a check for a \$600.00 order of baby chicks—1200 at 50 cents each. Such orders go to show the possibilities of the poultry business if carried out on business lines. Forty-two, 390 egg Cyphers incubators are used for hatching the chicks and all are run to full capacity during the busy season. For their own use and for fall trade, 3000 chicks, some eight weeks old, were out at the time of our visit February 20.

In going through the houses we started in at the single brooder house, which is 225 feet long and 18 feet wide. Here the chicks already hatched were housed. The most sanitary conditions prevailed and the chicks showed very good vitality even so early in the season. This house has a constant brooding capacity of 3200 chicks and an annual capacity of 12,000. Next we visited the incubator cellar whose capacity is 13000 each hatch. Each day from now on chicks will be due and hopping out. This surely is one of the interesting parts of the whole trip to the farm



Those who were privileged to study the S. C. White Orpington class at the recent Madison Square Garden show will not fail to remember the superb condition of the hen shown in the above illustration, winner of the coveted blue ribbon in a class of forty-eight hens. Two weeks later we saw her at the Baltimore show where she again won first, establishing the season's record for this variety, quality of competition considered.—Wm. C. Denny.

single brooder house, which is 225 feet long and 18 feet wide. Here the chicks already hatched were housed. The most sanitary conditions prevailed and the chicks showed very good vitality even so early in the season. This house has a constant brooding capacity of 3200 chicks and an annual capacity of 12,000. Next we visited the incubator cellar whose capacity is 13000 each hatch. Each day from now on chicks will be due and hopping out. This surely is one of the interesting parts of the whole trip to the farm

and appeals strongly to the amateur and the ladies. Then two laying houses, each 20 by 150 feet, were passed through and cockerels of their several varieties occupied one and the other was devoted to Barred Rocks. This whole house full of Barred Rocks made a fine showing. Then came the double breeding house, 30 by 160 feet, where the choicest of their exhibition matings are housed. The two Leghorn houses, each 20 by 210 feet, were filled to full capacity. Still another laying house, 20 by 300 feet, with brooder house connecting, capable of brooding 3000 chicks at one time, was given our attention. Would have liked to have lingered longer in these various buildings because from an educational standpoint, much can be learned. Anyone starting in the poultry business should make a visit to one or more leading plants as there is no question but that much can be learned. Just one more house to pass through, 20 by 400 feet, besides the packing and power station, 40 by 75 feet, three stories high. All the feed is mixed in the latter house and here the birds are conditioned and eggs packed for shipment to go to every nook and corner of the country. One thing these people pride themselves on, that owing to their immense capacity, all orders no matter how large can be delivered on the date promised. The manager quoted the following, "Our birds have the constant attention of competent attendants whose sole employment is their care. They have the best of food, scientifically prepared and regularly served. They have acres and acres of space with plenty of sunlight and shade, clean, dry earth and running water. Every detail that can possibly assist in developing a strong, vigorous strain has been provided. The result of this may be seen in the bright, healthy, lively stock that fill our houses and pens. We never feed cheap. 'Nothing but the best is used.'" This is certainly sound and sane advice. We inquired into the methods of feeding and found them simple

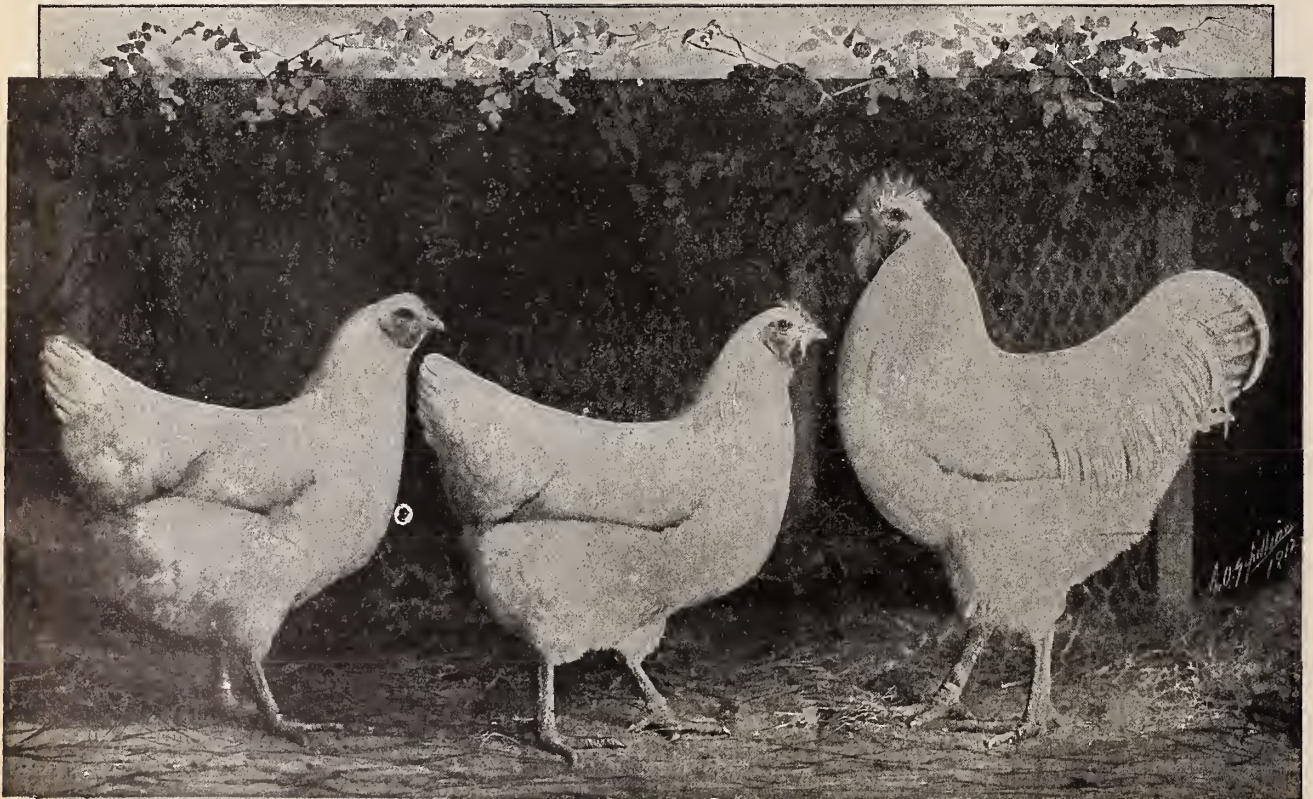
indeed. To the adult stock a moist mash consisting of two parts ground oats, 1 gluten-meal and 1 corn meal, to which has been added 10 per cent. beef scrap, is fed in the morning. This same mixture is kept in the hoppers in dry form that the timid hens will be provided for. Sprouted oats are fed at noon. More and more each year the successful poultry man is learning the value of the sprouted oats as a conditioner and regulator. We would just as soon keep house without a cook stove as to be without sprouted oats for our birds during the winter and for closely yarded fowls in the summer. We are degressing, but here at the Hartman Farm the evening ration consists of equal parts of cracked corn and wheat. This thrown in deep litter and always a sufficient quantity is given so that a little is left over to furnish an appetizer in the morning. By doing this the mash isn't required to be fed so early.

One could go on and write several pages regarding this justly celebrated poultry farm, but suffice to say that even now their customers can be accommodated with cockerels, cocks, trios or pens of their various varieties mated for best results. Also are they able to take care of an immense egg and baby chick trade. To know more about this great place their catalogue and mating list will be sent by addressing Hartman Stock Farm Poultry Yards, E. I. Jacobs, Supt., Box P. W. Columbus, Ohio.

ALDRICH POULTRY FARM

We did not feel like leaving Columbus without going out to see the Aldrich Poultry Farm, and was certainly glad I went, and I found a great improvement in the equipment and arrangements over a visit three months ago. The Aldrich Farm is a "live one" and is forging ahead all the time, not being content for one minute with well enough, but ever alert, making improvements to develop a White Orpington

(Continued on page 541)



FIRST AND SECOND PRIZE WHITE PLYMOUTH ROCK PULLETS AND SECOND PRIZE COCKEREL AT MADISON SQUARE GARDEN NEW YORK DEC. 1911
BRED AND OWNED BY OWEN FARMS VINEYARD HAVEN MASS.

A GREAT TRIO OF WHITE PLYMOUTH ROCKS

In typical shape and pure white color, the White Plymouth Rocks illustrated above are very close to the Standard ideal, but Owen Farm White Rocks, under the management of Frank H. Davey, are bound to be among the leaders at all great shows. They have the blood lines back of them and the man who knows how to utilize such to the best advantage in mating the pens for breeding. The cockerel and the two pullets in the above picture are an excellent sample of the hundreds of fine White Rocks bred at Owen Farms.—J. H. Drevensstedt.

FUNCTIONS OF THE COMB AND WATTLES

KNOWN TO BIOLOGISTS AS SECONDARY SEXUAL CHARACTERS. DO NOT SERVE ANY USEFUL PHYSIOLOGICAL FUNCTION. THE REASON THAT THESE APPENDAGES DIMINISH IN SIZE DURING PERIODS OF PHYSICAL DEPRESSION. LARGE COMB A BREED CHARACTERISTIC RATHER THAN AN INDICATION OF CONSTITUTIONAL VIGOR. NO METHODS FOR TESTING PHYSICAL ENDURANCE OF FOWL

BY DR. RAYMOND PEARL

Maine Agricultural Experiment Station, Orono, Maine

[EDITOR'S NOTE:—On February 1st, we received a letter from the manager of Purity Poultry Farm, Rockford, Ill., in which the questions were raised as to the proper functions of combs and wattles; their relative influence on the vigor and prepotency of the breeding stock; also the question of testing the physical endurance of a fowl and its capacity in respect to heart and lung action. The questions were submitted to Dr. Pearl, the noted biologist of the Maine Agricultural Experiment Station, and below will be found his carefully prepared answers to these interesting questions.]



THE comb and wattles of poultry are what are known to the biologist as secondary sexual characters. According to Darwin's theory of sexual selection the original purpose and function of these structures was to help to make the male conspicuous and attractive to the female. It is supposed on this theory that in nature those males which had the largest combs and wattles would be most attractive to the females and would therefore stand a better chance of mating and perpetuating themselves in the offspring. Like many other secondary sexual characters the comb and wattles, while present in both sexes, are very much better developed in one sex than in the other. It is doubtful whether the sexual selection theory really accounts for the presence of large comb and wattles in the male. It is more in line with modern biological opinion to suppose that these organs are merely one representative of the surplus of growth, energy and physiological vigor which characterizes the male as compared with the female. It is doubtful, in other words, whether they have ever had any selective value. It is quite certain that neither the combs or wattles serve any useful physiological function. That is to say, a bird from which these structures have been removed is quite as healthy, and lives as long, and is fully as able to perform all its vital functions as a bird which possesses them. They are in some degree, however, and in a manner which is not fully understood, connected or correlated with the primary sexual organs (that is, the testes of the male and the ovary in the female). Further proof of this has recently been furnished in a study made by an English biologist who shows that throughout the life of a hen every period of laying is preceded by an enlargement of the comb. This enlargement is due to an actual growth of tissue in the comb substance. The enlargement is in many cases not marked, but can only be detected by very accurate measurements.

COMB AND WATTLES DIMINISH IN SIZE

The reason that the comb and wattles diminish in size and become pale in color during periods of physiological depression, such as moult or in various diseases, finds its physiological explanation in the considerations which have been advanced above. These organs being in the nature of non-essential excrescences or "ornaments" with a very

considerable blood supply when the bird is in health and vigor, it stands to reason that when vigor is diminished for one reason or another, the supply of blood and nutriment to the tissues of these organs will be diminished. The reduction of the comb in size and color during periods of depression is physiologically comparable with the fact that a person when ill is usually pale. This means that the supply of blood to the skin is smaller than in a condition of full health and vigor.

DOES NOT INDICATE STRONG CONSTITUTION

A large comb does not necessarily indicate strong constitution. In the first place it must be recognized that the comb size in part depends upon the breed. The most vigorous specimens of some breeds have by nature and inheritance relatively small combs as compared with birds of other breeds. While it is practically always true that a bird with a pale comb, relatively small in proportion to the size, normal for its breed, is a weak and worthless bird, the converse is not always true. That is to say, some weak, poor specimens may have large combs. The size and condition of the comb should be taken as only one indication along with a whole series of others in judging the constitutional vigor of a bird. Simply selecting large combed birds regardless of everything else would not result in a strong vigorous strain.

PHYSICAL ENDURANCE OF FOWL

So far as is known to the writer, methods have never been devised for testing the physical endurance of a fowl, and its capacity in respect to heart and lung action. The most practical way to judge of these matters is by feeling the shape and size of the thorax or chest in which these vital organs are contained. This can be judged best from the shape of the back of a bird much better than from the shape of the breast which is ordinarily examined in this connection.

The bird of high constitutional vigor will have a broad back, which as the hand passes forward over the thorax will feel relatively flat. Furthermore the body, as one passes the hand forward along the back from the hips to the shoulders, will taper gradually and not suddenly. The more nearly the back and chest walls conform to the shape of a good beef type steer, that is with broad flat back and ribs well sprung, the more certain can one be that the bird will have well developed heart and lungs and high constitutional vigor.



FIRST PEN COCKEREL AT CHICAGO DEC. 1911.
BRED AND OWNED BY SKYLAND FARMS,
H-J-FISKE Mgr., STERLINGTON N.Y.

It was generally admitted by those who were familiar and competent to judge, that the S. C. White Leghorn class at the Chicago show, held December, 1911, was the best exhibit of the variety ever shown at an exhibition held in that city. Among the exceptional birds of the class was the cockerel at the head of the first prize pen shown by Skylands Farm. This bird had everything a good Leghorn should possess—a fine head, excellent style and type, yellow legs, good color, etc., and was greatly admired by the Leghorn experts who attended the show.—Wm. C. Denny.

AMERICAN POULTRY WORLD



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in All Branches

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CONTRIBUTORS: The best informed and most reliable men and women at work today in the broad field of Poultry Culture and advancement

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EDITORIALS

TO BEGIN WORK ON 1915 EDITION OF THE STANDARD OF PERFECTION

At the Denver 1911 Convention of the American Poultry Association, the constitution was amended, increasing the membership of the Standing Committee on Revision from three to seven.

The duties of this committee embrace the collection of information relating to the revision of the American Standard of Perfection, this information to be classified by the committee and reported in due course to a general committee on revision of the Standard, with or without recommendations.

The constitution of the association provides that the Standard of Perfection shall be revised once in five years. The next revision should take place in time to have the new Standard ready for use by the fall and winter of 1915.

Now that the Standing Committee on Revision has been increased from three to seven members, there is a prospect that this committee in due course may be constituted the general revision committee—which would not be a bad idea. The Denver Convention last August appointed a new standing revision committee as follows:

Reese V. Hicks, Topeka, Kans.; Richard Oak, Canada; W. S. Russell, Ottumwa, Ia.; Arthur C. Smith, Waltham, Mass.; E. C. Branch, Lee's Summit, Mo.; J. H. Drevenstedt, Buffalo, N. Y.; W. C. Pierce, Indianapolis, Ind.; F. J. Marshall, Atlanta, Ga.

Mr. Hicks is chairman of the committee, for the time being, on account

of his holding the office of President of the association.

Recently President Hicks divided the 1912 Standing Committee on Revision into twenty sub-committees as follows, the first member on each committee to act as chairman.

Plymouth Rocks and Dominiques—W. S. Russell, A. C. Smith, E. C. Branch.
Wyandottes—J. H. Drevenstedt, W. C. Pierce, W. S. Russell.

R. I. Reds, Buckeyes, Javas—W. C. Pierce, R. V. Hicks, E. C. Branch.

Brahmas—F. J. Marshall, E. C. Branch, R. Oke.

Cochins—W. S. Russell, F. J. Marshall, R. Oke.

Langshans—J. H. Drevenstedt, R. V. Hicks, A. C. Smith.

Leghorns—A. C. Smith, W. C. Pierce, R. V. Hicks.

Minorcas—E. C. Branch, F. J. Marshall, R. Oke.

Spanish, Andalusians, Anconas—R. Oke, E. C. Branch, F. J. Marshall.

Polish—R. Oke, A. C. Smith, J. H. Drevenstedt.

Hamburges—R. Oke, F. J. Marshall, W. S. Russell.

Houdans, Creve Coeures, LaFleche—W. C. Pierce, A. C. Smith, W. S. Russell.

Games, Game Bantams and Other Bantams—J. H. Drevenstedt, A. C. Smith, R. Oke.

Cornish Malays, Sumatras—W. S. Russell, F. J. Marshall, E. C. Branch.

Silkie, Sultans, Frizzles—J. H. Drevenstedt, R. Oke, W. C. Pierce.

Turkeys—E. C. Branch, W. C. Pierce, F. J. Marshall.

Water Fowls—F. J. Marshall, E. C. Branch, W. S. Russell.

Glossary of Technical Terms—R. V. Hicks, A. C. Smith, J. H. Drevenstedt.
Orpingtons, Dorkings, Redcaps—R. Oke, J. H. Drevenstedt, W. C. Pierce.

Instruction to Judges, cuts for defects—W. C. Pierce, W. S. Russell, A. C. Smith.

All information, questions, suggestions, etc., relating to the 1915 Standard should be addressed to the chairmen of these sub-committees. Pick out the committee that has charge of the breed in which you are interested and be sure to furnish the chairman of each committee any information in your possession that will help the committee do its work in a satisfactory manner. That largely is what these committees are for—to receive your protests, suggestions, etc. It is a case of making your wants known, and of doing so in plenty of time to give this Standing Committee on Revision full opportunity to work in your interests and to make a creditable record for itself.

In getting out the 1915 edition of the Standard, a systematic effort is to be made to enable all specialty clubs that are associate members of A. P. A. to take an important part in having the next revision of the book as near satisfactory to all concerned as may be found practicable. The following quotations from letters written by S. T. Campbell, Secretary of A. P. A., to J. H. Drevenstedt, in the latter's capacity as a member of the Standing Committee on Revision and an associate editor of the American Poultry World, will explain what is meant in this connection.

From letter of date December 9th, 1911:

"Special committees have been appointed by President Hicks for the work of the present revision of the

1915 Standard. It is the president's desire that the Revision Committee get busy at once. We have only three years in which to prepare this Standard. For names of sub-committees, of which you are chairman, see enclosed list.

"President Hicks authorized me to write to all specialty clubs who are associate members of the American Poultry Association, requesting them to make such suggestions to the chairman of the sub-committee as they regard advisable. It is generally conceded that the specialty clubs should have the privilege of preparing the Standard for the fowls they represent, of course subject to the approval of the Revision Committee."

From letter of February 6th, 1912:
"It is to be understood that the specialty clubs, which are associate members, are to prepare the matter for their respective breeds and varieties and forward same to the chairman of their committee.

"Would suggest that you publish in AMERICAN POULTRY WORLD the fact that specialty clubs which are members of the American Poultry Association are to be a strong factor in the preparation of this Standard, and suggest that specialty clubs that are not members, should join the association and help make the 1915 Standard—in which they are so much interested."

NEW MEMBERS OF A. P. A.

Since the last issue of A. P. W. went to press, the following new members have been elected to membership in the American Poultry Association, by action of the Executive Board:—

INDIANA:—Harry W. Atkins, Huntington; D. Law Welmer, Montgomery; V. G. Lamb, Winona Lake; James W. Wilson, Washington; Earl M. Mather, Richmond; T. A. Scott, Bentonville; Ed. M. Denny, Advance; Ada A. Norwood, Southport; Geo. A. Roberts, Warren; C. M. Moffet, Bainbridge; Osa S. Dodly, Danville; A. L. Lowe, Rochester; Mrs. A. N. Rhodes, New Castle; H. E. Krutz, Goshen; Richard Sutton, Houghville; R. P. Dawson, Indianapolis; Geo. W. Wyrick, Franklin; Johnson Co. Fanciers' Assn., Franklin; Daisy D. Spaug, Rugley; J. M. Robinson, Indianapolis; John E. Sanders, Greensburg; Jno. R. Sater, Hope; Geo. W. Miller, Bloomington; Earl F. Gartlin, Burney; Clarence Hewes, Indianapolis; A. E. Farmer, Franklin; C. A. Paetzel, Hope; C. I. Devore, Franklin; Chas. G. Fuller, Bicknell; Ray Bottorff, Cortland; Herman A. Reasner, Jolietta; F. N. Jones, Mooresville.

PENNSYLVANIA:—J. A. Rose, Scranton; Wm. J. Peck, Pittston; J. W. Shiebel, Duryea; Jas. W. Smith, Peckville; Andrew Hawthorne, Scottsdale; Wm. Edgar, S. Bethlehem; E. E. Brubaker, Bird-In-Hand; James T. Baldwin, Wissinoming, Phila.; F. W. Peters, Erie; Monroe Co. Poultry Assn., Stroudsburg; Geo. H. L. Pettie, Wissinoming, Phila.; F. J. Freiler, Wilkesbarre; J. Mays Escoff, Beaver; Dr. A. H. Stewart, Philadelphia; Aaron Fell, Perrysville; Mrs. Ferd Spellberger, Frankford; A. A. Lazarus, Pittsburgh; T. H. Smith, Knoxville; John Dean, Ben Avon; B. Monroe Posten, Hughesville; Arthur Chattaway, Hazard; A. S. Heilmann, Monessen; W. H. Knoch, Saxtonburg; Russell G. Erk, Seelyville; C. W. Knox, Pulaski; Mrs. Geo. E. Smith, Pittsburgh.

OHIO:—Fred Erhardt, Cincinnati; Arthur Powell, Hartwell; Ira M. Crowther, Willoughby; Paul W. Gillman, Sterling; C. C. Jackson, Centerburg; P. R. Pfouts, Bucyrus; Gem City Fanciers' Club, Dayton; Waldo H. Dunn, Wooster; D. Ed. Teas, Orville; Jabez Bostwick, Seville; B. M. Billings, Oberlin; E. J. Bellamy, Wakeman; Erie Co. Fanciers' Assn., Sandusky; A. W. Long, Dayton; Carl H. Sly, W. Clarksfield; C. H. Pierce, Wakeman; R. C. Caldwell, Lyndon; Dr. J. E. Berry, Powhatan Point; P. L. Stauffer, Apple Creek; Z. Fletcher, Franklin; O. W. Aldrich, Columbus; R. N. Smith, Wakeman; The Galion Fanciers' Assn., Gallion; Preble Co. Poultry Assn., Eaton; W. H. Woodworth, Delaware.

MASSACHUSETTS:—Chas. W. MacNeer, Ashland; Bernard E. Darling, Natick; Frances W. Valentine, Hopkinton; Robt. C. Vose, Brookline; W. H. Davenport, Colerain; Hendy D. Smith, Rockland; Geo. H. Follow, Greenbush; James H. Woodward, Tyngsboro; American Dorking Club, North Grafton; Henrietta E. Hooker, South Hadley; R. C. Watson, Cambridge; Nathaniel C. Hawkins, Lancaster; Chas. E. Allen, Abington; Milan A. Brayton, Fall River; Waldo Kennard, Duxbury; Hambrug Fanciers' Club, Boston.

ILLINOIS:—Theo. Van Gink, Chicago; R. W. Ward, Normal; Fred A. Finder, Champaign; V. E. Shell, Pekin; Mrs. C. J. Pillschafske, Mt. Auburn; C. F. Stoughton, Cambridge; Will D. Hoover, Taylorville; Geo. Dyson, Rushville; H. P. Smith, Pekin; J. C. Adams, Peotone; Edward Brundage, Chicago; Arthur T. Palmer, Chicago; Theo. Bates, Pittsfield; Rensu Muckelroy, Carbondale.

KENTUCKY:—John Anent, Louisville; Carlton Ball, Millersburg; Mrs. Robt. C. Talbott, Austerlitz; Eugene Strauss, Anchorage; Mrs. C. M. Vertree, Cecilian; Henry G. Saam, Louisville; E. K. Pennebaker, Louisville; J. G. Blair, Louisville; J. H. McDaniel, Warsaw; M. L. Walker, Louisville; Chas. A. Hess, Louisville; V. H. Gaitskill, Austerlitz.

WISCONSIN:—L. H. Schwartz, Madison; A. Abbott Brown, Waterloo; W. H. Milward, Madison; W. B. Summers, Burlington; Geo. E. Greenwood, Lake Mills; G. C. Rasch, Burlington; West Shore Fanciers' Assn., Sheboygan; W. H. Laabs, Waupaca; Waupaca Poultry Assn., Waupaca; A. Didrickson, White-water.

NEW JERSEY:—American Campine Club, Ridgefield; Martin R. Maurer, Elizabeth; Charles Fraser, Marlton; L. J. Wilson, West Collingwood; Frank J. Epple, Stockton; Geo. P. Dearborn, Blairstown; H. Abbenseth, Hackensack; Morris Co. P. P. & P. S. Assn., Morristown; Julius Otten, Paterson.

MISSOURI:—G. M. Sprout, Trenton; C. H. Rogers, Eagleville; S. C. Connor, La Monte; J. M. Stone, Columbia; Mrs. Daisy Rose, Bois D. Arc; C. H. Funk, Holden; John Hook, Belton; Geo. Sarver, Mt. Moriah; Wm. Miller, Wells-ville.

IOWA:—W. H. Topp, Westgate; D. C. Mohler, Bedford; L. L. Heim, Dubuque; Wm. Winneke, Carroll; Frank O. Green, Des Moines; F. H. Hollway, Lytton; Mason C. Ogg, Monroe; C. W. Duke, Clarinda.

NEBRASKA:—C. E. Beattie, Omaha; C. M. Hurlburt, Fairbury; Mrs. John Hensler, Malcolm; A. L. Moore, McCool Junction; Fillmore Co. Poultry Assn., Fairmont; Geneva Poultry Assn., Geneva; O. G. Smith, Kearney; H. Ray Hall, Lincoln.

CALIFORNIA:—Robt. V. Moore, Oakland; W. S. Macy, Santa Barbara; Ben M. Woodhull, Stockton; John Ernest Chandler, Los Angeles; Chas. G. Weaver, Garvanza; L. D. Berg, Arcadia; Chas. G. Hinds, Oakland.

TENNESSEE:—Mrs. John M. Grissim, Lebanon; Mrs. Reginald Stonestreet, Nashville; Chattanooga Poultry Assn., Chattanooga; Garvey McKee, Brush Creek; W. W. Newberry, Mountain City; Miss M. Hampton, Nashville; H. C. Motley, Chattanooga.

OKLAHOMA:—W. C. Bolon, Hobart; A. J. Emery, Okla.; A. B. Simpson, Shawnee; E. M. Fears, Bristow; V. A. Johnson, Porter; W. H. Catterall, Cluctasha.

FLORIDA:—Harry B. Hoyt, Jacksonville; J. C. Cooper, Jacksonville; Geo. W. Parkhill, Jacksonville; H. E. Cale,

Winter Park; Mrs. Saml. H. Happersett, De Land; J. A. Halloman, Jacksonville. NEW YORK:—May Irwin, Clayton; Elmer K. Buell, Syracuse; American Exhibition Game and Game Bantam Club, New York; Geo. H. Underhill, Fort Ann; J. D. Harcomb, Hartsdale; Royal R. Scott, Canandaigua.

WASHINGTON:—N. O. Baldwin Pomeroy; C. W. Fitzsimmons, Pomeroy; T. A. Cronk, Pomeroy; A. E. Dickson, Pomeroy; A. A. Simmonds, Bethel; Thos. Nettleton, Christopher.

ALABAMA:—W. A. Fort, Marion Junction; Dr. J. G. Hopping, Birmingham; Kyle Lawson, Birmingham; G. F. Snover, Ensley; Alabama P. & P. S. Assn., Montgomery; A. R. Harvey, Montgomery.

ONTARIO:—Leonard Rawnsley, London; E. R. Durand, Toronto; Jno. L. Brown, Seaford; Ross Swartout, Newport; J. Fred N. Kennedy, Birch Cliff.

CONNECTICUT:—G. M. Allerton, Naugatuck; Andrew Bray, Willimantic; C. W. Whitney, Bridgeport; E. L. Prickett, Hazardville; Bridgeport Poultry, Pigeon and Pet Stock Assn., Bridgeport.

MICHIGAN:—Frank I. Litwiller, Middleton; J. O. Linton, East Lansing; John H. Tomlinson, Dearborn; W. S. Cobb, Jackson; C. W. Case, Rochester.

WEST VIRGINIA:—E. J. King, Pine Grove; T. R. Smith, St. Mary's; Farmers and Fanciers Poultry Assn., St. Mary's.

GEORGIA:—Walter T. Chandler, Atlanta; Mrs. C. A. Bulloch, Bullochville; T. J. Hightower, Atlanta.

KANSAS:—Cowley Co. Poultry Assn., Arkansas City; Maggie O'Shea, Bendena; F. D. Munn, Wichita.

SOUTH DAKOTA:—J. L. Anderson, Vilas; Etta Knox, Alpena; J. K. Hull, Rapid City.

ARKANSAS:—James V. Johnson, Little Rock; Phillips Co. Poultry Assn., Helena.

NORTH CAROLINA:—Iredel Poultry Assn., Statesville; John M. Hammer, Ashboro; Lee H. Campbell, Rutherford College.

MONTANA:—J. L. Dorsh, Butte; L. W. Austin, Missoula; Daniel Bower, Great Falls.

MAINE:—National Dominique Club, Freeport; W. Edw. Scott, Portland.

MARYLAND:—Harry C. Weiller, Baltimore; Wm. S. Pike, Catonsville.

VIRGINIA:—A. E. D. Holden, Lynnhaven; Jos. G. Williams, Salem.

NEW HAMPSHIRE:—Henry B. Prescott, Derry Village.

VERMONT:—D. P. Le Febore, West Berlin.

RHODE ISLAND:—F. W. C. Almy, Tiverton Four-Corners.

IDAHO:—Kootenia Poultry Assn., Coer d'Alene.

MISSISSIPPI:—Jas. W. Cassell, Vicksburg.

TEXAS:—Arthur Ward, Gonzalas.

ENGLAND:—Captain Max de Bathe, Reading.

Total new members in foregoing list, two hundred and sixty-two.

Total new members added to association's roll call since the close of the Denver convention—or up to February 26th—six hundred and fifty-three.

THE "NON-FADING" RHODE ISLAND RED QUESTION IS BACK IN COURT, WHERE IT BELONGS

Readers of A. P. W. have been kept well-informed on the action taken to date, with reference to whether non-fading Rhode Island Reds now exist, or can be produced. It is not the desire of this journal to prolong a useless controversy, but we are interested—deeply interested—in a right settlement of an important question.

First, if non-fading Rhode Island Reds do exist, a knowledge of the fact should become known to all persons who are concerned in the promotion of the Rhode Island Red breed of domestic fowls—one of America's three great productions in this line of development.

Second, in the event that non-fad-

WHITE ORPINGTONS
An Established Strain with an Established Record

They lay like slot machines. Write for catalogue giving list of winnings at Madison Square Garden, Chicago, Buffalo International, Cleveland, Allentown, Hagerstown and Pittsburg, by birds hatched and reared on our own farm, where we have stamped the winning characteristics in our blood lines by scientific line breeding. We have improved the WHITE ORPINGTONS and WE CAN IMPROVE YOUR FLOCK

Lawrence Jackson Farm, Allegheny Co., Haysville, Pa.

CARVER'S RED FARM HOME OF QUEEN QUALITY REDS
SINGLE AND ROSE COMBS. Strongest Blood Lines In The World

We have the rich, even, dark velvet Reds with that rich, red undercolor. Those long bodied, shapely Reds, strong in black markings that appeals to the careful fancier—our matings this season have that dark, rich hackle that harmonizes with their dark, red bodies, hackle that is red to the skin, we have fortified our matings to the utmost on head points, with red eyes and low ideal combs. We have a number of classy cockerels for sale, cheap. Do not fail to get prices on eggs from our special C. A. and G. B. matings. They will open your eyes and save your pocketbook. Remember we were the big winners at the Cleveland show this year.

A. A. CARVER,

Lock Box No. 2,

SEVILLE, OHIO

ing Rhode Island Reds have not yet been produced, the question is, can they be produced? In other words, does evidence exist that would seem to indicate or prove that non-fading Rhode Island Reds can be produced in the near or remote future?

In this same connection let us find out what is meant by non-fading Rhode Island Reds. Do all persons who use this term mean the same thing? It has been said that if the founders of the different schools of Philosophy could have met and agreed on their definitions, there would have been but one system of Philosophy. In handling this non-fading Rhode Island Red question, there should be a clear understanding as to just what it meant by the term "non-fading".

The present non-fading Rhode Island Red controversy assumed an official form May 3rd, 1911, at which time the executive committee of the Rhode Island Red Club of America, at a meeting held in Boston, Mass., took action as follows:

"The matter of several members of the club, using in their advertising, the term, 'Non-Fading Reds,' was very fully discussed, and the secretary was instructed, by an unanimous vote of the committee, to notify all such advertisers, who are members of the club, that the committee considers such advertising as misleading and a detriment to the Reds, and is opposed to it, and unless such advertising be discontinued, the said committee at their next meeting will prefer charges of conduct unbecoming a member of the club."

The foregoing paragraph is quoted

from a printed report that was mailed by the secretary-treasurer of the Rhode Island Red Club to all members of the club—some twelve or fourteen hundred in number—also to the poultry press. This action gave wide publicity to the matter—as no doubt was the intention.

C. L. Buschmann and W. C. Pierce, both of Indianapolis, Ind., were advertising non-fading Rhode Island Reds in a prominent manner and were members of the Rhode Island Red Club of America at the time the executive committee of this club took the action above reported. Mr. Buschmann considered that he was one of the members towards whom the action of the executive committee was directed, and his business associate, Mr. Pierce, felt the same way about it.

The result was that at the 36th Annual Meeting of the American Poultry Association, held in Denver, Colo., last August, Mr. Buschmann desired to have a resolution adopted by the association calling for a full investigation of the matter. This resolution was referred to the executive board of A. P. A. for action.

On the motion of Chas. M. Bryant, a member of the executive board, also a member of the executive committee of the Rhode Island Red Club, the Buschmann resolution was accepted and became a part of the records of the American Poultry Association. A further motion by Mr. Bryant was

adopted which provided that the Rhode Island Red Club should be requested not to publish a report of the action of its executive committee in the forthcoming club catalogue entitled "Red Hen Tales"—the idea being that the club was to investigate the matter, doing so in justice to all concerned, and keeping in mind the best interests of the Rhode Island Red breed of Standard-bred fowls.

Instead of taking steps to investigate the question of whether or not non-fading Rhode Island Reds exist, the Rhode Island Red Club at its annual meeting held in Boston, January 10th, 1912, disposed of the matter—at least for the time being—in the following manner, as per report sent out to the poultry press by the secretary of the club:

"The action of the Executive Committee and the Club in regard to the Non-Fading proposition was as follows: Moved by Mr. Card, seconded by Mr. Seaman, that inasmuch as no charges have been preferred in or by this Club or the Executive Committee of this Club against any member of the Rhode Island Red Club of America, for the use of the term 'Non-Fading' Reds, and the use of the term 'Non-Fading' Reds in an objectionable way, having apparently been discontinued, all former votes of the Executive Committee on this subject are hereby rescinded."

Ever since this interesting question was brought to the attention of the poultry public by action of the executive committee of the Rhode Island Red Club—action taken May 3rd, 1911, at Boston—the position of

THE BEST WINNERS OF 1912-13, will surely demonstrate the fact that THE BEST EGGS FOR HATCHING his season came from

BRIGHT'S BEST OF ALL STRAINS OF BARRED PLYMOUTH ROCKS

NOT A FEW GOOD PENS and Scores more to sell from but a FEW and ALL GOOD.

FOR MALE BREEDING OUR PENS WILL BE HEADED BY:

CRUSADER V. First Prize Cockerel, Color Special and Champion male, Madison Square Garden, New York, 1910. **CRUSADER III, JR.,** First Cock at Madison Square Garden, New York, 1910, and sire of the above bird. **MARVEL III,** First Cockerel, Color Special and Champion male, Topeka, December, 1911. **IDEAL INTRUDER,** Second Prize Cockerel, Topeka, December, 1911. Two males of same line as the Second Prize Cockerel, Madison Square Garden, N. Y., 1911, that have bred first prize winners at many shows. **MARVEL II,** sire of the FIRST Prize Topeka Cockerel; Champion **INTRUDER'S MARVEL,** sire of the Second Prize Cockerel at Topeka.

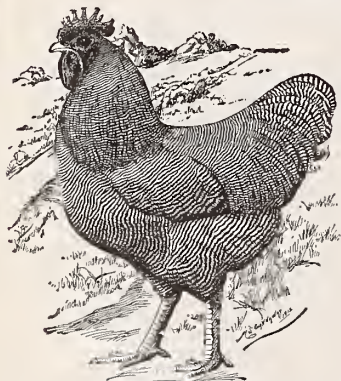
OUR MATINGS TO PRODUCE EXHIBITION FEMALES

Will contain strictly first class Exhibition Females and no second raters. The males will include the sire, the brothers, and the sons of the Grand **FIRST** Topeka Hen; for size, shape, clean color and distinct barring throughout, she has no equal. She was the Sensation at the Topeka Show in a class of between 150 and 200 of the best Barred Rocks in the West.

No such **UNIFORM QUALITY** as is found in these yards can be found elsewhere. We mate solely to produce winners for ourselves. Selling eggs is incidental. We are not striving to beat all sale records, but to produce winners for ourselves and our customers.

EGGS from these pens,—our best and only pens,—one setting \$10; two \$18; three \$25; four \$30; 100 eggs, \$50.

OF BREEDING MALES—WE HAVE A SUPERB LOT



CRUSADER V.

1st Cockerel, color special and champion male, Madison Square Garden, New York, 1910. Three Champion males at New York in five years have been Grove Hill bred birds.

Richmond, Va., Oct. 14, 1911.

Dear Mr. Smith:—Bird I received was O. K. Won 1st in hot competition and also Silver Cup. I will send for some more males shortly. What have you in a heavier bird, and bigger? I was more than pleased. Grove Hill always ins. I remain, Yours fraternally, G. E. Governator, 807 North Ave., Barton Heights, Richmond, Va.

Kenney, Illinois, Jan. 10, 1912.

Grove Hill Farm, A. C. Smith, Supt.

Dear Sir:—I am sending you clipping giving score of Barred Plymouth Rock cockerel, by Judge Gimlin, that you sent me.

'One of Mr. Hall's cockerels scored 94½ points, the

highest mark that Judge Gimlin ever put on a Barred Rock cockerel." Yours very truly, Luther J. Hall.

Fresno, California, Dec. 20, 1911.

A. C. Smith, Esq., Waltham, Mass.

Dear Sir:—You asked to know the results of exhibiting my recent purchase at the local poultry show, and I am pleased to say that I secured the Blue Ribbon upon the male bird and would have received the Sweep Stakes Cup for the best male bird in the show, had it not been for an older male bird in the Barred Rock class. We had a show of about 800 birds in all and it was one of the best attended shows that we have ever had.

Yours very truly, H. H. Holland.

GROVE HILL POULTRY YARDS,

WILLIAM ELLERY BRIGHT, Prop.,

Box 804,

WALTHAM, MASS.

A. C. SMITH, Supt.

Messrs. Buschmann and Pierce has been that they are the owners of non-fading Rhode Island Reds, that they have the right, therefore, to advertise birds of this description, and ever since the question was raised by the Executive Committee of the Rhode Island Red Club they have wanted a through-going investigation, made by non-prejudiced persons in whom the poultry public has full confidence. It is a fact that Mr. Buschmann did his level best at Denver last summer to have the American Poultry Association order its Executive Board to provide for an investigation of the question at issue, and if it had not been for the action of Mr. Bryant it is highly probable that an investigation would have been arranged for—would have been insisted upon.

Soon after the closing date of the Denver convention, Messrs. Buschmann and Pierce discontinued the use of the term "non-fading" in their advertisements in the poultry press. Why they did this we do not know. Perhaps they felt that while the matter was in an unsettled state it would be proper for them to stop using the term that had been questioned. But it now appears that Messrs. Buschmann and Pierce did not intend to discontinue permanently the use of the term "non-fading", but had some other reason for doing so temporarily. The following is a brief notice that has been mailed to the poultry press

by The Buschmann-Pierce Red Farms, of which Mr. Buschmann is president and Mr. Pierce manager:

"February 7th, 1912.

"Editor American Poultry World, Buffalo, N. Y.

"This is to inform you that we have not discontinued the use of the term 'non-fading' in our literature or advertisements in the Poultry Press.

"Yours very truly,
"Buschmann-Pierce Red Farms
"Grace C. Buschmann, Secy."

This announcement brings the non-fading question back into court, so to speak—where it properly belongs until it is settled and settled right.

As regards what is meant by the term "non-fading", one definition or explanation is to be found in the Mating List, 1912 edition, of the Buschmann-Pierce Red Farms, from which we quote the following:

"Much has been said regarding our 'Non-Fading Reds', and we are glad again to define clearly our position regarding same. The following is an extract from our 1910 sales list:

"By non-fading, we do not mean that every specimen we produce is non-fading, but that a very large percentage of the stock which is produced by us will hold practically the same color after moulting that it had before the moult. Everyone admires the beautiful plumage of the young pullet and cockerel, and it has been our purpose to preserve it. We have specimens here in our yards today at three, four, five and six years of age, which have won the admiration of all who have seen them, by the beautiful, rich color they have retained. Each year we have made it our aim to select only those for breed-

ing purposes that are non-fading, and by so doing we have established a true non-fading strain, and proven that by careful selection and mating wonderful results are obtained."

"It seems strange that such plain English should ever be misunderstood, but it has been, either willfully or thorough ignorance. But such of our fellow breeders have overlooked one fact—we actually have what we claim. They are here for any and all to see, and we are glad to say many prominent poultrymen, judges, breeders, etc., can bear witness to having seen and handled them. We ask you again to read carefully our extract which states clearly what we mean by 'Non-Fading'. We think that it is sufficiently plain for all.

"The next ten years will be 'history making' for Rhode Island Reds. The demand already exceeds the supply, and a better opportunity for profitable poultry has never been offered. In our own case we are compelled to decline the acceptance of hundreds of orders for pullets and pens each year."

These paragraphs make interesting reading—interesting as regards the non-fading question, also as regards the demand that exists for Rhode Island Reds of quality. It is the importance of this breed that measures the importance of the non-fading problem. Rhode Island Reds unquestionably are a valuable breed and American poultrymen are fully justified in taking a great interest in their welfare and further improvement. Remarkable progress has been made within the last ten years in establishing and strengthening the true Rhode Island Red color and we believe that every friend of the Rhode Island Reds

WHITE ORPINGTONS

An Established Strain With An Established Record. They Lay Like Slot Machines



FIRST PRIZE W. ORPINGTON COCK BUFFALO SHOW 1911.
BRED AND OWNED BY
LAWRENCE JACKSON HAYSVILLE, PA.

NOW IS THE TIME TO ORDER BREEDING STOCK AND EGGS. A deposit will reserve the birds for you. Our birds have won in the hottest competition of the largest shows, for ourselves and our customers. Write for catalogue giving list of winnings at Madison Square, Chicago, Buffalo International, Cleveland, Allentown, Hagerstown, Pittsburg, etc., by birds hatched and reared on our own farm, where we have stamped and restamped the winning characteristics in our blood lines by scientific line breeding. We have improved the White Orpingtons and we can improve your flock. Rose and Single Comb stock and eggs for sale.

OUR SPECIALTY IS "FLOCK IMPROVERS" and prize winners in the shape of yearling cock birds. We have at the present writing about 150 of these cocks. Remember no other breeder on earth has 150 cock birds from which to select, nor has anyone else the type and bone. Our book "Poultry for Profit" gives the essentials of success in the poultry business. It contains no advertising. Our advertising matter is free for the asking.

Winnings at Hagerstown, 1911

For years the Great Hagerstown Fair has been the battle ground of all the big breeders. To win a single first at Hagerstown has been a highly esteemed honor. This year there was the hottest contest ever seen there or anywhere else in White Orpingtons. In a class of 106 White Orpingtons shown by 20 of the leading breeders of this country, we won 5 first prizes in the Single Combs and 3 firsts in the Rose Combs, 8 first prizes in all. This is more first prizes than won by any other specialty breeder in the whole show of 7,000 birds. *1st S. C. White Orpington Cock; 1st S. C. White Orpington Hen; 1st S. C. White Orpington Pullet; 1st S. C. White Orpington Pen (Fowls); 1st S. C. White Orpington Pen (Chicks); 1st R. C. White Orpington Cock; 1st R. C. White Orpington Pullet; 1st R. C. White Orpington Pen; Special Grand North American Silver Cup for Best Pullet in all the English Classes, of any color or variety; Special Grand Championship Record Medal for the Best Bird of any age, color or variety in all the English Classes; Special Best Female Orpington in whole show, any age, sex, color or variety.* And do not forget that every one of these Specials was won by birds that were raised on our own Farm, hatched from eggs laid on our own Farm, by parents, grandparents and great grandparents that we have bred and reared. *It is in the Blood to Win*

Winnings at Allentown, 1911

1st S. C. White Orpington Pen. 1st S. C. White Orpington Pullet. 1st R. C. White Orpington Cock. 1st R. C. White Orpington Hen. 1st R. C. White Orpington Cockerel. 2nd S. C. White Orpington Pullet. 2nd S. C. White Orpington Cock. 3rd S. C. White Orpington Cock. 4th S. C. White Orpington Hen. Philadelphia Inquirer Grand Championship Medal for Best Pen. \$50 Championship Silver Cup for Best Orpington, any age, sex, color or variety in whole show. North American Silver Cup for Best Pen in all the English classes. \$50 Silver Cup for Best Pen of any breed or variety in the whole show.

We did not get all the prizes. Why? Well, there were 26 other breeders there with 148 of the best birds they had. There were 33 pullets, as fine as were ever caged. Our winning first and second pullet out of 33 picked birds from the flocks of the best exhibitors, importers and breeders in the country, is alone a winning of which to be proud, and we hatched and raised those pullets and their ancestors. It is in the blood to win.

LAWRENCE JACKSON FARM, Box W, HAYSVILLE, ALLEGHENY CO., PA.

sincerely hopes that the non-fading kind CAN BE PRODUCED.

By "non-fading", as used in this connection, is meant the establishing of strains of Rhode Island Reds in which the new plumage of hens two and three years old, for example, will be as sound in color as the plumage of pullets when the latter are in their prime. The foregoing sentence is not meant to be a definition, but will give a correct idea of what we mean in expressing the strong hope that birds of this kind already exist—or soon will exist, in large numbers. If we were breeding Rhode Island Reds as an individual we would "go after" birds

of this kind—and would keep after them if their successful production required a natural lifetime.

At the annual poultry show of the Fanciers' Association of Indiana, held at Indianapolis, February 5th-9th, 1912, the Buschmann-Pierce Red Farms made a large exhibit of Rhode Island Reds and placed on display an eight-year-old Rose Comb Rhode Island Red hen which they offered as an example—an extraordinary example on account of her age—of what they mean by the use of the term "non-fading", and by their claim that they have developed or established a strain of non-fading

Rhode Island Reds of this variety. Dozens of interested persons examined this hen, also other choice specimens exhibited by Messrs. Buschmann and Pierce, and at the request of Mr. Buschmann a number of well-known breeders and judges signed the following statement, copy of which was furnished A. P. W. for publication:

"Indianapolis, Ind., Feb. 7th, 1912.

"We, the undersigned, having carefully handled and inspected the Rose Comb Non-Fading Rhode Island Red hens exhibited by Buschmann-Pierce Red Farm at the Indianapolis Poultry Show, February 5th to 9th, 1912, do hereby affirm that the statement made by the above firm as to the Non-Fading

E. B. Thompson's Imperial "Ringlet" Barred Plymouth Rocks ARE FASHIONS PROUDEST BIRDS



"Ringlet" First Prize and Sweepstakes Cup Exhibition Pen at Madison Square Garden, New York, Winter 1910-1911.

judge. My birds are mated by my own hand.

Theodore Hewes, Judge and Editor *Inland Poultry Journal*, says:—"E. B. Thompson can come nearer telling what a mated pen of Barred Rocks will produce, both in shape and color, than any man in the Barred Rock game. He knows the breeding as well as the exhibition quality of a Barred Rock better than any one man we have talked with."

I will help you in greater success and larger profits.

Richly illustrated 60-page catalogue upon request.

Elegant Cockerels, Trios and Pens from this richest New York prize blood for sale—and mated to produce winners if desired.

EGGS from the World's Finest Exhibition Matings, after February 1st, \$10 per setting; fifty eggs \$35; one hundred eggs \$60.

SEE MY OTHER AD.
ON
BACK COVER PAGE

E. B. Thompson

Lock Box 330
Amenia, New York

The wonderful record of my Barred Rocks at Madison Square Garden, New York, winter of 1910 and 1911, is the Capstone to their unexampled record at New York for 25 years—For this achievement see Back Cover Page.

You are thinking about Eggs to produce the Silver Cup and Blue Ribbon Winners for next season's shows.

Think of the great satisfaction of winning prizes on birds you raise with your own hands—from the time the chick first sees daylight until the Blue Ribbon hangs on the coop in the show room—the delight of winning on a bird you owned all its lifetime cannot be described.

My Imperial "Ringlet" Eggs will prove a splendid investment.

You may raise a single chick worth twenty times the cost of the eggs—a bird worth hundreds of dollars—remember, the first prize cockerel or pullet at a great show always comes out of an egg.

The birds in my matings have wondrous beauty of even, blue color and narrow, sharp, evenly, divided Ringlet bars, outside and to the skin—they have fine heads, grand size, majestic shape, stylish carriage, good length bodies, and backs of great breadth carried to low, well spread tails; besides they are the richest first prize New York winning blood in the world.

My Matings are Wonderful in their High Quality and Blood Lines.

Barred Rock Fanciers who visit my farm declare my matings are unequalled. I strongly urge all Barred Rock Fanciers to come and see these matings—they cannot be equalled in America and I want you to see them—you need this Imperial "Ringlet" blood and barring to win prizes.

My Eggs are the Best that Money Can Buy—They Produce Prize Birds.

To produce the finest first prize show birds demands the highest degree of expert know-

quality of their Rose Comb Rhode Island Reds is absolutely correct.

"Among the birds on exhibition, we found one hen eight years of age that in color of back, wings, neck and breast was as rich in color as any pullet.

"Signed:

"Richard Oke, London, Ont.

"Joe Coleman, Lexington, Ohio.

"D. E. Hale, Quincy, Ill.

"J. H. Drevenstedt, Buffalo, N. Y.

"H. H. Coburn, Memphis, Mich.

"B. H. Scranton, Rising Sun, Ind."

On reading the foregoing statement, we asked Mr. Drevenstedt to furnish us, in writing, for publication herewith, an individual account of his inspection of the Buschman-Pierce Rhode Island Reds at the Indianapolis show, February 7th, 1912, so that A. P. W. readers could have his description of these birds and a detailed statement of what he thought of them. Following is Judge Drevenstedt's opinion:

"February 26th, 1912.

"The Rose Comb Rhode Island Reds exhibited by the Buschmann-Pierce Farms at Indianapolis, February 5th to 9th, were examined and handled by several judges and breeders, for the purpose of ascertaining whether the claim of their being 'Non-Fading' Reds, as made by the above mentioned firm, was justified.

"I selected feathers from the eight year old hen, which was the foundation dam of this strain of Reds, and also selected feathers from a yearling hen of the same strain. These feathers we are retaining for future use or reference. The wonderful depth and evenness of color in the feathers picked from the old hen prove that the latter, at least, belongs to the 'Non-Fading' Red class.

"From what Messrs. Buschmann and Pierce told me, I was led to believe that the term of 'Non-Fading' Reds applied only to their Rose Combs. To judge by the specimens exhibited by the Buschmann-Pierce Farms in the Rose Comb classes, the claim that they are 'Non-Fading' Reds is supported by the visible evidence. Personally, I believe it is possible to establish a strain of 'Non-Fading' Reds by very careful selection of the blood lines, and in-and-in breeding of the latter.

"If 'Stay-white' Wyandottes, Plymouth Rocks and Orpingtons can be produced by scientific selection of blood lines, why can not 'Non-Fading' Reds be produced by the same rule?

"It is the patient and progressive breeder who usually succeeds in developing that which, to the average poultry raiser, seems to be the unattainable in poultry culture.

"Twenty years ago over fifty per cent. of the White Leghorns had creamy plumage, while today it is rarely that we find a flock that contains ten per cent. of males or females other than pure white.

"We have seen Buff Wyandottes and Buff Plymouth Rock hens that carried their 'pullet color' for several years without loss of color or brilliancy, and buff is one of the most difficult shades of color to hold in adult fowl.

"This problem in breeding for the maintenance of the color in the plumage of successive generations of poultry-breeds or races opens up a great field for discussion, one that should be cultivated by all progressive breeders of Standard-bred poultry in this and other countries."

If non-fading Rhode Island Reds do not exist and cannot be produced, then, as a matter of course, they ought not be advertised. The first question is, do they exist? If so, the

man or men possessing them have the right to advertise the fact near and far. In case it is decided that they do not exist, can they be produced and is it desirable that they should be? These really are the "live" questions in Rhode Island Red circles at the present time. They are questions that ought to be thoroughly threshed out and settled—settled right.

The columns of A. P. W. are wide open to both sides of this question. If there are Rhode Island Red breeders who insist that non-fading Reds do not exist and who believe that they cannot be produced, it is their right and privilege to say so. So long as they avoid personalities and stick to the question, what they write will be welcome in these pages.

Meanwhile, we are glad that Messrs. Buschmann and Pierce possess the courage of their convictions and have shown a determination to stick to their guns until this question is investigated and the facts are established.

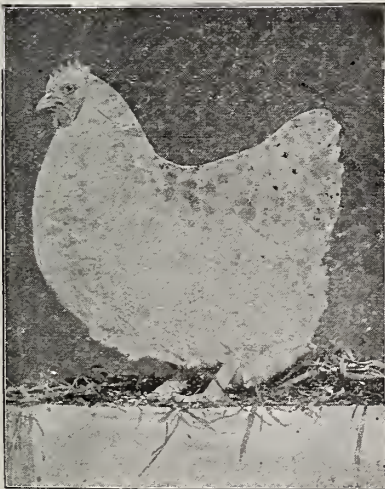
THE EMPIRE STATE NOW PLAYING SECOND FIDDLE IN A. P. MEMBERSHIP—WHY?

New York has been called the Empire State for a good many years. Its population, as per the U. S. census of 1910, was found to be 9,113,270.

Pennsylvania is the next largest state in the Union, with a 1910 pop-

Crystal White Orpingtons

KELLERSTRASS STRAIN



1st Hen at Chicago, 1911.

Aldrich White Orpington Farm, Columbus, Ohio.

and White King, which are the best White Orpington hen, pullet and cock in America today, having never been beaten. Eggs from utility pens \$5 and from Exhibition pens \$10, \$15, \$20 and \$30 for 15, guaranteeing fertility. Book your order early as we cannot supply the demand, and send for catalogue and mating list of the most up-to-date White Orpington plant in the United States. Remember we breed only the one kind and never sell a prize winner. Utility and Exhibition stock for sale. We guarantee satisfaction or gladly return your money. Write today and tell us your wants.

During the past winter we have shown our birds at the six largest shows in this country, viz: Cleveland, Baltimore, Chicago, Pittsburg, St. Louis and Madison Square Garden, in competition with over 1100 of the cream of White Orpingtons from England, Canada and America, and our birds have won a total of 20 firsts, 13 seconds, 5 thirds, 7 fourths and 6 fifths, in addition to 12 Silver Cups and 25 other specials, making a record never before equalled by a breeder of Orpingtons in America in one season. We have now in our pens more prize winners from this year's six largest shows than any five other breeders combined. Note the winnings at our last three shows in January, 1912.

Winnings Baltimore	Winnings Pittsburg	Winnings Cleveland
1st cock,	1st, 2nd cock,	1st, 2nd cock,
1st, 4th hen,	4th, 5th hen,	1st, 2nd hen,
1st, 2nd, 3rd, 4th cockerel,	1st, 2nd, 3rd, 5th cockerel,	1st, 3rd, 4th cockerel,
1st, 2nd, 4th, 5th pullet,	1st, 2nd, 3rd pullet,	1st, 2nd pullet,
1st, 2nd pen,	1st, 3rd pens,	1st pen,
16 entries, 13 ribbons,	16 entries, 13 ribbons,	11 entries, 10 ribbons,
4 silver cups,	5 silver cups,	Challenge Cup,
8 other specials,	7 other specials,	7 other specials,
160 birds competing.	113 birds competing.	147 birds competing.

At each of these three shows we won the specials for best display in English classes and in White Orpingtons.

Twenty pens now mated, every exhibition pen headed by a prize winner and mated by George J. May, conceded to be the best Orpington man in this country. They contain all our prize winners, including Enchantress, Nadima

Aldrich Poultry Farm, 4070 N. High Street, Columbus, Ohio

ulation of 7,665,111. Illinois comes next, with a population of 5,638,591, and Ohio ranks fourth, with a population of 4,767,121.

It will be seen by a comparison of the 1910 populations of New York

times as many have been enrolled from Ohio.

The question properly may be asked, "What is the matter with New York State?" And this question has been asked repeatedly during the last two or three years, notably by S. T. Campbell, secretary of the American Poultry Association and the greatest hustler for new members that the organization ever has had. One answer to this question might be that New York State needs an S. T. Campbell, because undoubtedly it has been through the personal efforts of Mr. Campbell that Ohio, with a population of 4,767,121 has passed New York in A. P. A. members, with its population of 9,113,279.

But the residence and personal activity

added new members to the A. P. A. roll as follows: Ohio, 76; Pennsylvania, 62; Illinois, 48; Indiana, 44; Missouri, 26; New York, 25; Tennessee, 22; Kentucky, 22; Connecticut, 21; Georgia, 20; Massachusetts, 18; New Jersey, 18; Alabama, 17. The 1910 U. S. Census populations of these states are: Ohio, 4,767,121; Pennsylvania, 7,655,111; Illinois, 5,638,591; Indiana, 2,700,876; Missouri, 3,293,335; New York, 9,113,279; Tennessee, 2,184,789; Kentucky, 2,289,905; Connecticut, 1,114,756; Georgia, 2,609,121; Massachusetts 3,366,416; New Jersey, 2,537,167; Alabama, 2,138,093.

Measured by population—which method certainly is fair to an old and wealthy state like New York—every state above named is adding new members to the A. P. A. roll at a much faster rate than is true of our largest commonwealth—New York State. It is clear that we must look further, or elsewhere, for the reason or reasons of New York's comparatively poor showing.

It will be noted that two years ago New York was ten ahead of Ohio in A. P. A. membership. The Empire State then had 266 members and



RUSSELL GAVE POVLTRY YARDS
LOUIS LEE HAGGIN Prop.
WHITE ORPINGTONS
LEXINGTON, KY.

One of Mr. Haggin's choicest White Orpington males, a cock bird having the characteristic cobby type of the true Orpington depth and length of body being well balanced; head and comb excellent in shape, shanks of medium length and strong in bone. The plumage of this bird is pure white free from straw color or gray ticking. By some good judges this White Orpington cock is considered one of the best, if not the best, ever exhibited.

and Ohio that the Empire State has nearly twice as many inhabitants as the Buckeye State—ninety-one per cent. more, to be exact.

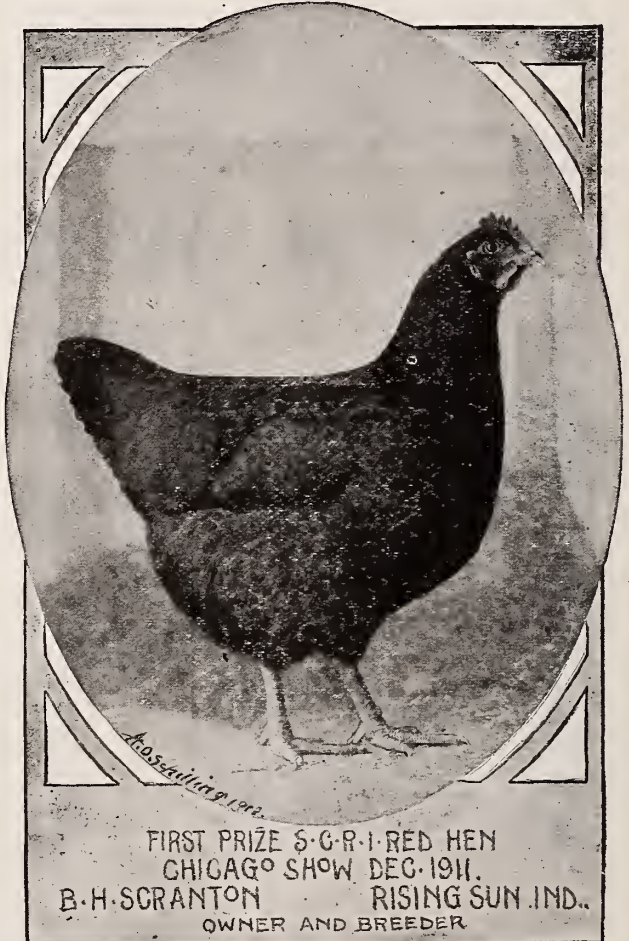
Following is a tabulation of the comparative membership of the American Poultry Association in the states of New York and Ohio, covering a period of the last ten years, bringing the comparison down to the date of the last edition of the official proceedings of A. P. A., containing the report of the thirty-sixth annual convention held at Denver, Colorado, August 7-9, 1911:

	New York	Ohio
1901.....	104	23
1902.....	109	42
1904.....	167	47
1905.....	170	66
1906.....		91
1907.....	178	123
1908.....	202	147
1909.....	219	256
1910.....	266	301
1911.....	283	

Since the close of the Denver Convention, six hundred and fifty-three new members have been enrolled. Of this number only twenty-five were secured in populous New York State, whereas SEVENTY-SIX, or three

of Secretary Campbell in Ohio does not explain the fact that such states as Pennsylvania, Illinois, Indiana and Missouri, despite their much smaller populations, are now adding new members to the A. P. A. roll at a more rapid rate than New York, while such states as Tennessee, Kentucky, Connecticut, Georgia, Massachusetts, New Jersey and Alabama, with only twenty to forty per cent. as many inhabitants, are close upon the heels of the Empire State.

Since the close of the Denver Convention the states here named have



ABOUT EVER SO OFTEN AN INDIVIDUAL SPECIMEN APPEARS IN OUR MOST POPULAR BREEDS OR VARIETIES OF DOMESTIC FOWL THAT ESTABLISHES A NEW HIGH RECORD FOR EXTRAORDINARY QUALITY—THAT REPRESENTS A NEARER APPROACH TO PERFECTION, THE STANDARD IDEAL. At the Chicago Show, in December, 1911, we found one of these superior specimens in B. H. SCRANTON'S first prize S. C. Rhode Island Red hen, a bird that in shape stood out from the rest of the class, and was considered by leading judges and breeders to be the finest specimen of matured Rhode Island Red female type shown to date. In addition to first prize honors and special for best shaped female, this grand hen was awarded club ribbon for best colored female in a class of forty-three pullets and twenty hens.—Wm. C. Denny.

Ohio 256. One year later New York had 283 members enrolled and Ohio had 301, a gain of 28 in favor of the Buckeye State. February 25th, 1912, New York State had 308 members and Ohio 377—giving the Buckeye State a lead of 69 over New York. And this condition exists, notwithstanding the fact that New York State has nearly twice as many inhabitants as Ohio.

AMERICAN POULTRY WORLD believes that the main reason for the slow progress being made by New York State is to be found in the foolish ideas, impractical methods and general unsoundness of the present secretary of the State Branch. Some two years ago Dr. Stanley A. Merkley, a dentist of Buffalo, N. Y., was chosen secretary of the Empire State Branch—and it was an unfortunate selection. Editor of A. P. W. has had to revise his opinion of Dr. Merkley and in this article (also in the one following, entitled "How Not to Conduct a Great International Poultry Exhibition") we give our reasons for so doing. These reasons are of a public nature—they have to do with the welfare and up-building of the poultry industry, both local and general, therefore they are not out of place in the public print.

The new constitution of A. P. A. adopted at the Auburn N. Y., meeting, January, 1907, provided for branch associations. At each annual convention held since the new constitution was adopted, reports from branch officers have been called for—and this

was done at Denver last summer. Dr. Merkley, in his capacity as secretary of the New York State Branch, was present at the Denver convention and read the following report:

REPORT OF THE NEW YORK STATE BRANCH

"New York is still the Empire State of the A. P. A. We have added fifty members during the past year and have fourteen more still paying on the installment plan. We are endeavoring through reconstruction of our Constitution and By-Laws to improve our efficiency for harmonious and vigorous action on matters which will bring direct benefits to all poultrymen of the state and not to our members alone. This will open the field for a systematic canvass for new members, when we can point to real benefits obtained through the organized efforts of the Branch.

"The inactive membership in this as in all other Branches has grown too fast, and these in the aggregate are a serious menace to the usefulness of the Parent Organization, as was evinced by the little interest taken by the majority of our membership in the elections, Standard revision, and other important matters.

"The A. P. A. has many useless limbs, it needs pruning, it needs a different classification of its members, as active and inactive, and above all it needs a deeper mulching, that the roots may extend into a richer soil which will yield fruits abundantly, as direct benefits to the poultry industry, and not to the fancy alone.

"We believe that increased membership is no criterion of successful development in the Branch or the A. P. A. in general. 'By their fruits shall ye know them' and not by the branches.

"When we, as members of the A. P. A., can point with pride to large annual governmental appropriations for advancing the poultry industry, through

the dissemination of a thorough knowledge of the advanced methods of poultry-keeping, through poultry colleges and our public schools;

"When we have procured greatly reduced express rates and a safety guarantee when shipping poultry;

"When we have secured financial aid for all poultry shows;

"When we are able to convince the 1,200 poultry show associations of America, which have not as yet seen the advantages of membership in the A. P. A., that we are endeavoring to devise the best methods and rules for operating their shows;

"When the A. P. A. will advocate Home Rule for both Branch and Show Associations;

"When we can conscientiously accept the \$10 membership fee from show associations, believing that we are offering value in return;

"When we have extended our Standard specifications that they will appeal to the utility breeders;

"When we have stopped our quibbling on minor disqualifications of show birds;

"When we have established a Standard for A. P. A. membership equally discriminating and disqualifying as we at present apply to the fowl;

"When the A. P. A. regains its prestige through an undisputed assurance of its ability to produce the Standard ideals worthy of acceptance by the wise and critical fancy;

"When the A. P. A. has established its right as guardian of all the poultry interests of America;

"THEN can we as members of the New York State Branch feel that the Parent Organization is approaching the broad field which it should occupy as America's Greatest Poultry Organization and will be giving to the Branch Associations a legacy far greater than cash refunds.

"But while we are working and waiting for that glorious day, we will not lose any opportunity for advancing our

HAWKINS ROYAL BLUE BARRED ROCKS

Have been winning at the great **Madison Square Garden, New York Show** since 1883 and at the last exhibit in the **Garden Dec. 1911**, in strongest competition made a **most decisive victory winning six out of eight prizes awarded on Barred Rock cockerels**, including **First Prize and Grand Sweepstakes Special** for the best cockerel in the show, also **Grand Special Prize** for best Cockerel mated breeding pen.

EGGS THAT HATCH WINNERS

are what my customers will get from my 1912

"ALL STAR" MATINGS

containing my **New York winning males** mated with sisters and daughters of **World's Champions**. These pens were mated by the breeder whose **1911 matings produced more prize-winning cockerels at the last New York Show, Dec. 1911 than all other breeders in America combined**. Why should they not produce the **Champions of 1913**.

EGGS FROM THE "ALL STAR" 1 setting \$10, 2 settings \$18, 3 settings \$25. 100 eggs \$50.00. **2000 Choice breeding birds for sale**. Catalogue of the Champions free.

A. C. Hawkins, Lock Box 30, **Lancaster, Mass.**

membership, using the meager means at our disposal.

"Respectfully submitted,

"H. F. Hildebrandt,

"President.

"Stanley A. Merkley,

"Secretary-Treasurer."

The foregoing report would have

executive committee of the New York State Branch voted to send Dr. Merkley to Denver as a representative of the Branch—and pay his expenses. It was learned that Mr. Hildebrandt could not attend the convention, doing so in his capacity as president, and it was felt that the New York State Branch ought to be represented at the Denver meeting. Mr. Denny asked the writer of these lines if he did not think it would be in the interests of the New York Branch to have Dr. Merkley make the trip, and we concurred promptly and heartily in his suggestion. So much for any personal feeling we may have entertained in the matter.

When Dr. Merkley read his report in open convention at Denver we were present. There are

ley had said on the floor of the convention, in answer to questions put to him in as respectful and considerate a manner as we knew how to ask them, that his report was not the report of the executive committee of the New York State Branch, that it had not been adopted at a branch meeting—that it was a report prepared by him, submitted to Mr. Hildebrandt and signed by them as representing what they believed should be included in the branch report.

The report is published in full herewith and speaks for itself. No doubt Dr. Merkley's intentions were right in preparing and submitting this report, but the report shows that he was not well-informed, that he is radical in his views—that he lacks average good judgment and plain, practical, every-day common sense. When we heard his report read at Denver, we felt that the author of it was not well-posted on the work and aims of the American Poultry Association—also that this report was not a very good document on which to base a plea for increased membership in the Empire State. We hold to that opinion still. Whether or not we are right, is a question that may well be left to the judgment of poultrymen and poultry women in New York State



FIRST PRIZE S-C WHITE LEGHORN HEN
Gr. INTERNATIONAL SHOW BUFFALO 1912
Bred & Owned By MOORE BROS. MOSCOW N.Y.

A clean cut White Leghorn hen, showing the grace and style of a pullet: long bodied, deep breasted, with good length of back and full and well-spread tail, this bird is almost a typical Leghorn in shape, her only cuts being the comb, which is a trifle too high in front and does not lap over enough. In plumage this bird is as white as the driven snow.—J. H. Drevenstedt

been accepted as representing the views or opinions of the Empire State Branch, had not the editor of A. P. W. (a member of the parent body and of the New York State Branch) asked Dr. Merkley, on the floor of the convention, who was the author or authors of this report—that is, whose ideas or convictions the report represented. It then developed that this report had been written by Dr. Merkley and forwarded by him to Mr. Hildebrandt, at that time president of the New York State Branch. Mr. Hildebrandt signed the report and returned it to Dr. Merkley. This report was not sent around to the members of the New York State Branch, nor was it submitted to or approved by the executive committee of the branch—therefore it may be said to represent the ideas and opinions of the two men who signed it.

It was at the suggestion of Wm. C. Denny, associate editor of AMERICAN POULTRY WORLD, that the

a number of expressions in this report that we felt it would be better to omit or modify—expressions arising from his lack of knowledge of what the American Poultry Association has done and is aiming to do. In a friendly way, with the best of intentions, we suggested that the Doctor's report be tabled, so that the New York State members who were present could confer with the author of this report and perhaps modify some of its statements. Dr. Merk-



WINNER OF FIRST CKL MADISON SQUARE GARDEN.
BRED & OWNED BY ARTHUR G. DUSTON S. FRAMINGHAM MASS.

The sturdy, vigorous and business-like appearance of Mr. Duston's winner shown above, must appeal to all who are interested in maintaining the superiority of the White Wyandottes as one of the so-called "general-purpose" fowls. Birds of this type have stamina and ability to abundantly reproduce. During the past twelve or fifteen years, we have seen and handled many of Mr. Duston's winners, but doubt that ever during that time he has shown a bird equal to "Framingham Chief", who was one of the most attractive of the many choice specimens in the best class of White Wyandottes shown to date.—Wm. C. Denny

who are members of A. P. A. or who have some idea of joining the organization.

In the main, we liked Dr. Merkley's report, but we would not have worded it in the way that he did. We do not like the statement that "the inactive membership of the different branches have become a serious menace to the usefulness of the parent organization", because we do not believe this to be true. We do not agree with the idea that "the A. P. A. has many useless limbs". Fact is, we do not know that it has any such limbs—do not even know what the Doctor means by this expression or statement. No one has claimed that "increased membership" is a "criterion of successful development". Also we are opposed to the use of such expressions as this: "When we can conscientiously accept the ten dollars membership fee from show associations believing that we are offering value in return".

Possibly we ought to be pleased when a report of this kind speaks of the day "when A. P. A." shall regain "its prestige through an undisputed assurance of its ability to produce Standard ideals worthy of acceptance by a wise and critical fancy". However, we do not approve of that statement—not in its bald and sweeping form. And we were—and are—opposed to the closing sentence of Dr. Merkley's branch report. Here it is: "While we are working and waiting for that glorious day, we will not lose any opportunity for advancing our membership, USING THE MEAGER MEANS AT OUR DISPOSAL."

If Dr. Merkley, in his capacity as secretary of what should be the largest and most result-getting branch of A. P. A., had omitted the words, "using the meager means at our disposal", his report would have set better on our A. P. A. stomach—but the Doctor was headed in the other direction and his parting words formed the worst slap of the lot at the association, which later on accepted his report, also at the state branch whose membership paid his expenses to Denver and return.

What we didn't like about Dr. Merkley's conduct at Denver was the fact of his making a motion that the so-called New York Branch report be taken from the table and adopted, doing this in the absence of the man who had asked that it be tabled. We attended every session of the Denver convention and when we were absent once or twice for an hour or so at a time, it was on A. P. A. business, in connection with committee work, etc. Worse still, the Doctor entered upon a tirade of personal abuse—doing this in the absence of the editor of the A. P. W., which wasn't a very manly and sweet-tempered thing to do. In the course of his speech Dr. Merkley made a number of misstatements, one of which we shall quote, with the object of correcting it. Here it is:

"Mr. Curtis does not attend our branch meetings. He is in no way interested in the development of the branch; in fact, he opposes us in many ways, especially on our appropriation. Last year when we worked for the \$90,000 (money obtained from the New York State Legislature for erecting a poultry instruction building in connec-

tion with the State College of Agriculture at Cornell University, Ithaca), he didn't bother at all, but we got the appropriation without his aid."

It is a fact that, with one exception, we have not attended the meetings of the New York State Branch. It is not a fact that we have ever opposed the work of the officers and membership of the branch—not in a single instance, let alone doing so "in many ways". It is not a fact that we opposed the work of the New York State Branch or of any one else in securing the \$90,000 appropriation, or any other appropriation—not in the slightest degree. Yet Dr. Merkley says that we did this "especially".

What we are writing here is in no sense meant as a personal justification. We are indifferent as to what Dr. Merkley thinks of us personally, but we are not indifferent when it comes to the matter of the welfare and progress of the poultry industry of the country, our home state and home city included. Every good reason exists why we should want to see the New York State Branch increase in membership and influence—also why we should like to have a large, well-conducted and truly representative poultry exhibition held annually in Buffalo, New York.

As regards the \$90,000 appropriation, we strongly favored it, wrote letters to help secure it—did everything that we were asked to do, except to make a trip to the state capital and address the members of the Legislature on the question. Other

New York poultrymen and friends of poultry visited Albany—more of them than could make speeches or remarks during the time allotted to the delegation. At the time we were asked to go to Albany we had another important matter in hand—one that could not be postponed. Now and then in the career of a busy man cases of this kind arise. One would think that man of Dr. Merkley's age and knowledge would have made allowance for this fact.

Imagine any well-informed poultry authority referring to us in these words: "He is in no way interested in the development of the branch". We had the honor to be one of the first to advocate A. P. A. branches—doing so because of our deep interest in the growth and future work of the American Poultry Association. Five and six years ago we did all that we could—and at large personal sacrifice—to help introduce state and provincial branches—to help make this an important part of A. P. A. expansion and usefulness. First to last we have been a consistent supporter of branch organization, or branch activity—of localizing the good work that A. P. A. can and should do in behalf of the great industry it is seeking to represent.

It is on this ground, as well as for reasons of respect and friendship, that we rejoice in the fact that Robert H. Essex, Buffalo, N. Y., has been elected president of the New York State Branch. Mr. Essex is an excellent man for the position. He will

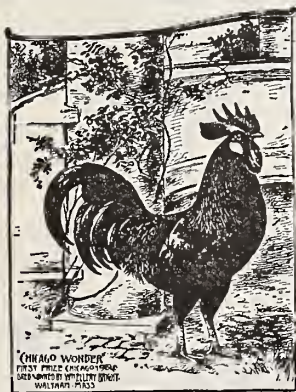
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At the three greatest World's Fairs, Pan-American, St. Louis, and Jamestown Expositions and at Boston, Philadelphia, Chicago and Topeka, they have been invincible and have won far more than any competitor and about as much as all.

Now is the time to purchase a fine breeding male, trio or pen to breed many 1912 winners.

EGGS from the best pens—same as we shall hatch our winners from, \$7.00 to \$15.00 per setting.

DEPENDABLE BREEDERS A SPECIAL SPECIALTY

Grove Hill Poultry Yards, Box 404 A, Waltham, Mass.
WILLIAM ELLERY BRIGHT, Prop. A. C. SMITH, Supt.

put into the work of this office his best endeavors—will try hard to place the Empire State back where it belongs as regards A. P. A. membership—the position it ought to occupy at the head of the list, because of its large and prosperous population. In this effort he will have the best wishes and hearty support of the editor and associate editors of AMERICAN POULTRY WORLD. The next step should be to elect a competent, well-balanced, energetic secretary—and this secretary should reside in the eastern part of the state. At the last state branch meeting, held in Buffalo, N. Y., January, 1912, in connection with the International Poultry Show, L. D. Howell, Mineola, N. Y., secretary of the Grand Central Palace Poultry Show, New York City, was placed in nomination for the office of secretary—and his friends believe that he would fill the position in a capable manner.

The trouble with Dr. Merkley is that he is both unsafe and unsound. He has proved this during the last year in more ways than one—and is continuing to pile up the proof. Examples are not lacking. Here is one: At the Denver meeting of A. P. A. it became the plain duty of the editor of A. P. W., as a member of the executive Board, to object to the election of a certain Buffalo man to membership in the organization. At a meeting of the Executive Board, when this man's name came up for acceptance or rejection, we stated that he was on public trial—that the first verdict of the court had been against him, that he had appealed the matter, that a higher court had sustained the verdict of the lower court, that another hearing had been asked for on new evidence—that the matter was still unsettled. The Executive Board, without discussion, decidedly unanimously not to accept to membership the man in question.

Dr. Merkley was at Denver and had handed in this man's application, among others. At that time he knew the facts in the case as well as we did, because the Buffalo daily papers had reported the progress of the trial and re-trial, doing so time and time again. As a matter of course, Dr. Merkley, in his capacity as secretary of the New York State Branch, ought not to have handed in this man's application—not until the latter had proved himself innocent of the serious charge placed against his name.

But that is not the worst of it. Soon after Dr. Merkley returned to Buffalo he visited the business office of the man here referred to and told him, with an oath, that it was Curtis who had prevented him from being accepted to membership, at the same time applying to us a vile epithet.

It was made plain at Denver, in open convention, that certain discussions and acts of the Executive Board of the association ought not be made public. This is especially true as regards such matters as the rejection of names offered for membership. Ordinarily if this precaution were not taken the Executive Board and members thereof would hesitate to discuss freely various important matters that

relate to the welfare of the organization—matters that need to be entrusted to the Executive Board instead of being handled in open convention.

At Denver we advocated public sessions for the Executive Board, subject only to its holding "executive" or closed-door sessions whenever a majority of the members felt that it was wise to do so. One thing we had in mind was that present and future members of this Board, for personal or business reasons, might hesitate to speak and act freely on such questions as the election of new members unless they could do so without making public their information and personal opinions. Furthermore, we believe that when the application of any proposed member is held up, no matter what the reason, the applicant should have the right to appear before the Executive Board at the time or at a later date and defend his good name. And at the next annual convention—if we are present—we shall offer an amendment to the constitution to this effect.

From a personal point of view we do not object in the least to the fact that Dr. Merkley told this Buffalo man that it was "Curtis" who kept him from being accepted to membership in the A. P. A., and we are able to ignore the low-bred epithet with which he polluted his tongue and branded his mind, but we respectfully submit that a man of this stripe and calibre is not well qualified to build up the New York Branch of A. P. A. and place the Empire State at the head of the list of A. P. A. membership, where it ought to be by right of its large population.

We have said also that the Doctor is "unsound". By this we mean that he is unsound with reference to A. P. A. doctrine and progress. The evidence is not far to seek. A year ago last winter Dr. Merkley accepted the position of secretary-treasurer of the International League of Poultry Show Associations. In fact, he was one of the prime-movers in launching this league. The organization meeting was held in Buffalo, in connection with the 1911 International Poultry Show, and Dr. Merkley was appointed temporary secretary-treasurer. Later on he became permanent secretary.

Numerous letters and communications were sent out by Dr. Merkley, in his capacity as secretary of the new League, stating the objects of the organization and soliciting members. Following is one of the communications that Dr. Merkley sent to the poultry press last summer:

"The International League of Poultry Show Associations keeps growing. Associations from the different states are banding together in this League, which they have good reason to believe will bring to them great benefits.

"We note with pleasure the quick response on the part of the A. P. A. to the circular letter sent out by the secretary of the League to the 1100 poultry show associations of the country, regarding the exorbitant express rates on poultry, and the proposed preparation for an attack on the express companies.

"The Show Associations are much interested in such matters, and will be much pleased to know that the A. P. A., through its express committee, has

taken the matter up, and we can assure them that this League will assist in every way, for IT IS A BOOSTER AND NOT A KNOCKER, as some of the high-narrow-gauged critics in the A. P. A. would have some think.

"We are endeavoring to enlist in this League the 900 poultry show associations which have not yet been convinced of the advantages from a membership in the A. P. A.

"Gradually through this League they will realize the benefits that come through organization, and then perhaps the remodeled proclivities of the A. P. A. might appeal to them, and the way will be opened to make our A. P. A. truly representative of the Poultry Show interests.

"The suggestions advanced through this League, for consideration by the A. P. A., would go far toward improving the rules and management of our shows, but the DOG-IN-THE-MANGER POLICY on the part of some of our A. P. A. members toward this young League has not been as yet very conducive toward establishing such relations as should exist. The League is ready and willing to become a member of the A. P. A., if acceptable, but does not want to be made to appear as a refractory offspring.

"Make it pleasant at home and the child will remain where it belongs, but should it ever be forced to assert its rights, which by the way have been neglected in the past, it will surprise many to find out how powerful the baby has grown.

"Information regarding the League can be had from the secretary,

"STANLEY A. MERKLEY,
"Buffalo, N. Y."

Fully two years ago, and before the poultry public ever heard anything about an International League of Poultry Show Associations, the A. P. A. had appointed a committee on express rates and at least a year before this league was organized, the said committee had collected a large amount of data in the form of complaints, suggestions, etc., which data formed the basis for action that was taken on the subject of express rates at the Denver convention last August. Yet as late as last summer, Dr. Merkley, as secretary of the International League of Poultry Show Associations (he was then secretary also of the New York State Branch), said: "We note with pleasure the QUICK RESPONSE on the part of the A. P. A. to the circular letter sent out by the secretary of the League to 1100 poultry show associations of the country, regarding the exorbitant express rates on poultry, etc.

It will be noted further that the valorous secretary of the newly-hatched league (also secretary of the New York State branch of A. P. A.) said in his circular letter to the poultry press, above quoted, that the league itself was a booster, not a knocker—then he proceeded to "knock" the "high-narrow-gauged critics" in the A. P. A., also the A. P. A. itself, which he said had not been able to convince most of the eleven hundred poultry show associations "of the advantages from a membership in A. P. A.," and he took a shot also at certain members of the A. P. A. who were accused by him of having adopted a "dog-in-the-manger" policy toward the new league," etc.

Furthermore, we were told by Dr. Merkley, in his dual capacity as secretary of the International League of Poultry Show Associations and secretary of the New York State Branch of A. P. A., that "the league is ready

and willing to become a member of A. P. A. if acceptable, but does not want to be made to appear as a refractory offspring". This quotation also is from the Doctor's circular letter, mailed by him to the poultry press of the United States and Canada for publication. Continuing he said: "Make it pleasant at home and the child will stay where it belongs". Readers were left to infer that if for any reason A. P. A. did not make it pleasant, this "child" would go elsewhere, would not "remain where it belongs."

Not only would the "child" go elsewhere, but the Secretary of the New York State Branch, in his role as secretary of the new league, gave warning that if the A. P. A. did not do thus and so it would "surprise many to find out how powerful the babe had grown." Why this threat—and how much did it mean?

Such a communication would have been regarded as so much drivel, if it had not had back of it the official titles of Dr. Merkley, in his capacity as secretary of the new-born league and of the New York State Branch of A. P. A. And it was drivel—as was most of the other communications that Dr. Merkley sent out as secretary of the proposed league. These communications and letters were of the same ill-considered, curtain-lecture type as was Dr. Merkley's New York State Branch report, as read by him at Denver last August. The same discordant note is to be found in most of the Doctor's writings, whenever he has occasion to refer to the American Poultry Association. Here is a recent example, reprinted from the National Poultry Magazine of date January, 1912:

"The New York State Branch has not had a square deal during the past year and at the convention last summer was not given credit for the full amount of members taken in during the year. That is not the proper spirit for the betterment of the association and it is just such petty spite work and personalities that should be eliminated. We trust that it will be done; that there will be many changes made in the rules and regulations of the association."

Note the suggestion that "many changes" are required in the rules and regulations of A. P. A.—of the parent body of which the New York State Branch forms a part! This sort of aimless comment savors far too much of disloyalty. Its inevitable effect will be to injure the association rather than to benefit it. Such utterances as we are here reviewing, coming from the pen of the secretary of an important state branch, are certain to bring the association into contempt instead of increasing respect for it and enabling it and its branches to secure new members.

How can we expect the New York State Branch to increase in membership, to hold its own in competition with other states, so long as it has a secretary who is so much dissatisfied with the aims and progress of the association and who is so keenly anxious to express his dissatisfaction in the public print and elsewhere? It is surprising that New York State has done as well as it has, during the last two years—or since it has had Dr.

Merkley as secretary. Unquestionably this state branch has grown in spite of him, but it has not grown anywhere near fast enough. Nor could we expect it to do so.

At the time the International League of Poultry Show Associations was being promoted by Dr. Merkley and others, we opposed the movement in these columns, taking the position that the league was not needed—that it was planning to do exactly the things that A. P. A. has for its objects, under the new constitution and by-laws, which A. P. A. can do to better advantage than some new organization. Commenting on the advertised objects of the proposed new league, we said in August, 1911, A. P. W.:

"The objects included by Secretary Merkley in the work that the new League proposes to do, are exactly such things as the American Poultry Association should do—and can do to excellent advantage! Then why have two organizations when one will answer the purpose? Why put the poultrymen and poultry organizations of the country to double expense for annual or special meetings, for railroad fare, for committee work, etc., when unquestionably the American Poultry Association can do this work at one-half the expense—and can do it twice as well?"

"An active, capable A. P. A. committee on show dates, show management, show practices, etc., is what is wanted—not a new and costly independent organization. The president of A. P. A. should be chairman of this committee and the secretary of A. P. A. should act in the same capacity for the proposed committee."

It may be that our opposition to Dr. Merkley's pet league may have been the cause of the personal abuse which he indulged in at our expense at the Denver convention last August—doing so in our absence from the hall of the convention. Be that as it may, we believed at the time that this International League of Poultry Show

Associations was a case of misdirected energy—and we believe so now. Later events appear to have supported our view of the matter. For example, in Dr. Merkley's communication, circulated by him last summer, he said: "The International League of Poultry Show Associations keeps growing. Associations from the different states are banding together in this League, which they have good reason to believe will bring them good benefits."

So far, so good—but what has become of the International League of Poultry Show Associations? We do not know. Whether or not it is still in existence we cannot say—not positively. One thing is certain—it omitted to hold its annual meeting this past winter. Dr. Merkley was asked a number of times what had become of the league, when it was to meet, what progress it had made, etc. To these questions no definite information was vouchsafed. We are of the belief that the Doctor's rash statements helped to put this league out of existence. Its birth really was a mistake and the chances are that at this early date it has found its last resting place in the dust bin of oblivion. Its objects represented work that the American Poultry Association should do—and do in a thorough-going manner.

At the last annual meeting of the New York State Branch of A. P. A., held at Buffalo, Jan. 1912, the constitution was changed, so that in future the officers of the branch are to be elected by mail vote, as is the case with the parent body. This action was taken on motion of W. C. Denny, (Associate Editor of A. P. W.,) made and adopted at the annual meeting of the Branch held at Rochester a year ago. The plan of electing officers by mail vote prevents local influence



EGGS For Hatching

Day-Old Chicks Baby Ducklings

Consider quality first in the eggs, day-old chicks and ducklings you buy, and remember that high quality is more economical than inferior quality. Afton Farm products are strictly the best. The prices are neither the highest nor the lowest; they are just what is consistent with the high quality for which Afton Farm, during the last 33 years has become famous. Those who purchase from

AFTON FARM

are always satisfied with the quality and prices. For Breeding Stock, Hatching Eggs, Baby Chicks and Ducklings, you cannot possibly do better than buying from Afton Farm.

Mammoth Imperial Pekin Ducks—New York and Philadelphia prize winners, wonderful layers and quick growers. 500 hens averaged 149 eggs last year. Dress 10 pounds per pair at 10 weeks old.

Single Comb White Leghorns—Heavy winter layers. Big profit makers because of their big egg production when prices are highest. Their eggs demand a premium.

Barred Plymouth Rocks—These are the old dependable utility fowl of unsurpassed general purpose merit. They are so great that they have been indispensable for improving other breeds.

White Wyandottes—Birds of extra size and conformation. They lay about 200 eggs a year. Good broilers, roasters or capons.

Write for prices today. "Facts from Afton Farm"—a booklet based on 33 years of successful handling of poultry—will be sent free on request. It is interesting and informative. Send for it today.

AFTON FARM,
S. B. & E. W. TWINING Box D—53 YARDLEY, PA.

from dominating the elections. This should have been the method of election from the first. At the first election by mail vote the New York State members of A. P. A. will be given an opportunity to select such officers as they believe will serve the branch's interests and the interests of the parent body to best advantage—capably, loyally and on practical, common-sense lines.

To put the Empire State back where it belongs at the head of the list in A. P. A. membership, the affairs of the branch must be in the hands of men in whom the poultrymen and women of the Empire State have confidence. A secretary is wanted who will work loyally, whole-heartedly for the state branch and the parent body, not a man who would like to build up a rival association or league. What is wanted is a man with no other association interests outside of A. P. A. and who, instead of privately and publicly "roasting" the association, will get into the harness and do his utmost to help correct matters where he believes improvement should be made, rather than to bemoan the "meager means" placed in his hands with which to make headway. Dr. Merkley is not in this class—a fact that he has proved by his own acts. To expect the New York State Branch to prosper while he is its secretary, is to expect the impossible. The office of secretary in a case of this kind is as important as the office of president.

The editor of A. P. W. and his associates have no desire to exercise undue influence in the affairs of the New York Branch. None of us is a candidate for any office at the gift of the branch. The writer of these words has not made the slightest effort to dominate the affairs of the State Branch. On the other hand, as a member of this branch, and as a New Yorker who takes a pardonable pride in his home state, we should like to see the Empire State Branch get back into first place, at the head of the list of A. P. A. membership.

In order to do this it will be necessary to elect to the highly important office of branch secretary some capable, hard-working member whose loyalty to the association cannot be questioned, who will be broad-minded enough to handle the duties of the office on practical, common-sense lines, and who will have the good sense to ask for and the personality to command the hearty co-operation of the most representative poultrymen and friends of poultry culture in New York State—the Empire State of the Union.

HOW NOT TO CONDUCT A "GREAT INTERNATIONAL" POULTRY EXHIBITION

Four or five years ago when J. Thos. Harp, C. J. Standart and other Buffalo men evolved the idea of converting the local Buffalo Poultry, Pigeon and Pet Stock Show into a big International Exhibition, which each year would attract a large number of representative Canadian poultrymen across the border and at the same time prove an

inducement for American poultrymen of national reputation to patronize the Buffalo show, Messrs. Harp and Standart called to see the Editor of A. P. W. a number of times and asked for suggestions. These suggestions were given freely, gladly—and we heartily endorsed the idea of a big International Show to be held annually in Buffalo, on the broad basis outlined in this paragraph.

Matters progressed favorably, representative Canadians took an interest in the matter, joined the Buffalo Poultry, Pigeon and Pet Stock Association, and from that date to the present time have done their share to help make the International Poultry, Pigeon and Pet Stock Show of Buffalo a reality—a creditable success. After a couple of years or so had gone by Mr. Standart found it necessary to give up the position of secretary, on account of his work in connection with the New York State Department of Agriculture, and was followed in office by Dr. Stanley A. Merkley, a Buffalo dentist, who has been interested in various poultry matters for quite a number of years, including the invention of poultry devices, such as brooders, trap-nests, etc.

In order to save space and not bore our readers unduly, we shall confine our further remarks, in large measure, to the last so-called International Show, which was held in Buffalo, January 2-8, 1912. This show was a sore disappointment—and not all of the blame rests with the management. A building known as the Arsenal had been decided on, dates had been fixed and judges arranged for. Later this building was condemned by the city and another building, Convention Hall, was secured. Probably that change cut down the entries and made some difference in the selection of judges, but it is not a proper excuse for the poor judging, because competent judges could have been secured, if the management had desired to obtain their services.

This last Buffalo Show was a Dr. Merkley show, in large degree. For the last two seasons he has been the head and front of the Buffalo Poultry, Pigeon and Pet Stock Association, of which he is secretary, also of the Buffalo Poultry and Pigeon Club, of which he is president. He has dominated the affairs of the Buffalo association that is seeking to hold a great International show each year and has stated that if things were not done so and so, he would not continue to act as secretary, etc. In the main, therefore, Dr. Merkley must assume the responsibility for the mismanagement of this international fizzle—for that is what it has turned out to be.

In the first place, Dr. Merkley is sadly lacking as regards having a proper idea or understanding of the character and dignity of the Standard-bred poultry business—of the poultry industry as a whole. In support of this claim we present a few illustrations. Here is one that is quoted from a press notice which was sent out by Dr. Merkley, announcing "The Great International Show" to be held in Buffalo, January 2-8, 1912:

"Plans are laid for a big laying

contest during the show, which will test the producing qualities of those hens which always lay so well at home. The male birds will not be forgotten—there will be a contest for them. It has been discovered that the male bird which crows the most frequently has the best vitality, a thing to be desired in all breeding stock. So a crowing contest has been arranged and like the laying contest, will be open to all who wish to enter in that class, and several liberal specials have been offered already because of the novelty of the affair.

"The bird that will crow the most number of times in a certain number of minutes will get a handsome prize. There will be prizes offered also for the long crows, loud crows and all other kinds of crows. The contest will be on for a short time each day, the birds being kept covered until the appointed time. This attraction will be used as an advertising feature to stir up that class of individuals who are always looking for something new, and who always crave some activity in a contest of every kind, and on whom the stately pose of the fancy feathered birds make no impression."

There is dignity for you—and sense! Here we are told by the secretary of a "Great International Poultry Show" that "there will be prizes offered also for long crows, loud crows and ALL OTHER KINDS OF CROWS." Are we to believe that Secretary Merkley, or the management of the Great International Poultry Show, at the time this notice was sent to the poultry press of the United States and Canada, really meant that special prizes were to be awarded on "all other kinds of crows?" Of course they did not mean it—yet this sort of sense, of child's-play, is certainly not to be the general public to ridicule the poultry industry and to look at the poultrymen and poultry with contempt.

Nor does the fact that Dr. Merkley was to be allowed a percentage of the door receipts help the case one bit. There are other ways—sensible ways—to attract people to a poultry show. If this is not true, then it follows that we must look elsewhere for the needed revenue. In no event are we justified in making a Punch and Judy affair of what purports to be a Great International Poultry, Pigeon and Pet Stock exhibition.

Dr. Merkley, however, was true to his convictions—to his personal ideals. In the foregoing announcement of "The Great International Show" he says: "This attraction (the crowing roosters) will be used as an advertising feature to stir up that class of individuals who are always looking for something new and who always crave some activity in a contest of every kind". The words, "that class of individuals" are good—decidedly so! Possibly it is in keeping with a well-managed, properly conducted "Great International Poultry Show" to "stir up" this class of individuals, but A. P. W. does not think so.

In any event, Secretary Merkley proceeded to do this in more ways than one. The daily newspapers of Buffalo sent their reporters to the poultry show, held January 2-8, 1912, and these reporters obtained from Secretary Merkley and his assistants such facts about the exhibition or performance as the management wanted published, with the object of interesting the local public

and causing men and women to pay the admission price to see this "Great International Poultry Exhibition". Following are examples of the items that were furnished and published:

From Buffalo Daily Express (morning paper) January 5th, 1912:

"Each evening the pit game cocks put on the boxing gloves. After their spurs have been covered they are pitted against each other in scientific matches. And to the winners go prizes."

From Buffalo Evening News, January 5th, 1912:

"One of the big hits of the show is the nightly boxing contest by the various game cocks. Padded gloves are put on their spurs and they go as many rounds as their endurance will allow. It is in this way they are judged for prizes."

Here is another superb method for building up a "Great International Show" at Buffalo—or anywhere else! In the State of New York there is a sweeping law against "instigating fights between birds and animals." Furthermore, it is a law that all self-respecting men and women in the Empire State believe should be enforced. For Secretary Merkley and his associates to advertise in the daily press of Buffalo that "pit game cocks" or "various game cocks" were to have padded gloves put on their spurs and then were to "go as many rounds" as their endurance would allow, this degrading and disgusting performance to be rewarded with special prizes, was for the management of this "Great International Show" to advertise itself as wishing to attract the patronage of thugs and criminals.

Following is another quotation from the Buffalo Daily Express, forming part of a column article under a display heading, "Have you seen the Chickens?":

"The three legged Red Rooster, valued at \$500.00, is attracting no little attention at the show. It is a red bird, seemingly normal, except for the extra leg. The pigeon with three wings also attracts its share of notice."

Here, too, is something on which to build up a great International industry—we don't think! The coop containing this "three legged Red Rooster" occupied a prominent position in the show hall and on the coop was a large placard which announced to the visiting public that this worthless specimen was valued at \$500.00. As a matter of fact the average poultryman would have refused to eat this bird, on account of its deformity, and the chances are many to one that the owner, whoever he was, could not have sold it for a two-dollar bill. It simply was a deformed fowl that should have

been put out of its misery in chick-hood. Three and four-legged chicks are not uncommon—and they have no value worth mentioning. But it is fake exhibits and absurd claims such as this one that are certain to cause the general public to look with suspicion and contempt on poultrymen and the entire poultry business.

A. P. W. is informed by a member of the Buffalo Poultry and Pigeon Club and a stockholder in the Buffalo Poultry, Pigeon and Pet Stock Association that a cock fight was held at the show hall, in a separate room, on Monday, January 8th, the closing date of the show. The birds wore muffs to prevent serious injury. An admission fee of twenty-five cents was charged and the same member and stockholder informs us that after paying cash prizes to the winners there was a surplus of \$9.00 that went into the treasury of the International Show. William A. Wolford, connected with the advertising department of the American Poultry Publishing Company was in the show hall that evening and was invited by an officer of the association to attend this cock fight.

The same member and stockholder

is our authority for the statement that on January 17th a cock fight was held at the regular monthly meeting of the Buffalo Poultry and Pigeon Club—of which club Dr. Merkley is president. This fight was between a Silver Back Pit Game and a White Laced Red Cornish fowl. These birds were owned by men who are directors of the International Show. The birds wore muffs and were kept fighting for nearly an hour. The plumage of the Silver Back Pit Game was cut in true pit style and he gave a good account of himself.

At this January 17th meeting of the Buffalo Poultry and Pigeon Club an announcement was made that another cock fight would be held on January 31st. On the 24th of January at the weekly meeting of the club, Dr. Merkley, in his capacity as president, announced that he had heard some comment which caused him to believe that all members were not in favor of cock fighting, even if the birds wore muffs, and the Doctor asked for an expression from the members present. G. M. Soverhill, who acted as superintendent of the International Show, January, 1912, arose and stated in re-

Richardson's Buff Orpingtons

Have made a fine record at Madison Square Garden. They are bred in the Purple. We have furnished male birds that won the blue at Madison Square. We can supply you with birds that can win and birds that can breed winners. Our egg matings are select. We guarantee satisfaction. Address

Edgewood Farm,

M. B. Richardson, Prop.,

Lime Rock, Conn.

—DO IT NOW—

SAY:—Did you know this is a rule in life worth living up to, but whether you adopt it as yours or not. Try it this time by writing for

DUSTON'S WHITE WYANDOTTE

Catalogue, you learn about the real value of this wonderfully practical and fancy breed and who has the best, who has undoubtedly furnished more winners than any other breeder, who has won in the world's hottest competitions more than his share of honors, whose name has been synonymous with the breed in the poultry world for 17 years. He's set the pace! His wius at New York had been unequalled and when competition was the hottest there, when the country had been scoured for birds to win. If you want to know more, as I say, send 15c for elegant new illustrated catalogue and my matings produced winners last year.

NORWALK, OHIO, Feb. 1, 1912

"A. G. DUSTON:

DEAR SIR:—Last year in May I bought a setting of eggs from you paying \$10.00 for them, and I only got four little chicks. I wrote you about them and you said, that you would send me another setting at half price but as the season was so late I wrote you that I did not want them. Well from the four I got my money's worth and then some. at our show just held here I got first cockerel with one scoring 95 and cut 3/4 for an almost perfect comb. He is a dandy and I will send you his picture soon and you can use my name at any time. I am not in this for business but the pleasure I get out of it and I will send for some more eggs of you this spring. GEO. W. FIFNER

P. S. Also got 2nd hen from the pullet, got of you last year, and we had some show, 110 W. Wyandottes in the class and some class."

These testimonials read good to me, don't they to you? You will write me the same kind next year if you buy, for my matings are far superior this season to any I ever had. (I never say "who buys of me" unless voluntary permission is given). My egg prices are \$10.00 a set, two sets \$18.00, three sets \$25.00 and \$50.00 in hundred lots. No reservations. Catalogue 15c, free mating list. ARTHUR G. DUSTON, Box 88, SOUTH FRAMINGHAM, MASS.

BOWN'S COLUMBIAN ROCKS

NO OTHER BREED

NO OTHER VARIETY



I am breeding COLUMBIAN ROCKS exclusively as I believe them THE BEST UTILITY FOWL IN EXISTENCE. They are hardy and have the vigor and vitality that makes them adaptable to all climates. COLUMBIAN ROCKS grow rapidly, mature early and are prolific egg producers both in winter and summer. In shape they are the same as all the Plymouth Rocks, and in color are pure white with a black stripe in each neck feather, greenish black tails and black wing points, making them the most attractive of all varieties. MY BIRDS ARE CHAMPIONS. They won practically all the awards at the 1912 BUFFALO INTERNATIONAL SHOW, 1-2-3 cock, 4 hen, 1-2 cockerel, 1-2-4 pullet, 1 pen.

EGGS \$5.00 PER SETTING

No better matings exist than I am breeding this season. If you want the best I can furnish it in eggs or stock. Send for mating list.

LEW. H. BOWN,

EAST AURORA, N. Y.

ply that he was not in favor of cock fights, as they were being carried on by the club, because he didn't like to think that a pair of muffs was all that stood between him and jail. Several other members in attendance responded along the same line, and we are informed that the cock fight that was to have been held by the club on the night of January 31st was omitted from the program.

Following is the section of the New York State law (Section 182) entitled, "Instigating fights between birds and animals:"

"A person who sets on foot, instigates, promotes or carries on or does any act as assistant, umpire or principal, or is a witness of or in any way aids in or engages in the furtherance of any fight between cocks or other birds, or dogs, bulls, bears or other animals, premeditated by any person owning or having custody of such birds or animals, is guilty of a misdemeanor, punishable by a fine of not less than ten dollars, nor more than one thousand dollars, or by imprisonment of not less than ten days, nor more than one year, or both."

We have stated that prominent Canadian poultrymen, residents of populous and productive Ontario, have taken a keen interest in the idea of an International Show to be held annually in Buffalo, N. Y., and have done their share three years in succession to help make this show a success; but during the progress of the January, 1912 exhibition, these men were so displeased with the methods employed by the local management, that they stated they would not again visit Buffalo or enter their birds for competition unless the management is placed in other hands or is much improved. As mild-mannered and conciliatory an individual as William (Uncle Billy) McNeil, London, Ont., was so greatly disappointed that he publicly proclaimed his dissatisfaction—doing so at the Urban luncheon, in the presence of about seventy-five fellow poultrymen and other guests, also at a banquet given by Buffalonians to visiting poultrymen during poultry show week.

Practically no leading American poultrymen—men of national reputation—were represented at this exhibition. They were conspicuous only by their absence. Fact is, if the Canadian fanciers had remained at home, if the George Urban exhibit of about one hundred and thirty-five choice fowls had not been placed on display and if a local incubator company had not made a large and attractive exhibit, this so-called "Great International Poultry Show" would have been a frost or the first magnitude. Outside of these three features, the show this season was "great" in name only. On the other hand, there is no question but that if the management of this show were in competent hands it would become one of the big annual successes of an entire continent. And that is what it should be.

It doesn't take the big things, however, to show the way the land lies and to disgust poultrymen and the friends of poultry culture who believe that poultry shows should be conducted on broad and sensible lines. Here is an example of what we have in mind. On the back of the entry

blanks of the 1912 "International Show" were printed two advertisements, occupying the amount of space available. One advertisement was of "The Merkley Oxy-Vitalizer", manufactured and for sale by the Merkley Manufacturing Company, Dr. Stanley A. Merkley, President, Buffalo, N. Y. The other advertisement was of "The Dollar Hen Book," for sale by the National Poultry Magazine, of which paper Dr. Merkley is Associate Editor. Perhaps Dr. Merkley paid just as much for this advertising privilege as any one else would have paid. But that is not the point. In all matters of this kind the poultry show management or its officers should keep hands off. Men of the George Urban class, for example, do not like to have this "Great International Show" used by the officers for private advertising purposes.

Heretofore the two poultry papers with which the writer of these lines is connected have been working under instructions from us to make special efforts to help the Buffalo Poultry, Pigeon and Pet Stock Association establish and develop a truly great International Poultry Show. We have felt that this should be done in the interests of the territory naturally tributary to Buffalo as an important American city, also in behalf of a closer relationship between American and Canadian poultrymen—breeders and promoters of domestic fowls who are using the same Standard of Perfection.

But our position now is the same as that taken by the Canadian members and patrons of this so-called International Show. In future, or until there is a change of methods or of management, the two poultry papers here referred to are to treat this annual exhibition exactly as they would any other poultry show of a purely local character. That is what this Buffalo show is, as it is now managed—and it

will be treated as such, no more and no less.

It is much to be regretted that matters in connection with the Buffalo Show have reached the present stage. There is room for a truly Great International Poultry, Pigeon and Pet Stock Exhibition to be conducted annually in some large border city by American and Canadian fanciers, and Buffalo has distinct advantages; but a show of this kind cannot be run on a hinky-dink, cripple-rooster, cock-fighting, personal-privilege basis, and that is where Dr. Merkley has placed the present Buffalo exhibition.

Possibly there can be a change of policy without a change of management, but we do not think so. By this time we have seen and learned enough about Dr. Merkley—about his radical, unsound notions, his impractical methods, his unwarranted personal ambition to have become convinced that with him in charge or at the helm the so-called "Great International Poultry Show" will exist in name only. A solution of the problem rests with the Buffalo Poultry, Pigeon and Pet Stock Association, otherwise their annual show is certain to drop back to the position of a merely local affair.

HUMBACH POULTRY FARM

Humbach Poultry Farm, R. R. No. 17, Hamilton, Ont., of which J. E. Humbach is proprietor, is one of the largest farms in the country devoted to S. C. Buff Leghorns exclusively. Here thousands of good Buff Leghorns are produced annually. A specialty of this farm is Buff Leghorn baby chicks and the capacity of 50,000 is run to the limit throughout the season. Eggs and chicks from show stock as well as utility matings are sold. For a description of the class of stock this enterprising farm produces their catalog should be sent for—it's free for the asking.

Single Comb Brown Leghorns—They Win Again

A few choice birds left. Cockerels \$2 to \$5. Pullets \$2 to \$5. Pens \$8. Trios \$5. Eggs \$3 for 15. Write for catalogue. LAUREL LEGHORN YARDS, F. J. STUCKMEYER, 1401 Prospect Street. INDIANAPOLIS, IND.

SUNNY SIDE FARM S. C. WHITE LEGHORNS

Possess the type, color and fine points that have won for them the creamy prizes in many of our leading shows. Hen hatched and reared, grown on free range, they possess the vigor and vitality that makes them wonderful egg producers.

Choice breeding males, both Cocks and Cockerels for sale.

One of these will put new life into your flock.

Eggs for hatching from Special Matings

Write your wants.

I can satisfy you.

G. L. WHEELER, Prop..

Box W,

PENN YAN, N. Y.

Another Victory for Urban Farms

At the Great International Show, Buffalo, Jan., 1912

At this great show in competition with leading breeders from United States and Canada our entries won as follows:—

White Rocks—1st cock, 1st hen, 1st cockerel, 1st pullet, 1st and 3rd pen. The winning White Rock cock won special for best bird in show, male or female.

Silver Campinas—1 cock, 1, 2 hen, 2, 3 cockerel, 1, 3 pullet and 1 pen.

Mottled Anconas—5th cock, 1, 2, 3 hen, 1st cockerel, 2nd pullet, 4, 5 pen, 1st cockerel won A. P. A. Gold Medal for best cockerel in show, all varieties competing.

Black Langshans—1st cock, 1, 2, 3 hen, 1, 2, 4 cockerel, 1, 3, 5 pullet, 1, 3 pen.

In every one of the above four varieties our entries won **Grand Special for best display.**

We are now booking egg orders from the grandest pens of these birds that exist. Mating list with prices will be sent on application to

URBAN FARMS,

Pine Ridge,

BUFFALO, N. Y.

WM. COOK & SONS, SCOTCH PLAINS, NEW JERSEY

The plan originated by Wm. Cook & Sons, Scotch Plains, N. J., of giving silver cups to the different associations to be competed for by breeders of Cook's Strain Orpingtons has met with such unqualified success during the past show season that Percy Cook, manager of the above farm, has decided to offer next season fifty \$50.00 silver cups to be competed for under the same conditions that applied during the past show season. Owing to the unusually heavy demand for stock and eggs during the past year, several new buildings were added to their already extensive equipment. They feel now that they are in position to handle all orders for stock or eggs for hatching and expect to be able to ship the order on the same day as received. Nevertheless, it would be advisable for those who desire to secure the genuine Cook Strain Orpingtons to place their orders early and give the date that they would like to have the same shipped.

A very interesting catalogue has been prepared for the season of 1912. This contains illustrations of the plant together with quite a hit of interesting reading matter regarding Orpingtons, including a complete history of the origin of all the Orpingtons. This will be mailed to all interested in the variety upon receipt of 10c to cover postage. Address William Cook & Sons, Scotch Plains, N. J., and mention AMERICAN POULTRY WORLD.

"HATCHING FACTS" FREE

Jim Rohan of Racine, Wisconsin, who makes the Belle City complete hatching outfit of both incubator and brooder at a combination price of \$11.50, gives 1, 2 or 3 months home test and prepays the freight east of the Rocky Mountains. His 1912 big portfolio folder giving valuable "Hatching Facts" will be sent free to any reader who writes Jim a postal. Belle City Incubators cost \$7.55 and Brooders \$4.85, so in the combination price besides saving 90 cents you get all freight prepaid too. The

Belle City is 140-egg capacity and has won in several championship hatching contests.

Mrs. M. J. Clifton of Oklahoma won first prize in the 1910 *Successful Farming* contest, hatching 140 chicks from 140 eggs.

Mrs. Laura J. Clark of Illinois was prize winner in the *Missouri Valley Farmer and Nebraska Farm Journal* great contests, 2,000 hatches for 1911. Her winning hatch was 140 chicks from 140 eggs.

George W. Black of Indiana, 1911. *Successful Farming* contest—also hatching two 100 per cent. hatches, won his prize in the 1911 *Successful Farming* contest by equalling Mrs. Clifton's record.

Mrs. F. H. Osman of Ohio won the solid silver, gold lined cup offered in contest by the maker of "Tycos" Thermometers.

The proof of these facts and full details, prices, descriptions, etc., about Belle City machines, illustrated in colors, is all in "Hatching Facts"—sent free if you write Jim Rohan, Box 117, Racine, Wisconsin.

REGAL EGGS PRODUCE WINNERS



REGAL III. A Boston Winner

For years the White Wyandotte eggs I have been sending out have been "making good." Not only have they hatched well but the chicks developed into high-class birds. This has been possible because of the fact that, unlike many breeders who have a few good birds, my yards contain a host of good birds. I have proven this by going to the New York State Fair on four different occasions with a string of from fifty to sixty White Wyandottes and anyone who saw them will tell you I did not take a poor one. My six years' record at this show is thirty out of thirty-six blue ribbons. At these six shows I competed with over forty prominent American breeders.

Furthermore, Regal White Wyandottes being bred in this northern Canadian climate and wintered in curtain front houses are the picture of health and vigor. To be able to hatch and rear January chicks in Canada means vigorous breeding stock. Why should I not be able to send out eggs that "make good"?

The following letters from customers bear out this point:—

Holyoke, Mass., Dec. 5th, 1911.

No doubt you would like to know how the birds, hatched from your eggs, got on at the Holyoke show. We entered three cockerels and three pullets and won 1st and 2nd cockerel, twenty-one competing, and 2nd, 3rd and 4th pullet, twenty-three competing. I remain, Yours truly, John A. Stansfield.

Brewer, Maine, August 8th, 1911.

Received poultry paper with picture of your two-months' old chick. I have one that hatched from your eggs the 20th of May and weighed 2 lbs. 2 oz. at two months, and tonight he will weigh 2 lbs. 14 oz. Watch out or he will beat your own raising. I think he will start something this fall. E. H. Bissell.

Shelby, Ohio, Feb. 2nd, 1912.

I take great pleasure in informing you that at our show Jan. 15-19, 1 I exhibited two pullets and won 1st, score 94½, and tied 2nd, score 94. These pullets were hatched in April from a setting of eggs I paid you \$5.00 for. Wishing you future success as in the past, I remain, Yours truly, M. L. Norris.

Cleveland, Ohio, July 5th, 1911.

Received your eggs and they have hatched very well. I have 21 chicks, 100 per cent of the fertile eggs. Comparing with other eggs in the same hatch I consider the result very satisfactory. E. B. Tenney.

Marlette, Mich., Jan. 2nd, 1912.

From the last shipment of eggs I received from you I have the finest cockerel I have ever seen. He is up to Standard weight and was hatched in June, he has all the qualities of a first class show bird and I think he is the whitest bird I ever saw. As soon as he is fully developed will send you a picture of him. He is from pen 10. I have two pullets that are extra good in shape and color. Wishing you the best of success, I remain, Yours truly, Bruce S. Hager.

DESCRIPTION OF MATINGS

The following list gives a brief idea of my 1912 matings. There is a general improvement in quality right through. Some of my special matings of last season will be regular matings for next season. There is not a single weak mating among my prize pens and I honestly believe that if all who write to me could come to Port Dover and see my pens as mated they would be convinced that Regal quality will keep to the front for years to come.

THE FOLLOWING MALES WILL HEAD MY PENS

- Pen 1. Silver King, first N. Y. State Fair cock, 1910.
- Pen 2. Chanticleer, second N. Y. State Fair cock, 1910.
- Pen 3. Regal VII, first N. Y. State Fair cockerel, 1910.
- Pen 4. Regal VI, third Boston cock, 1910.
- Pen 5. White Prince, first N. Y. State Fair cock, 1910.
- Pen 6. Crusader V, first N. Y. State Fair cockerel, 1911.
- Pen 7. Jack Frost, first N. Y. State Fair as cockerel, 1910.
- Pen 8. Crusader III, winner at N. Y. State Fair as cockerel and Boston, 1910, as cock.
- Pen 9. Champion, first pen cock, N. Y. State Fair, 1911.
- Pen 10. Young Champion, first cockerel, Madison Square Garden, 1910.
- Pen 11. Triumph II, first N. Y. State Fair cock, 1909.
- Pen 12. Victor, second N. Y. State Fair cock, 1909.
- Pen 13. Prince Regal, first Ontario cockerel, 1909.
- Pen 14. King Cotton, first N. Y. State Fair cock, 1911.
- Pen 15. Fighting Bob, third N. Y. State Fair cock, 1911.
- Pen 16. Purity, second pen cockerel, N. Y. State Fair, 1911.
- Pen 17. Regal Duke, third pen cockerel, N. Y. State Fair, 1911.

PRICES OF EGGS FROM ABOVE PENS

Pens 1 to 17 (as they run), \$5 per 15, \$9 per 30, \$12 per 45, \$24 per 100. Pens 5, 6, 7, 8, 9 and 10 are special matings. If eggs are desired from these pens only prices will be \$10 per 15, \$18 per 30, \$25 per 45, \$50 per 100.

Pen 18 is headed by a son of a 210-egg hen mated to Dorcas (record 241 eggs), and her nine daughters. Several of these daughters have records over 200 and pen average was 198.

Pen 19 is headed by Fourth Pen Cockerel New York State Fair 1911, mated to 10 pullets bred from Pen 18 last season. The cockerel is bred from a hen with a high egg record.

Pen 20 is headed by a grand yearling cock selected by Prof. Graham as being an ideal utility type. He is mated to ten large Dorcas pullets.

Prices of eggs from pens 18, 19 and 20, \$5 per 15, \$15 per 50, \$27 per 100. Utility eggs from healthy vigorous surplus stock, \$9 per 100, \$17 per 200 and \$75 per 1,000. Book order early. If you are not ready for the eggs send \$1.00 deposit on \$5. per setting eggs and \$2 deposit on \$10 eggs to hold your place.

SPECIAL—200 first-class stay-white Regal Cockerels at \$5., \$8., and \$10. each. Order direct from this ad. Send 10c in stamps or coin for the Regal White Wyandotte Book—the finest book ever published dealing wholly with the White Wyandottes.

Free—Illustrated catalogue and mating list giving complete description of matings for 1912.

JOHN S. MARTIN.

Box W,

PORT DOVER, CANADA

DAVID A. NICHOLS DEAD

Judge David A. Nichols, died at his home, Shelton, Connecticut, February 4th, and was laid at rest on Wednesday, February the seventh, the funeral being very largely attended by sorrowing friends and neighbors from home and abroad. Among those present from out-of-town were: C. M. Bryant, J. Fred Crangle, Fred Groesbeck, C. H. Wells and W. H. Card, who represented the American Poultry Association. Col. Bryant ordered a beautiful floral "Broken Column" for the A. P. A. as the last tribute to the faithful servant that in life was ever ready to sacrifice his time and money to advance the interests of old Association, of which he was one of most honored and highly respected members.

David A. Nichols died in the prime of life, having been born 56 years ago at Monroe, Conn. He resided in the latter town many years, holding the position of town clerk for 18 years, being endorsed by both parties.

Later he removed to Huntington and shortly after was elected Judge of Probate, and held the position at the time of his death. About six years ago he was made Judge of the Town Court of Huntington. Judge Nichols was married on January 1, 1883, and left a widow and three children to mourn his loss.

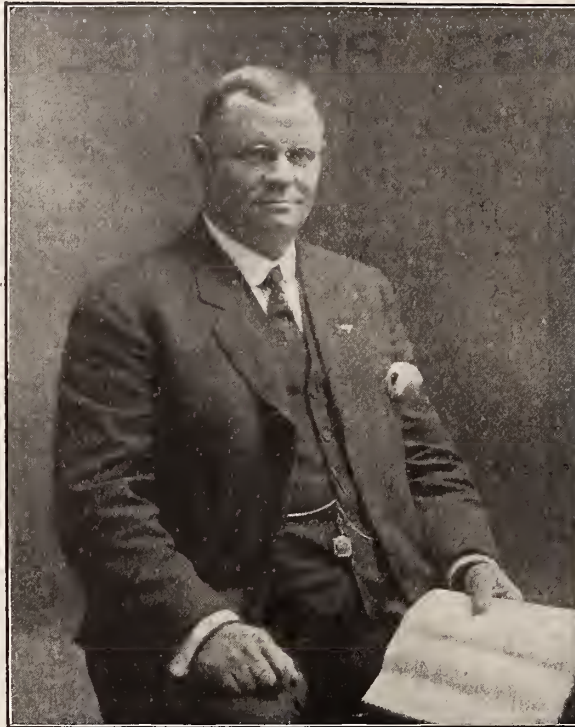
The deceased during his life in Huntington took a great deal of interest in the building up of the town and he was also actively engaged in business enterprises in Derby. He was a stockholder in practically all the big concerns in Shelton, a director in the Birmingham National Bank, the Gas and Electric Companies, Derby Home Trust Co., and the Shelton Savings Bank. In 1896 and 1898 he represented the town of Monroe in the State Legislature. He was one of the most successful business men in his township and we safely state, Dave Nichols was the most popular public official that ever held office in the Nutmeg State.

The business and personal qualifications that made his career a success at home, contributed to his popularity as an official of the A. P. A. and as a judge of poultry. Judge Nichols was elected president of the A. P. A. at New York in 1897, and presided over the Boston meeting in 1898 in such a forceful and dignified manner that

stamped him an earnest, fearless, but considerate presiding officer. He joined the A. P. A. in 1888, was elected on the executive board in 1889, and has represented his state on the board up to the time of his death, also holding the office of treasurer for the past two years.

As a poultry judge, D. A. Nichols was one of the few good all around judges, but it was as a judge of Cochins and other varieties of Bantams that he excelled in.

We remember meeting him for the



THE LATE DAVID A. NICHOLS, SHELTON, CONN.

Treasurer of American Poultry Association, who died Feb. 4, 1912.

first time in 1888, when he was showing birds in partnership with Jim Seeley, shortly after he took up breeding Black Cochins and Black Cochin Bantams, making a specialty of the latter for many years. But it was simply a hobby with him. David A. Nichols never entered the poultry business for commercial reasons. He wanted something to occupy his time after business hours, and also found going to a few large shows like those held in New York, Hagerstown and a several others, afforded him the necessary relaxation he needed from the cares of business and office. As he once remarked to us, "Some fellows go to the races for sport, I go to poultry shows for the same reason and I

get more fun for the money I spend than they get for what they lose."

It is hard to write these lines, as no pen or pencil can express the void that is left, when an old friend and side-partner at many a poultry show is no longer among the living. As good old William Holmes, postmaster of Shelton, and David Nichols closest friend, expressed it, "I am so lonesome, I hardly know what to do."



It is with great regret that we learned of the death of Robert F. Clark, at his home in Milton, Mass., January 24th. We met Mr. Clark at the Boston show, when he had a beautiful exhibit of his famous Partridge Cochins on exhibition, but he was not in usual good health and before the close of the show was stricken with pneumonia, which resulted in his death. Mr. Clark was a highly respected citizen and had held many important positions, one being that of police commissioner of Boston, which he held nearly ten years. He was a thorough fancier, one who took a great personal interest in his fowls, the latter being probably the greatest flock of Partridge Cochins in America, Geo. W. Mitchell, several years ago, selling his entire collection of Partridge Cochins to Robt. F. Clark, while American poultry fanciers lose a most honorable worker. In the field of higher class Standard-bred poultry, the Cochin fowl suffered the loss of its staunchest friend.

We are indebted to William H. Bratt, Secretary, American Sussex Poultry Club, for a copy of the "History of the Sussex Fowl," containing the English and American Standard of Perfection with illustrations of the different varieties. The book, which is neatly printed and well bound in hand book form, will be read with interest by all poultry breeders who are interested in the so-called "market qualities" of certain races of domesticated poultry. Especially interesting to Orpington breeders is the description of the Speckled Sussex, a very old variety bred in Sussex, England, but never thought to possess any striking features that might make it a popular favorite, until the late William Cook introduced the Speckled Sussex as the Diamond Jubilee Orpington at the time of Queen Victoria's Jubilee, so

WOOD'S WHITE WYANDOTTES
USEFUL AND BEAUTIFUL

Best by test in show or nest, under the most varied conditions and climates, having years of thorough and systematic breeding behind them. Fifty strong, vigorous, beautiful and grand show and breeding cockerels. Foundation stock a specialty. Send me for one of the strongest mating lists of the season. Farm raised, trap-nested. Circular. Established 1892. Breeder of DOBERMAN POLICE DOGS, the dog with human intelligence. The natural protector of his master and his master's property.
F. H. WOOD, Station D, CORTLAND, N. Y.

the author of this little book claims. He also prints an illustration of an American-bred Speckled Sussex cock, which won the blue ribbon at Madison Square Garden, New York, December, 1910, entered as a Diamond Jubilee Orpington. All Orpington breeders will admit that the latter variety is "some bird" when it comes to size and massiveness, even if it is masquerading under a false name. The varieties described in the Standard are the Red, Light and Speckled Sussex.

Whether the Sussex fowl will ever become as popular in this country as it is in England as a superior market fowl will depend largely on the methods pursued by its friends in producing and demonstrating the fine qualities of the Sussex to the public.

Major H. A. Rose, formerly bred his Black Orpingtons and Ornamental Bantams in yards located near his home at Welland, Canada, but his poultry business grew so rapidly that he was compelled to seek more room for the breeding and rearing of his chickens. He was fortunate in being able to purchase a very desirable farm near his city and equally fortunate in securing Frank Conway to manage his poultry plant. The wonderful record made by Major Rose with his Black Orpingtons at the New York show in the last two years has convinced Orpington fanciers that he has the goods and knows how to deliver them, as his manager, Mr. Conway, is another Orpington enthusiast and expert breeder of the English breed. We may look forward to a great bunch of Blacks next season and we are also informed that Buff Orpingtons will be added to new poultry farms feathered live stock. Not only will the present number of Ornamental Bantams be kept up to the Standard that has virtually put them in a "class by themselves," but several new varieties will be added this spring so that nearly every popular variety of Ornamental Bantam will be bred on the new farm. Bantam culture must be profitable when properly managed for we learned from Major Rose, that last year his sales of Ornamental Bantams exceeded \$3,000. However, the prices realized for individual specimens was very high in some instances and high prices usually are inseparable from high quality.

Futurity Stakes at poultry shows held in the United States in the years past have been unknown. It remained

for W. Theodore Wittman, manager of the poultry show of the Great Allentown Fair, to institute the First Annual Futurity Stake in connection with the latter, to be decided September 24 to 27, 1912. Mr. Wittman under date of February 4th, writes us as follows:—

"I wish you could 'boost' our Futurity Stake all you can. This futurity idea I got from you. It was fostered by Louis Lee Haggin, and now that it is on earth full-fledged, I want it to be a success. Sent to AMERICAN POULTRY WORLD a notice for March issue, which gives you full particulars, saying that each bird nominated will be sent a sealed leg-band that it must wear on arrival at Allentown and that each coop containing a nomination for the championship will have a special coop card go up, so stating, immediately after the regular judging is completed."

We are glad to help "boost" such a progressive movement, especially with Mr. Wittman at the head of it. When we first broached this subject of futurity stakes or prizes to Mr. Wittman, Louis Lee Haggin was present and immediately declared himself as ready

to back such a movement, as he believed it would encourage the breeding and exhibiting of high-class poultry by men who wish to exhibit birds bred in their own yards. Mr. Haggin's extensive experience in horse and cattle breeding at Elmendorf Farm, Kentucky, where the most noted sires and dames in thoroughbred horses and Shorthorn cattle are bred, proved of material assistance to the progressive Wittman, who lost no time in starting the ball rolling. The announcement appearing on another page outlines the scope of these futurity stakes;

MADISON SQUARE GARDEN WINNERS
S. C. Black Minorcas and White Plymouth Rocks. 200 Elegant birds for sale. EGGS FOR HATCHING. Satisfaction guaranteed. Write your wants. A square deal every time.
HILLSIDE POULTRY FARM,
Niles B. Smith Prop., Box W, CHATHAM, N. Y.

YOUNG'S STRAIN
S. C. WHITE LEGHORNS
QUALITY STOCK

The kind that win—cockerel won first prize at Reading Show, 1911, extra fine and low tail. First, second and third on pullet. Stock of same strain for sale and eggs in season. Write for booklet.

MONROE POULTRY YARDS,
F. U. SANDS, 10 Monroe St., BOYERTOWN, PA.

—REYNOLDS' CHAMPION STRAIN WHITE COCHIN BANTAMS—

The blue ribbon kind. This season at Madison Square Garden, Red Bank, Grand Central Palace and Boston, we won more ribbons than all competitors combined. Select stock for sale. Book your egg orders now.

EDW. G. REYNOLDS, 1181 Grand Street, **BROOKLYN, N. Y.**

Jordan's Columbian Wyandottes

They fill a long felt want. Beauty and utility combined. The fowl you have been looking for. Unapproached as all year around layers. Unbeaten in the show room. **Win at Chicago, 1911, 2 firsts, 3 seconds, 2 thirds, 2 fourths, special for best display.** A few choice breeding birds for sale. Let me start you right. Am now booking egg orders. Let me tell you about the fowl ideal.

DR. H. M. JORDAN, Box W, **HICKSVILLE, OHIO**

World's Foremost White Wyandottes

leading shows in one season than any other breeder. I have made more successful breeders than any breeder of White Wyandottes. I have made all my winnings with my own breeding and also for many others. I have scores of letters from patrons proving the same. (I publish only when getting full consent.) This winter I have sold for more shows than ever before that have been the prominent winners, one in Toronto, Ont., won the best display including \$100.00 challenge cup and another writes me I have won best display in five shows this winter including Pittsburg, Pa., with all Jackson strain, and at Dallas, Tex., won the most of the best prizes and gives me credit for it, being best show in the South and also Indianapolis, Chicago, Minneapolis, many others. These were prominent winners, many winning the best and display prizes.

Over 20 years in perfecting this strain for great show and laying qualities, my matings every year are only the very best and my patrons get the benefit of it and I have made many of my best customers starting with buying eggs. Some grand cockerels of the same breeding as all the winners and will make high-class breeders and show birds another year. All stock returned at my expense if not satisfactory. Eggs from same I hatch. Only \$5.00 per setting. 3 settings \$12.00. Send for new circular.

J. H. JACKSON, L. Box 80, **HUDSON, MASS.**



First Prize Cockerel, Madison Square Garden, Dec. 1911

BIRD'S PARTRIDGE PLYMOUTH ROCKS

Setting the Pace for all America

Winning at Madison Square Garden, December, 1911—1 cock, 1 hen, 1 cockerel, 1 pullet, 3 pen etc.

At the greatest Partridge Rock show in quality and numbers (102 birds) ever held we won as follows: Cocks 1-2; Hens 1-4; Cockerels 1-2-3-5; Pullets 1-2; Pens 3. We also won Association Special for best display. A Club Special for best cock, hen, cockerel, and pullet. The choicest stock always for sale. 100 grand cockerels. Catalogue and mating list ready February 1st, 1912.

GIANT BRONZE TURKEYS The World's Leading Strain

At the above show they again swept the deck winning three times as many first prizes as all competitors. Toms \$7.00 up, hens \$5.00 up, cockerels weigh from 22 to 35. Get our record and prices before buying. Satisfaction guaranteed.

BIRD BROS., Box H, **MYERSDALE, PA.**



First Prize Bronze Tom, Madison Square Garden, Dec. 1911

also giving the rules governing the same. The nomination fees are small in five of the six varieties, selected for the purpose of "trying out" the Futurity Stake, \$2.00 per bird being charged for all entries in the White Wyandotte, White Leghorn, White Plymouth Rock, Rhode Island Red and Game Bantam varieties, while the



In noting the winners at the Grand Central Palace Show, we could not help but admire Onlya Farms' winning White Wyandotte cockerel. This bird was typical of the breed, being a bird of curves, but at the same time possessing sufficient length to indicate stamina and the utility qualities for which the White Wyandotte was once famous. Wyandottes of this type will surely result in their being retained as one of the greatest breeds for the practical poultryman.—Wm. C. Denny.

nomination fee for White Orpingtons is \$5.00 per bird.

Only birds hatched in 1912 will be eligible and nominations close April 1st. Separate stakes for cockerels and pullets in each variety provided, unless the stakes of either should go below \$50.00, when they will be combined.

Winning the Futurity Stake in White Orpingtons at Allentown next September will be worth while going for.

—o—

The following letter was received by us from H. W. Millspaugh, an old and most successful breeder of Silver Wyandottes:

"Your articles in AMERICAN POULTRY WORLD on Wyandottes regarding type and color, have borne fruit, and if we can only keep the agitation up, will show results.

"I received a letter from the secretary of the Silver Wyandotte Club stating that at the annual meeting of the latter, held at the recent Boston show, a motion was made and carried that club judges hereafter be requested to follow the Standard, especially in regard to shape.

"I also received a letter from a western breeder, whose Silver Wyandottes have been consistent winners

of late, in which he writes, 'I do not approve of the long-legged and long necked English type of birds, but if the judges are going to hang all the ribbons on that kind of an ostrich, I would try to get my share. I hold now and always have, that medium centers of our American bred birds are far and away ahead and I intend to breed the type for my main flock, making a few special matings to win on until the craze for Sebright lacing is over.'

"Now I feel satisfied that at least 75 per cent. of the Silver Wyandotte breeders are of the same opinion as the western breeder who sent the above letter, and we shall win out in the end."

We fully agree with Mr. Millspaugh that the type favored by the majority of Silver Wyandotte breeders will prevail in the future, provided judges will not get carried away with the rather attractive looking Sebright color markings at the expense of shape. While on this subject of Silver Wyandotte type and color we call attention to a letter received from George E. Howell, which appears on another page of this issue of AMERICAN POULTRY WORLD. Mr. Howell expresses his opinions in a forceful manner and they are virtually in line with those of Mr. Millspaugh.

—o—

But it is not the Silver Wyandotte alone, that has suffered from this "color above shape craze," the Golden, Buff, Black and White Wyandottes have also been affected, but in a lesser degree. The Partridge and Silver Wyandottes have been bred to the Wyandotte type more consistently, in fact, the most typical Wyandotte in shape we found among these two varieties,

dotte type more consistently, in fact, the most typical Wyandotte in shape we found among these two varieties,

SICILIAN BUTTERCUPS The Great New Breed. Unexcelled as layers, beautiful for exhibition. We have the best. Some fine birds for sale. Order early and get your choice.

BURROWS & PARK, Box W, CHATHAM, N. Y.

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This is the Most Practical Helpful Book on Poultry Raising Published



We sent a copy to every prominent poultryman, requesting each to write us their candid opinion about it. Here is just one. We have dozens more equally as strong: Storrs (Conn.) Agri. Exp. Station

Gentlemen:—I have just examined your new catalogue. This is one of the best things of the kind I have seen. You are to be congratulated upon the high character of this publication. L. A. CLINTON, Director.

It is a book that either the beginner or the experienced poultryman will find of vital interest, because it contains the actual experience of the most successful poultrymen.

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It tells how to make money on the ordinary farm with poultry—how to make money raising ducks—how to select layers—what breeds are best for different purposes—how to feed, breed, rear and hatch profitably and economically—how to overcome disease and a hundred and one other important things. It describes the 1912 Sand Tray.

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which are revelations in artificial incubation machinery. Not built on theories, but on experiences that have proven successful and profitable. You want to read about and investigate this season's Prairie State machines before you buy. Send for this book and get the most valuable poultry raising information that has been published.

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Cedar Hill White Wyandottes

among White Wyandotte breeders, means the same in its line as "Sterling" on silver the

"STANDARD OF VALUE"

One succession of winnings during the season 1911-12, our pens containing 1-5 cock, 4 hen, 2-4 cockerel, 2-5 pullet at Philadelphia show, 2-3 cock, 2 cockerel, 5 pullet at Camden show, 1 and champion cock, also 3-4 cock, 1 cockerel, 3 pullet, 3 pen at Wisconsin show, are now mated and producing eggs that will produce birds fit for any competition. If you are looking for something good at a reasonable price, write for our mating list. Its a pleasure for us to please.

CEDAR HILL POULTRY FARM,

5105 CEDAR ST.,

Fred L. Spielberger, Prop.,

FRANKFORD PENNA.

yet while shape has been adhered to, breeders have not lost sight of the color markings, so we can safely say, that at least in the Silver Penciled and Partridge Wyandottes, the Standard shape and color have been closely followed by breeders and judges. The Columbian Wyandottes are following closely on the heels of the Partridge and Penciled varieties in respect to type, the winners at recent great shows, showing excellent Wyandotte type in most every instance.

—o—

This same disregard of the Standard shape in Wyandottes is practised by English and perhaps more so than in this country, if we examine the imported Wyandottes closely and read the comments of leading English poultry writers on the subject.

In the February number of that excellent English magazine "The Illustrated Poultry Record" appears an article by Wilfred H. G. Ewart, in which attention is called to Wyandotte shape, size and comb as follows:

"In Wyandottes we find far more vigorous demands—more vigorous because less frequently fulfilled. I should say the most perfect of the Wyandottes is the Partridge, the least perfect—I do not include those which are varieties in name—the Black. Partridges are in my view one of the most genuine triumphs of the fancier's art. The present many stumbling blocks, yet these have been overcome and today we see cocks of grand type—rather inclined to thigh, per-

haps—wonderfully sound in breast, hackles and tail and showing more vivid color than any other breed of poultry; hens of true Wyandotte character yet excelling in color, and a



A Single Comb Black Minorca of the "Raven Black" strain. Bred by F. C. Gabriel, South Bend, Ind., specialist in this variety.

wonderful pattern of penciling, which might be thought hardly attainable in a living creature."

That English Partridge Wyandotte hens are exquisitely penciled, we do not doubt, after seeing three imported hens at Calgary, Canada, last July, reference to the same being made in our article on Partridge Rock color which appeared in December A. P. W. 1911.

In color, however, these English Partridge Wyandottes are lighter in shade than those bred in this country; the English males also being considerably lighter in color, hackle and saddle feathers than American bred Partridge Wyandottes. Personally we are of the opinion that a shade of color between the two, i. e., a red somewhat darker than in the English and lighter than in the American males, would prove beneficial to the variety.

Of the English type of White Wyandottes, Mr. Ewart writes:

"In hens we have practically achieved perfection; pullets are good, cocks and cockerels very much. But how often do we see one of the latter with a really Standard comb? This is where our White Wyandotte males fail. Coarse, ugly heads are too often seen, or failing that, we have the small neat comb without the work in it. Then there is the outstanding leader, (worst of all) the double triple leader. Type is more often faulty than color—by type, I refer chiefly to straight backs and flat fronts in hens, length of thigh and lack of depth in cocks."

Fortunately the type of White Wyandotte in this country does not assimilate the same faults as those mentioned by Mr. Ewart, double or triple leaders (points or spikes) being conspicuous by their absence from the combs of American White Wyandottes, neither can the latter be accused of being straight backed and flat fronted. They are likely to fail in the opposite direction by becoming too

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Rose and Single Combs

Reds that have "made good" and are making good with Blue Ribbons for one hundred or more of our customers, this season, in all parts of America.

We Won 108 Prizes out of 125 at Six of America's Largest Shows

DURING 1910 AND 1911, AGAIN DEMONSTRATING THAT

BUSCHMANN-PIERCE Rhode Island Reds

excel all others in beautiful color, type and laying qualities.

100 Mated Pens for 1912 - Eggs Furnished Promptly



"What We Claim For Our R. C. Reds"

Much has been said regarding our "Non-fading Reds," and we are glad to again define clearly our position regarding same. The following is an extract from our 1910 sales list:

"By non-fading we do not mean that every specimen we produce is non-fading, but that a very large percentage of the stock which is produced by us will hold practically the same color after moulting that it had before the moult. Everyone admires the beautiful plumage of the young pullet and cockerel, and it has been our purpose to preserve it. We have specimens here in our yards today at three, four, five and six years of age, which have won the admiration of all who have seen them, by the beautiful, rich color they have retained. Each year we have made it our aim to select only those for breeding purposes that are non-fading, and by so doing we have established a true non-fading strain, and proven that by careful selection and mating wonderful results are obtained."

Orders must be booked ahead for prompt delivery.

Baby Chicks will be furnished at 50 cents, 75 cents, \$1.00 and \$2.00 each.

Orders with a Deposit Must Reach Us 4 Weeks in Advance.

Send for Mating List and Sales List—both FREE.

We still have some elegant stock for sale. Guaranteed winners furnished for all shows.

To assist new beginners—also a guide for old breeders—we have prepared a book called "Origin and History of R. I. Reds". It tells how to select, mate and breed them. Send TEN 2-CENT Stamps and one will be mailed you.

Farms at Carmel, Ind.

Address all mail to Main Office,

The Buschmann-Pierce Red Farms, Inc.,
 4930 N. Meridian Street, INDIANAPOLIS, IND.

short and round in body. In some White Wyandotte males the combs albeit very fine in shape and texture are often two small in comparison with the head and neck; neither does the surface show the "work in it," as

Mr. Ewart remarks of the smooth surface of the small neat comb. The oval surface of the male Wyandotte combs should be dotted with small points, corrugated and smooth combs being defective according to Standard description. The male Wyandotte comb illustrated in Figure 1, page 444 of this issue of A. P. W., is a model of neatness, shape, with a surface well dotted with fine points.

—o—

In England, Black Wyandottes are almost as popular as the Whites, in fact, they outnumber the latter in some sections of the "tight little Island" as they are more easily kept, especially in the mining sections, where white fowl are apt to become soiled in the plumage. But the English Black Wyandotte is a most attractive fowl, owing to the fact that the black plumage is accompanied by yellow legs in both males and females. We recently inspected a fine lot of Black Wyandottes that were imported from England, the females being of

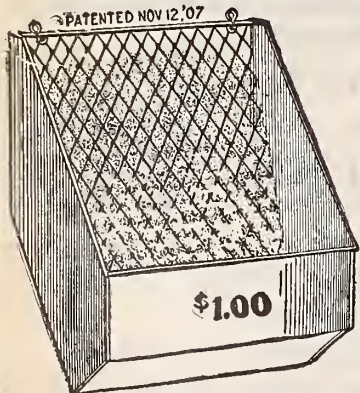
fairly good type, good color and splendid yellow legs. One of the males was a beautiful bird in color, the surface being greenish black, the undercolor slate; comb and head were about as good as we ever saw on a Black Wyandotte, shape also was close to the American ideal, while the shanks and feet were yellow, shading to willow on the front of the former. This leads us to ask why American breeders of Black Wyandottes are as a rule prejudiced against the yellow legs when the latter belong to the Wyandotte breed and greatly enhance the appearance of the bird having such. We believe it possible to breed Black Wyandottes with yellow legs and still retain good undercolor, although in some males a tendency to white in the neck and tail will crop out frequently. With less arbitrary color disqualification, or none at all, affecting Black Wyandottes, we would soon see thousands of the latter bred with yellow legs, where we only see hundreds bred now that have legs running from black to dusky yellow. We are more than ever impressed with the value of Black Wyandottes as an all around fowl, since reading the 1902 Black Wyandotte Club Year Book, kindly sent to us by Mr. Kingsley Willett, Hon. Secretary of "The Black Wyandotte Club", England. This book is full of practical information that cannot but help boost the breed in England. In a recent letter received from Secretary Willett, the latter writes:



Second Black Orpington cockerel at Chicago, December, 1911, head-one of the breeding pens of A. L. Stoodt, Mansfield, Ohio.

Don't Throw Money Away!!

You Do Just That When You Allow Fowls to Scatter and Waste Their Food by Day and Allow Rats to Carry Off the Grain in Large Quantities at Night.



Hopper Ready For Use. Holds One-half Bushel. Made of GALVANIZED IRON with Swinging Grid (Mesh).

sizes, or send postal card request for FREE Special Booklet, which fully describes all sizes and gives many personal endorsements of well-known poultrymen who are using from one-fourth dozen to three or four hundred of these Hoppers.

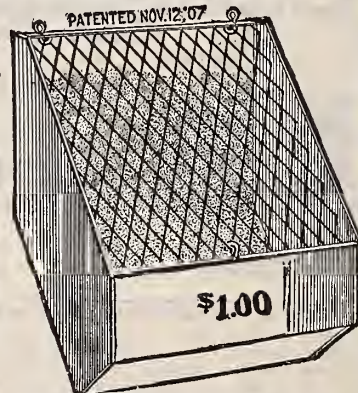
THE BOSTON FOOD HOPPER hooks against the wall or can be placed on the floor or ground. The Swinging Grid or metal guard prevents the fowls from wasting the food. The Hopper can readily be "locked" at night (or in the daytime) by simply hooking the grid to the front section at the lower end, thus making the device rat-proof.

Buy a sample Boston Hopper from the dealer of whom you get your poultry supplies or order one from our nearest place of business—see address below. Price of half-bushel size, \$1.00. Will last a lifetime. Write today for FREE booklet. Tell about Dry-Feeding Method. Contains many valuable suggestions. Personal Satisfaction or your money back.

The Boston Hopper — The Rat-Proof Hopper

THIS HOPPER is the ingenious, money-saving, Automatic food receptacle that has made the Dry Feeding Method a country-wide success. This line of Hoppers was placed on the market in the fall of 1907 and has met with a phenomenal sale throughout the United States and Canada. It is Waste-Proof in daytime and Rat-Proof at night. The saving in feed will pay for the Hopper in one to four weeks' time, depending on the number of fowls that use it.

BOSTON FOOD HOPPERS are made in four sizes—two sizes for adult fowls and two for chicks. Illustrations herewith show popular size for adult fowls. Refer to our latest edition, complete catalogue for pictures of the other



This Hopper is Locked For the Night, by Hook in Lower End, Making It ABSOLUTELY Rat-Proof.

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"How are Black Wyandottes doing in America? I am glad to say they are making good headway here and are proving themselves exceptionally good utility fowls. I receive a large number of letters saying that no other variety lays so well under many and varying conditions":

As to how Black Wyandottes are doing in America, we believe the veteran breeder, Frank Sites of Ohio, can best answer that question, as he has bred them many years.

LACK OF SHAPE IN SILVER WYANDOTTES

Editor American Poultry World:

I think the Silver Wyandotte breeders are under great obligations to Judge Drevenstedt for his timely and matter of fact criticism in the February issue of the AMERICAN POULTRY WORLD.

The Silvers have been bred for thirty years and what is the result, not one specimen in fifty has typical Wyandotte shape, not more than one pullet in five hundred is free from both moss grown centers and frosted edges to the feathers, and not more than one hen in one thousand moults clean.

The few admirers of Silvers are a most loyal set in the face of such small improvement. I never met but one lot in which enthusiasm for the future and good fellowship did not exist, this was at the last New York Show, peace and good will towards your fellow man was an unknown quantity to that acidified bunch, perhaps the harmonizing influence of Dr. Beckett was lacking.

True Wyandotte shape is a farce in Silver Wyandotte breeding. I passed along the aisle containing the cages of White Wyandottes at the Garden, and revelled in the fine shape of a majority of the specimens on exhibition, dozens of fine birds that did not win a ribbon. I was so impressed with the fine shape of these birds, that on my way home in making notes of the show for a local paper, I felt impelled to add: "In every contest there must be looser as well as winners." Awards must be made for shape and color and the Silvers have suffered greatly for that, a good colored bird can win when off in shape.

The greatest asset of the Wyandotte is its beautiful shape, the full rounded profile, an open centered bird with long legs and narrow body, is as faulty as the one with a well rounded contour coupled with a smutty coat of feathers or a stub comb.

The greatest good that the Silver breeders can do their favorites is to breed only from blocky males, having wide open centered feathers in breast, solid from the throat to the thigh, no frosted edges, no shading to grey at

thighs and no crescent shaped edging. To these males mate the best you have in blocky females with as little moss as possible. In culling, my policy is to use the axe without mercy. I commence on the faulty combs and white ears, then the long bodies fall victims, as the moulting season advances the mossy backs get attention. To the handful that is left, I add the best of the pullets, not all perfect by any means, shape and a good comb stand high in the list of favorites, and much satisfaction is derived from solid black and white feathers. Some may be crescent shaped and there

may be some splashes of white on back just below the hackle, but I know the correct coloring matter is there and I trust to my perfect breasted males to distribute it correctly in the next generation.

GEO. E. HOWELL.

Every person interested in White Wyandottes should send to J. C. Fishel & Son, Box W, Hope, Ind., for a copy of their handsome catalogue. It describes Fishel & Sons' plant, stock and tells of their business policy and gives prices on eggs and stock. In writing, please mention A. P. W.

DUCKS

We breed eighteen standard varieties of Water Fowl. We also breed Hondans, R. I. Reds, Barred Rocks, Anconas, S. C. White and R. C. Brown Leghorns, R. C. Black Minorcas, Black Orpingtons, White Plymouth Rocks, and in Bantams, Silkies, R. C. Black, Buff Cochins, Par Cochins and Black Tailed Japanese. We have won over 700 prizes on Water Fowl and Poultry the past season, at the World's largest shows. Our famous White China Geese are Champions of the World. Write us your wants.

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GEESE

Hillcrest Poultry Farm, Edith L. Masten & W. P. Masten, Pleasant Valley, Dutchess Co., N. Y.

OUR S. C. W. LEGHORNS

were very much in evidence as their winnings will speak for themselves. At Cleveland in the largest and best class of Leghorns ever exhibited there, I won 4th cockerel and 5th hen. At Akron, 1st and 4th cock, 1st and 3rd hen, 1st and 4th cockerels, 1st and 2nd pullet and 2nd pen. Silver Cup for best display and Silver Cup for best cockerel in Mediterranean Class. We will have 6 pens mated for egg production. Send for catalogue.

OAK POULTRY YARDS, Paul C. Bork, Prop., AKRON, OHIO

S. C. White Orpingtons R. C. Rhode Island Reds

Original stock from best breeders in the country and our breeding pens contain Cleveland winners and sons and daughters and full brother of 1st prize Madison Square winners this year and past years. Stock, Eggs and Day-Old Chicks for sale. Moderate prices and pleased customers our slogan. Write us.

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WHITE WYANDOTTES

Quality Counts. If you want the best come to me. I have mated eight prize winning pens for the Egg Trade. These are good enough for me and will produce the kind that win. Let me book your order, you cannot afford to buy inferior stock. Look up my show record.

SEVERAL CHOICE COCKERELS FOR SALE.

M. A. JOYCE, 63 18th Avenue, COLUMBUS, OHIO

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WHITE CRESTED BLACK POLISH



The most beautiful and profitable variety. Prize winners at Boston, Buffalo and Philadelphia. At the Great Madison Square Garden Show, December, 1911, winning 1st prize on breeding pen and gold special for finest display. Grand matings for 1912. Send for beautifully illustrated circular.

Wesley Baldwin, Walton, N. Y.

Hillhurst Columbian Wyandottes

Winners at New York, Boston and the Great International, Buffalo. Our show record is proof of our quality. Our yards are open for inspection—come and be convinced. Some high-class pullets for sale—clean, white bodies with matchless hackles and laced tail coverts. **BBY CHICKS.** We are now booking Baby Chick orders from matchless matings. Our Baby Chicks will develop into winners. **HATCHING EGGS,** can also supply eggs for hatching from the best matings in the country. Write for catalogue describing matings and giving list of winnings for last three years. It's Free.

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COMMENTS ON A. P. W. ADVERTISERS AT OHIO STATE SHOW, COLUMBUS

By Joe Coleman

AMERICAN POULTRY WORLD advertisers were leading winners at the recent Ohio State Show held at Columbus. The State meet of the Buff Rock Club was held in connection and this brought out a large entry of Buff Rocks. Karl Michener, Box W, Orrville, Ohio, won the state cup, also 2, 4 cock; 1, 5 cockerel; 3, 4 hen; 1, 5 pullet and 1 pen, besides numerous specials. Mr. Michener is a painstaking fancier and having been a consistent breeder of Buff Rocks for many years, has his blood lines down to such a point that he knows just what certain individual specimens will produce.

Ira C. Keller, Box 50, Prospect, Ohio, showed a grand string of Silver and Golden Wyandottes and as usual made nearly a clean up. The competition in Silvers was heavy and Mr. Keller won 4, 5 cock; 1, 2 cockerel; 1, 2 hen; 1, 3 pullet and 2 pen. He made a clean sweep in Golden Wyandottes. A large number of White Wyandottes were cooped and the leading winners in the class were the Hartman Stock Farm Poultry Yards, Box P. W, Columbus, Ohio, and M. A. Joyce, 63 18th Ave., Columbus, Ohio. Mr. Joyce won 1, 3 cock; 3, 5 cockerel; 3 pullet and 2, 3 pen. Mr. Jacobs, manager of the Hartman Stock Farm Poultry Yards, showed a big string that were conditioned to near perfection. E. T. knows how. Their winnings in White Wyandottes were 5 cock; 2, 4 cockerel; 1 hen; 2 pullet and 1 pen. In Buff Wyandottes this concern made a clean sweep, also won five prizes in Partridge Wyandotte class. Sheffield Farm, Glendale, Ohio, showed their famous string of New York and Boston winners. Their winnings on Partridge Wyandottes were 1, 2, 5 cock; 1, 2, 3 cockerel; 1, 3, 4, 5 pullet and 1, 3 pen. Columbian Wyandottes were a small but extremely good class. M. B. Shaw, Box 132 Cardington, Ohio, had the best of it and won 1 cock, 3 cockerel, 1 hen, 1 pullet and 2 pen. His winning pullet was a gem with a grand wing and hackle and sound back.

The Rose and Single Comb Reds were a feature heavy in numbers and strong in quality. L. L. Noll came down from Marion, Ohio, and on four entries won 1 cockerel, 1 hen and 1 pen. His first prize cockerel was a screamer. White Bros, Box C, Sunbury, Ohio, were nicely in the winnings and their birds merited much favorable comment. Every one seemed pleased with the Single Comb Reds. Peaceful Valley Poultry Farm, R. 1, Box 50, Linworth, Ohio, showed three birds and won 1, 4 cockerel and 2 cock. Mr. Butler, the owner, has been breeding Reds for six years and his male line is especially strong.

The competition was fierce in Or-

pingtons. Triangle Orpington Yards, D. W. Goodell, proprietor, Fredericktown, Ohio, showed just a few Whites and won 1, 3 hen and 1 pen. Aldrich Poultry Farm did not show in competition but had a grand lot of their White Orpingtons on display. C. N. Darst, Jacksonville, Ohio, won on his type Buff Orpingtons 1 cock, 1 cockerel, 3 hen, 4 pullet and 2 pen. His birds were excellent in shape and color. Earl Brown, Columbus, Ohio, has one of the finest surfaced colored Buff Orpington cockerels that can be found anywhere and won second. He also won other prizes in this class. Dr. W. H. Woodworth made a fine showing of Black Orpingtons and was well up in the winnings.

The S. C. White Leghorns were a big class and the Hartman Stock Farm Poultry Yards made a good winning including first pen.

MOORE BROS. WHITE LEGHORNS

Among the successful breeders of the immensely popular Single Comb White Leghorns, Moore Brothers of Moscow, N. Y., are among the top notchers. On

the front cover of their "1912 Mating List" they print the slogan "You can win with our strain." White Leghorn breeders who have seen their stock will agree with them that they breed winners. The records at the shows held in the past season prove that.

At the Grand Central Palace Show, New York City (December, 1911), Moore Brothers won the coveted honors of first cockerel and first pullet in one of the largest and strongest classes of Single Comb White Leghorns ever exhibited. They also won 2nd hen, 5th pullet, 5th pen and 7th cock, specials for best Single Comb White Leghorn male, best shaped Single Comb White Leghorn male, best cockerel in Mediterranean class and best Single Comb White Leghorn pullet. The winning cockerel was the star of the Leghorn alley. At the great International Show, Buffalo, N. Y. (January, 1912), on ten birds entered they won first, fourth and fifth cockerel, first and second pullet, first and fourth hen, second pen, fifth cock. Also special for best male in the Single Comb White Leghorn Class and special for best female in the class, besides numerous other specials. No White Leghorn breeder should fail to send for this excellent and business-like mating list to Moore Brothers, Moscow, N. Y.

FOR OVER TWENTY YEARS

We have been breeding Prize Birds, the winning kind. Also heavy laying early maturity, standard-bred utility birds. Our record the past show season:—

At Madison Square Garden, Dec. 1911—24 prize birds in 10 classes.

At the Empire Show, Grand Central Palace—25 prize birds in 18 classes.

At the Pittsburgh Exposition show, Pittsburgh, Jan. 1912—47 prize birds in 28 classes.

Our winnings the past ten years would make a book of itself. Our records at New York, Boston, Chicago, St. Louis, Philadelphia, Syracuse, Hagerstown, Berlin, Brockton, etc. shows proves our breeding lines are about right. We have **30 popular varieties** described in our bulletin which is sent free on request. Poultry raising is our business, we have started many of the successful breeders of the day, for you can win and make money with our strain. Eggs from prize matings \$10 and \$5 per setting. Eggs from utility matings \$2 and \$3 per setting, \$8 per 100. Little Chicks utility matings \$15 per hundred.

Elm Poultry Yards, Established 1888, Hartford, Conn.

Payne Bros. Rose Comb Reds

At the Big Boston show in competition with Chicago and Madison Square Garden winners made the following great win—first pen, 6th pen, 5th cock, 2-6 hen, 4-6 pullet and 1st cockerel. He winning special for best colored Rose Comb male. We have won first pen eighteen consecutive times not having lost a first in four years. We have bred and furnished Blue Ribbon winners for all the leading shows of the nation, including Madison Square Garden and Buffalo International. Our winners will be in our breeding pens and we will sell eggs from them without reserve. Fine breeding and show birds always for sale.

PAYNE BROS.,

Send for Catalogue

PORTLAND, CONN.

WERE I TO START IN THE POULTRY BUSINESS

By Fred C. Gabriel

(Continued from page 440)

own good judgment in selecting a breed and then purchase from a breeder who has the future of the fowl at heart, and don't breed toys for you to play with, but tools with which you can chisel out a fortune.

THE OPPORTUNITIES OFFERED

If you in your dreams have had a great future painted on the canvas of tomorrow, remember that nothing worth while grew in a minute, but started from a small and humble beginning. One of the great blessings of the poultry business is that it offers the opportunity of success to all alike, the rich or the poor. I personally know of one of the leading judges of the country who was an orphan, began without a dollar and now has one of the finest equipped poultry plants in the United States, all earned and paid for by the hen. The boy with limited means can succeed if he is a careful, painstaking student; two dollars and a half will build him a coop and park large enough for ten hens, a piano box laid on its back will have a floor space of thirty feet. With a window in what was the bottom and a roost and nest, you have a little hen house that is plenty good enough to begin with. Make it tight and warm and dry and you will be surprised what a convenient little coop you have.

I believe that the person with limited means who desires to start right will find it slightly more economical to purchase eggs for setting, but I wish to emphasize the fact that the greatest care must be taken of the hen that is intrusted with them or you may loose all. I am aware that there are many who think it better to purchase baby chicks, and they may be correct, but I prefer to put the extra money into the best quality of eggs, and bank upon my ability to properly and successfully bring off a good hatch.

The greatest care should be taken to prevent lice; dust the hen thoroughly, at least twice while setting, and watch the chickens very carefully. Be quick to note any one that seems to be dull; train your eye so that you become apt. Just as it requires practice to add a column of figures quickly and correctly, so does it require skill to tend any chickens and do it quickly and thoroughly. It requires years of study to become a lawyer or doctor. Can you become a poultryman in a day? Of course not. If you suffer loss don't quit, but profit by the lesson and let it never occur again.

birds entered and in place. The number of birds was materially decreased on account of the severe cold wave which preceeded the show and put many fine birds out of condition.

President Robt. Wardman, Sec. W. A. Roycroft and Supt. O. L. Johnson were on hand early and late looking after the interests of the exhibitors and answering enquiries. To their untiring efforts together with that of the other members was due a most successful show, financially and otherwise. The premiums were all paid before the show closed and all expenses met with a small balance in the treasury.

At a meeting of the Association on Monday evening, January 29th, it was unanimously voted to buy the coops used in the show room this year and to secure fifty of larger size for next year's show. The coops used were the Kieffer wire coops, which added materially to the appearance of the show. The association is now incorporated under the laws of Wisconsin, and is living up with the other shows of the state for larger aid from the state. Many of the birds exhibited had previously been exhibited in St. Paul and Minneapolis and other shows and went from here to Duluth show. Awards—Gorgenson Cup, highest scoring pen, to H. H. Potter, on Cornish Fowl. Temco Cup, best display English class, to Mrs. H. E. Abell, on White Orpingtons. Butchers' Association Cup, best display American class, to Wilson & Pearson, on Partridge Wyandottes. Commercial Club Cup, largest display, to Wilson & Pearson. City Official Cup, best display Mediterranean class, to Gust Beck, on S. C. White Leghorns.

SUPERIOR, WIS., POULTRY ASSOCIATION SHOW

The second annual show of this Association opened to the public on Monday afternoon, January 22nd at 5 P. M., with nearly four hundred

WM. COOK & SONS

ORIGINATORS OF ALL THE ORPINGTONS

ESTABLISHED 1873

PLANTS IN AMERICA AND ENGLAND

Box W, SCOTCH PLAINS, NEW JERSEY



It is natural that we should be recognized **Headquarters** for the **Best Orpingtons**, all varieties, being their **Originators**. This is why we are able to mate our birds to produce better stock than other breeders, when purchasing eggs from us you get the benefit of this knowledge.

We have won over **Thirteen Thousand First Prizes**, and a visit to our plant where you are cordially invited (trains met) will be still more convincing, that the **Best Orpingtons** in the world are owned by their **Originators**.

Several thousand stock birds always for sale. **Imported or Home-Bred. We Guarantee** safe delivery and **Satisfaction** backed by a reputation of 39 years standing. We have given satisfaction to two generations, we can to you. This should mean much to you. **Send 10c. for illustrated catalogue** with history of the **Origination** of all the Orpingtons and hints on poultry keeping. **Mating List** now ready.

EGGS FROM OUR WINNERS

and the **finest Orpingtons** in the world \$20.00 a setting, three settings for \$50.00. These would give you a fine start in the poultry business. We can supply eggs from unrelated pens so that you can mate the progeny. **Why Pay More?** Eggs from fine stock at \$10.00 a setting. Liberal guarantee with all egg orders. We believe three quarters of the first prize winners of this country are hatched from our best eggs or sold by us.

It adds **Prestige** to your stock and **Money** to your **Bank Account** if you can advertise "**Cook Strain**" Orpingtons. People will then realize you have the best and you will be eligible to compete for our **Fifty \$50.00 Cups** which we expect to give to "**Cook Strain**" advertisers during the coming season. We give these Cups to show that we take an interest in our customers after we get their orders.

Eventually if after the **Best Orpingtons**, any variety, you will send to the **Originators**. **Why Not Now?** and avoid loss and disappointment. Advice free. We did not exhibit for competition during the past season.

THE EVOLUTION OF THE INCUBATOR

THE MAMMOTH HATCHER. EARLY HISTORY AND DEVELOPMENT. ITS MANY ADVANTAGES. HOW OPERATED

BY GEO. W. TRACEY

"There is nothing new under the Sun". This is true, even in the case of The Hall Mammoth Incubator. Mr. W. P. Hall, when he constructed the first Mammoth Incubator made in America, (a machine that held 5,700 eggs), was under the impression that he was the first human being to devise and construct an incubator that could successfully hatch chicks by the thousands. But we are told that it is recorded that thousands of years before the Christian Era, the ancient Egyptians understood the value of artificial incubation, and to meet the requirements of their times constructed incubators that enabled them to hatch chicks by the thousands and tens of thousands. It is even said that they used to sell the chicks directly after they were hatched, and many of them did what is called at the present day "Custom Hatching". That is, their neighbors were in the habit of fetching their eggs to be incubated, paying a small sum for the work.

It is true that this ancient mammoth incubator was constructed partly from old Mother Earth, and was apparently so simply constructed as to cause wonderment over its successful hatches. Its simplicity was the real secret of its success. And here we will state, that the secret of the success of the Hall Mammoth, as with the old mammoth, built centuries and centuries ago, is its simplicity of construction. This simplicity of construction was, in a measure, the cause, or reason, why the wonderful merits of the Hall Mammoth was not at first so universally accepted as they are at the present day.

An intimate friend of Mr. Hall, upon being shown the result of a hatch from Mr. Hall's first Mammoth Incubator, asked the question, "How is it, Mr. Hall, that that long box, heated by water which is forced through pipes by the use of an ordinary stove, hatches so many fine, strong chicks? What is the underlying principle of the thing?" Mr. Hall, uncommunicative, simply answered, "Don't ask me to explain it. There's the machine, and" pointing to the chickens, "there's the results obtained from it."

Mr. Hall labored long years in perfecting the hatching machine which bears his name. He studied the workings of Nature and Nature's own laws, in their physical workings, are the true sources of the success of the Hall Mammoth. It appealed to others as it appealed to me. When, after Mr. Hall had perfected a machine that would hatch chicks as perfect as the perfect mother hen, and when he clearly demonstrated this to numerous skeptics, the wonder to them was that an incubator, apparently so simply constructed, could possess such perfect hatching powers. But the day of doubt is passed.

Yes, my dear reader, in my peregrinations I have visited many poultry plants, both large and small. On many of the largest I saw that the

Hall Mammoth is in successful operation. Many of these farms are in the "Day Old Chick" business, and each and every one of the latter were profuse in their praise of the Hall. They one and all claimed it was a perfect hatcher and superior to the mother hen. The mother hen leaves her nest occasionally and never goes back, but the Hall is always on the job. And, as positive proof that the Hall hatches chicks that will live and grow after being shipped any distance, I was shown numerous testimonials.

In the Fall of 1909 I visited the Pittsfield Poultry Farm, Pittsfield, Maine. This is the greatest exhibition and utility Barred Plymouth Rock Farm in the country. At that time they had two Hall Mammoth Incubators in operation, but since then, I understand, they have added to their capacity.

The incubators were objects of interest to me as I never saw one before although often hearing of them. Mr. Briggs, of the Company, who was showing me over the farm, was very enthusiastic over the Mammoth machine, and when we repaired to the

CHAMPION BLACK ORPINGTONS

HAVE FOUR FINE MATINGS FOR 1912

First Pen is headed by second Chicago cockerel, December, 1911. Second Pen is headed by first Mansfield cockerel, December, 1911. Third Pen is headed by third Mansfield cockerel, December, 1911. Fourth Pen is headed by sire of first and third Mansfield cockerels. Egg orders booked now. Write

ALBERT L. STOODT,

MANSFIELD, OHIO

LAYING BRED BARRED ROCKS

I am now booking orders for eggs from Blue Ribbon Winners that not only "Win" but are "Top Notchers" at the nest. Settings 15 eggs \$2, \$3 and \$5. Satisfaction Guaranteed.

E. C. HEWITT,

GRANVILLE, N. Y.

Peifer's "Crystal" White Orpingtons Of Quality

KELLERSTRASS STRAIN

Make a sweep at the late Scranton, Pa., Quality Show, A. P. A. Meet, January, 1912. Winning 1, 2 cock, 1 2, 3 hen, 1, 3, 4 pullet, 1, 2 pen. Five specials. *Special for best hen in the show.* In competition with the best birds ever exhibited there. At last Williamsport, Pa., Show placed 19 out of 20 birds entered. Special for whitest pullet in show. At 8 exhibits I have won 19 firsts, 17 seconds, 10 thirds, 9 fourths, 6 fifths, 2 sixths and 25 specials. Stock and eggs for sale, also a few choice Barred Rock cockerels, 1 Atham Strain, at \$5.00 each - Bargains.

JOHN C. PEIFER,

Box W,

DANVILLE, PA.

Oculum Cures and Prevents Disease Among Fowls

Evidence From Madison Square Garden Show

Madison Square Garden Show amazed. Oculum cures sick prize winners at this great National Show in time to carry off the "Blue Ribbons."

Write any of the Fanciers or Poultry Journals present about the "wonderful cures" made by Oculum.

Oculum cures the worst forms of Roup, Cholera, White Diarrhea, Canker, Chicken Pox and Gapes. Testimonials by the hundred are pouring in on us. Get a bottle now and save your chickens this spring.

As a tonic and conditioner, Oculum has a world-wide reputation—so says Miss Cary, the great English fancier. Read her letter—then others.

I cured a case of infectious Canker in a \$200 cockerel, followed by the worst case of Chicken Pox I ever saw, with Oculum. I inoculated all of my chicks last year and have seen no evidence of White Diarrhea, and have never had them to grow so rapidly.—OSCAR E. MILLES, Columbus, Ohio.

Oculum cured a bunch of chicks that were bad with White Diarrhea. Others of the same bunch that were not treated with Oculum took it and died.—LEROY RICE, Massillon, Ohio.

I consider OCULUM one of the best conditioners and revivers of tired showbirds I have ever come across. I brought my celebrated team of White Orpingtons and White Taverolles all the way from England—three thousand miles—right from a run of the big English shows which started August 14, and on landing inoculated them with OCULUM right off with results. I scored first on (Taverolle) hen, first on cock, first on pen; and in White Orpington, first on cock, third on cockerel and fourth on pen. I think nothing can prove the benefit that results from prompt use of OCULUM better than these results.—MISS S. CARY, Toynton Rectory, Spillsby, England.

Last August I saw Oculum cure a chicken suffering in the last stages of Cholera. I never before had an actual cure Cholera in its worst stages.—H. G. HUMPHREYS, President Chattanooga Poultry Association, Chattanooga, Tenn.

OCULUM is a cure so UNUSUAL among other cures that you certainly ought to look into it. MAIL COUPON TODAY—NOW.

Oculum is a positive cure for Chicken Pox, Canker and Scaly Legs.—F. A. TEOK-TONIUS, Racine, Wis.

Oculum is the best remedy for the positive cure of Roup I have ever used.—J. M. VANDERBILT, Manager Poultry Department Richmond County Agricultural Society, Richmond, L. I.

I have had at least forty cures from a dollar bottle of Oculum.—GEORGE V. DOANS, Brockport, N. Y.

Oculum will cure Cholera, Roup, White Diarrhea and Gapes in their worst stages.—CLAYTON I. BALLARD, White Pine, Tenn.

Hancock Inoculum Co., Box Q, Salem, Va. Enclosed \$1.00 (or 50c). Send me one bottle of "Oculum." Money returned if not satisfied.

Name.....

Address.....

My Dealer's Name is.....

Price per bottle, \$1 and 50c, at your dealer's or by mail. Sample 10c, by mail only. Money back if not satisfactory. HANCOCK INOCULATUM CO., Box Q, SALEM, VIRGINIA

office he showed me testimonials from customers to whom they had sold day old chicks. One showed that they made a shipment of 50 chicks a distance of 2,600 miles and 46 of them lived. I doubt very much if you could ship hen hatched chicks that distance with better if equal results.

I could tell the same story of the other big farms I have visited, but in visiting these farms I wasn't visiting INCUBATORS or studying them. My time was taken up in looking over the bird houses and talking business with the owners or managers.

Recently I visited the factory at Little Falls, New York, where the Hall Mammoth Incubator and Brooder System are manufactured. I was pleasantly greeted by the President of The Hall Mammoth Incubator Company, and, in company with their Mr. White, made an inspection of the entire plant and improved the opportunity to study the Hall Mammoth, and I did it to my heart's satisfaction.

I will not undertake giving a minute description of the Hall and its merits, as well as the different advantages to be derived from using it. All these things are explained and illustrated in their big book "FACT AND ARGUMENT". This book will be interesting and instructive to any person in the poultry business; and I suggest that every reader of this article send for one. I shall, however, endeavor to give in as clear a manner as possible my impressions of the Hall.

Now, Mr. White, who was showing me the Hall Mammoth, unlike Mr. Hall, the founder of the business, answered questions, and what I couldn't see for myself I would ask Mr. White and he would enlighten me. To be concise as possible I will say that the Hall is heated by hot water which is constantly circulating through a system of pipes that run the length of the machine above the egg trays. Above the heater is a tank. Into this is poured water until the pipes are filled and the tank itself is about one-half full. Then oil is poured in to keep the water from evapo-

rating. Then the fire is started in the stove or heater, and when the water is heated so that the temperature is 103 degrees in the machine the regulator gets in its work. In the tank above the heater is a float. This float is attached to an arm to which is attached a throttle and chain. The expansion of the water caused by the heating of same, through the action of the float, shuts off the supply of heat, and the contraction of the water caused by its cooling, turns on the heat. It's a regulator that cannot fail, for it is operated by purely physical causes and cannot get out of order.

The stove consumes coal, and the cost of operation is infinitesimal, equaling coal oil at about one cent per gallon.

The Hall Mammoth Machine is divided into compartments. Each compartment is an individual incubator having its own thermometer and tray adjuster. What I mean by a "tray" is a contrivance that lowers or raises the egg trays. As the chicks grow in the shell there is more natural heat caused by the life in the shell, hence lowering the trays gives the right temperature for each day, as the compartments are heated from overhead. Owing to the adjustable trays the compartments may be started at different intervals. A new hatch can be taken off every day or every two days, or, in other words, a 6,000 egg Hall Mammoth contains forty 150 eggs, capacity incubators all in one, and these forty incubators can be started one after the other or every day and have a hatch come off every day.

The Hall Mammoth in operation

Light Brahmas of Quality

Return at our expense if not as represented.


CLAUDE E. COE, LEXINGTON, OHIO

"Adam" Bone Cutter

The "Only One" with Ball Bearings

Cuts faster and better. Cuts green bone crisp and fine. Easiest running—free from friction—simplest—easiest to clean—knives of best tool steel—every part interchangeable. Cuts the hardest bone, root vegetables, etc. Hens fed with green bone, (cut fine) lay twice as many eggs and have better plumage and health. The Adam will pay for itself in three months.

Send For Free Book



about Adam Bone Cutters, (several models, hand and power) **Perfect Poultry Leg Bands, (27 kinds)** Stock Marks, etc.

Wm. E. Pratt Mfg. Co. Room 127, 35 W. Lake St. CHICAGO, ILL.

PERFECT POULTRY LEG BANDS

Write for Valuable Booklet and Balanced Ration Formulas **Both Free**—if you write us your dealer's name and address

SOMETHING TO CROW ABOUT

"HEN-E-TA"

NO OTHER bone or grit needed now—nor bone cutters—nor beef scraps—nor charcoal—nor oyster shells if you feed "HEN-E-TA."

Makes Hens Lay

"HEN-E-TA"—the phosphorus food gets the most eggs with least trouble. Is about

30% Bone Ash

Odorless—100 lbs. only \$2.25 or 500 lbs. only \$9. We will see that you are supplied if your dealer won't. Write

HEN-E-TA BONE CO.
NEWARK, N.J. DEPT. W FLEMINGTON, W.VA.



White Wyandottes Graves Strain

My birds have won wherever shown. 30 first and seconds, and several special prizes. **Eggs for Hatching.** Orders booked now. Write for circular and prices. 1st pen headed by 1st cockerel at Chicago, 1910, and 1st cock at Baltimore, 1912. First cock bird, Cleveland, 1912. 2nd, 3rd, 4th and 5th pen mated by winners.

A. M. STEWART,

Box 25,

BUTLER, OHIO

"PREMIER"

PARTRIDGE WYANDOTTES

Broke World's Record at Boston

Winning every First Prize, Four Specials, \$100 Champion Challenge Cup for Best Male, \$100 Champion Challenge Cup for Best Female and Silver Medal representing Championship for the Year. At 12 Big Fall and Winter Shows, 1911-12, we won 51 Firsts out of a possible 53, an unequalled record.

BOSTON, 1912—Cock, 1st and shape special; Hens, 1st, 3rd, 4th and color special; Cockerels, 1st and 3rd; Pullets, 1st, 3rd, shape special; Pens, 1st, 2nd, special.

CHICAGO—1st Cock, 4-5 Hen, 4th Cockerel, 1-2-5 Pullet, 1-3 Pen, Silver Cup.

MADISON SQUARE GARDEN—1st Cock, 3rd Hen, 1-2-3 Cockerel, 2-4 Pullet, 1-2 Pen.

COLUMBUS—1-2-5 Cock, 1-3-4-5 Hens, 1-2-3 Cockerels, 1-2-4-5 Pullet, 1-3 Pen. Silver Cup for Best Pen in American Class.

BUFFALO—Grand Sweepstakes Cup for Highest Number of Points of Merit, Silver Cup for Best Cock and Five of His Get, Silver Cup for Pair, also nine ribbons.

Stock For Sale at All Times.

Eggs \$5.00 per 15.

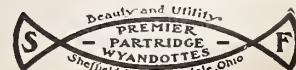
Baby Chicks.

Mating List Now Ready.

40 Page "Partridge Wyandotte Book" FREE.

Sheffield Farm, Glendale, Ohio

H. B. HARK, Manager Poultry Department.



acts upon the principle of the mother hen. The heat of the body of the hen attracts moisture from the ground below, or through the bottom of the nest. The Hall, with its open slatted bottom, secures the necessary moisture from the atmosphere. The heat in the machine above attracts the moisture. This moisture problem is a very intricate one—problem that Mr. Hall seems to have solved as well as that of efficient ventilation. Too much ventilation is the cause of many chicks not being able to get out of the shell on account of the skin becoming so devoid of moisture as to



First prize Buff Wyandotte hen, Madison Square Garden, December 1911. First at Poughkeepsie; first at Hagerstown 1910, and is sister to my challenge cup winner pullet at Madison Square Garden 1909-10; Bred, owned and exhibited by Stuart A. Howland, Granville, N. Y.

cause it to become so dry and tough as to virtually strangle the poor little chick in the shell. The compartments of the Hall Mammoth, constructed as they are upon the principle of the setting hen upon her nest, renders it impossible for a current of air to pass over the eggs, but the proper degree of slow yet constant circulation is assured through the means of the open slatted bottoms. Here, again, is a cause of wonder. "Why is this true or that so?" And the Hall Mammoth, with its perfect circulation and ventilation, can reply:

"Then ask me not nor seek to know, For truth as such is not to thee, Since I am it and it is me".

A literal translation of which would be "In answer to your question as to why I am the only incubator that has perfect ventilation and circulation, and what are the principles of construction that cause this perfection of incubation, I—the Hall Mammoth Incubator—can only say I am what my master made me. He was a student of natural incubation from his youth. Thirty years of his life was spent in investigation and experiment. He was a man of great intellect and natural scientific ability,—a true man of science. He was able to discard what was injurious to the life of the growing embryo and retain the elements that assisted the little chick in its twenty days of life in an oval shell—elements that enabled him to leave his prison walls, assisted only by his own strength, and after his liberation he was endowed with the vigor and vitality that enabled him to start on his life in Chickendom endowed with

a constitution that would make it possible for him to withstand all the trouble and vicissitudes of youth and finally land him, at maturity, a proud "Blue Ribbon Winner" at a World's leading show, such as Boston and Madison Square Garden."

Having explained, in my own way, my impressions of the Hall Mammoth Incubator, I will briefly call attention to the Hall Brooding System. This I did not investigate closely enough to warrant me in describing it in detail. I will only say that as a result of my observations of its workings on such plants as the Pittsfield Poultry Farm, Pittsfield, Maine; the great Oakland Poultry Farms, Trenton Junction, New Jersey, and on the great Rose Comb Rhode Island Red Farm of Kaufmann & Windheim, located at Nutley, New Jersey, I can give it my unqualified endorsement.

On the last mentioned farm espec-

ially—known throughout the world as the foremost breeders and exhibitors of Rose Comb Rhode Island Reds, the farm that in five years' showing at thirty of America's best shows and in competition with all the best breeders of note, have won more firsts than all competitors combined, (even at the last Madison Square Garden Show they won more firsts than all competitors combined)—they raised their Madison Square Garden winners in a Hall Brooder, and Messrs. Kaufmann & Windheim informed me that the Hall Brooder System works like a charm.

Passing from the Incubator and Brooder, I wish to comment on the factory and the system under which the Hall Mammoth Incubators and Brooders are constructed. I will say that I was astonished at the size of the works and the number of skilled workmen employed. It made me realize the importance to which the

Trap-Nested White Wyandottes and Kellerstrass Strain White Orpingtons

Bred from Chicago and Pittsburgh winners, 227 Egg Strain. Won 17 prizes on 18 entries at Attica Poultry Show, January, 1912, and Silver Cup for best display. Eggs from choice matings \$3.00 per 15. Satisfaction guaranteed.

K. J. HEABLER,

Box 204,

ATTICA, OHIO

Single Comb Rhode Island Reds

The finest that years of scientific breeding can produce, my matings are composed of the grandest lot of birds I have ever put together. Send for Free Mating List describing them. Some grand stock left for sale.

GEO. L. BUELL,

LORAIN, OHIO

Silver Wyandottes Exclusively

The Beauty and Utility Breed. The Best Winter Layers. Another Victory.

At the Club Show, Boston, January, 1912, in a class of 145 Silvers, we won the most coveted prize First Display, also cock 3rd; Hen 6, 7; Cockerel 3, 7; Pullet 3, 7; Pens 2, 4 and 11 specials. And this after our birds had to travel about 1200 miles to get there. This with our record at Chicago of 4 out of 5 firsts and the Inter-Ocean Trophy for the best pen of 7 females laying the most eggs during the show, beating our nearest competitor (a pen of S. C. White Leghorns) by 5 eggs in the six days, our Silvers laying 27 eggs.

This with our past records puts our Silvers in the front ranks, both for Exhibition and Utility. We have a fine lot of birds to select from and can please you. Send for catalogue or write your wants. No Eggs or Day-Old Chicks.

A. & E. TARBOX,

Box W,

YORKVILLE, ILL.

Evergold Buff Wyandottes

EGGS

EGGS

EGGS

Eggs for hatching from a proven strain of farm raised Buff Wyandottes, that have made good in every way—Meat, Eggs and Prize Winning. Some of the World's Best Prizes have been awarded to Evergolts.

We are this year in a position to do the Buff Wyandotte trade a great deal of good. Mating list and circular.

GERALD WILLIAMS,

Originator of the Evergolts,

Box 40,

WELLINGTON, OHIO

poultry industry has grown, not only in this country but in Europe as well. The Hall Mammoth Incubator Company has recently shipped several machines to European countries.

But to return to the factory and the building of the machines. The "Hall" is made of seasoned Chestnut throughout. They have a kiln in which every bit of wood used in the system is thoroughly seasoned and dried. There is no chance for shrinkage. The utmost care is taken in the making of every part of the machine. No guesswork, everything is cut and made mathematically correct.

Every machine, or system, is set up before shipping out, and when it is sent out they have an experienced man go with the system and set it up. Once set up it need never be taken down. Hence, the Hall Mammoth Incubator Company say that this policy has made their success. There is something in this, as there are but few people who can follow printed directions in every detail and in the setting up of a Mammoth Incubator by a person knowing nothing whatever about them can hardly make an installation with the same certainty of satisfactory operation as can a man who has set up a great many.

I have written at greater length concerning the Hall Mammoth than I expected to at the start. But, much as I have written, still more and to greater length could be written without in any way exhausting my subject. There is a whole lot more that should be written in connection with such a vital subject. The poultry industry of this country has reached such a stage of development that every contribution of a nature that results in a betterment of existing conditions has an unusual reading value.

The American Hen is all that protects the masses against the avarice of the Beef Trust, but even the output of the poultry industry has been hampered. Labor is becoming an essential that can no longer be overlooked. The working and care of the ordinary incubator and brooder on the large poultry farms was getting to be a great source of uneasiness to the owner. But the advent of the Hall Mammoth System has worked a complete revolution. What was formerly worriment is now only delight.

As above stated, there is much I have left unsaid, but there is a simple remedy in sight for my lapses. All you will have to do to repair my neglect is to send for the great book, "FACT AND ARGUMENT". It contains, among other potent facts, the history and methods of successful poultry plants, with illustrations of buildings, and details of installation, such as are in use upon these successful money-making poultry farms.

This great book also contains many other interesting and valuable features and I would like to see it in the hands of every poultry fancier in America, be he amateur or professional. It will be valuable even to the man who operates a very small incubator or intends to.

This valuable book can be secured by simply writing to The Hall Mammoth Incubator Company, Little Falls, New York. They will send it to you free, provided you tell them you are a reader of AMERICAN POULTRY WORLD.

UTICA, N. Y. SHOW

January 15th to 19th, the Utica Poultry and Pet Stock Association held their sixth annual exhibition in Maennerchor Hall, Utica, and again proved their ability by a display of

birds that in quality might compare favorably with that of the largest shows. Over \$200 cash in special premiums besides many valuable articles donated by Utica's enterprising businessmen were an incentive which brought birds from far and near into competition, in numbers about 1000 which was nearly one-third more than the number shown last year. The lectures given every afternoon and evening by Prof. Hurd of Cornell, were largely attended and added to the interest.

On Wednesday evening the association gave a banquet at the Masonic Club, to entertain the out-of-town exhibitors. At the close of a well served and enjoyable repast, Prof. Rodgers of Cornell addressed the guests in a very instructive and entertaining manner, incidentally complimenting the association on the quality of the exhibition.

The people of this vicinity are greatly interested in poultry keeping which fact was well demonstrated by the large attendance of attentive visitors in the face of a week of inclement weather.

Middletown, N. Y.,
Feb. 5, 1912.
To the Editor of the American Poultry World:
Dear Sir:—I wish to state that my sales in the last few months have been greater than ever before in a like period, and in fact I have sold every bird that I can possibly spare till after my breeding season is over, and am now booking orders for next fall's delivery. The "AMERICAN POULTRY WORLD" I consider a great advertising medium as it has sold about seventy per cent. of my stock this year just past—a truly remarkable record.
Yours very truly,
Theo. S. Hewke,
Breeder of Buff Wyandottes.



HUMPHREY'S S. C. WHITE LEGHORNS
Win at Madison Square Garden, Boston, New York State Fair and Cleveland, Ohio. Eggs for hatching from utility pens mated to such males as 1st cock, Troy, N. Y., and 2nd cock, New York State Fair, \$2 per 15, \$8 per 100. Exhibition matings \$5 per 15. A few cockerels and pullets for sale.
H. E. HUMPHREY, 18 Cottage Street, GREENWICH, N. Y.

COLLINS POULTRY YARD
Chickens Are Here.
White Orpington
Chickens for 50 cents, Owen Strain of Vineyard Haven.
Barred Plymouth Rock Chicks 25 cents.
E. D. & A. M. COLLINS, 79 Clinton Street, BLOOMFIELD, N. J.

EGGS FOR HATCHING
Pleasure to see them grow.
Profit in Eggs.
rizes in Shows. Eggs \$5, \$3, \$2.
Write let us tell you what we made on Pullets a surprise but a happy one.

ANDREWS WHITE WYANDOTTES

Have Made a World's Record at Boston

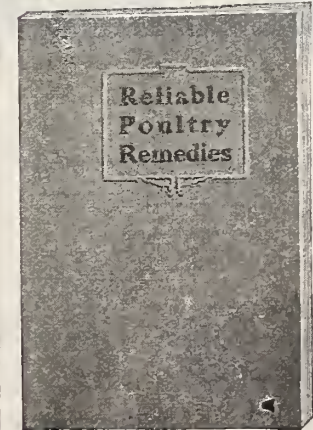


First and Second Cockerels, 1910-1911-1912. First Pen Five Successive Wins. Best Display 1911-1912. Best Shaped Male 1910-1911-1912.

No breeder of White Wyandottes ever equalled above record. The fact they win these prizes year after year shows the strong bred lines of the Andrews' Strain. They have been winners at Boston for fifteen generations, where the best and largest classes of White Wyandottes in the World are shown.

Have mated only 60 of my choicest females to 9 of my very best males. Will sell a limited number of eggs from these choice small matings, giving you my 20 years of experience in mating and breeding, at \$10.00 per 15, \$18.00 per 30, \$25.00 per 45. Send for handsome circular and mating list.

J. W. ANDREWS, Box W, DIGHTON, MASS.



RELIABLE POULTRY REMEDIES

How to Prevent and ure Disease

A Poultryman's Hand Book of Tried and Proved Remedies for the Diseases of Poultry. It describes in simple language the symptoms of the various diseases and tells what remedies will give best results under different conditions.

The Chapters are: Requisites for Health; Head, Throat and Lungs; Intestines and Crop; The Abdomen; Legs and Feet; The Skin; Parasites; Objectionable Habits. Send for complete list of our publications.

Price 25 Cents, Postpaid.

60 Cents, Including a Year's Subscription to American Poultry World.

84 pages, 6 by 9

AMERICAN POULTRY PUBLISHING CO., 158 Pearl St., BUFFALO, N. Y.

"A CHIEF AMONG YOU"

FLEETING IMPRESSIONS OF A FAMOUS ENGLISH POULTRY BREEDER ON HIS FIRST VISIT TO AMERICA

BY REV. E. LEWIS JONES, ENGLAND

(EDITOR'S NOTE:—Rev. E. Lewis Jones, whom we were glad to meet for the first time at the Madison Square Garden Show, was kind enough to send us a letter containing his impressions of some of the poultrymen he met and the show conditions on this side of the Atlantic. For obvious reasons the highly eulogistic references to the editors of AMERICAN POULTRY WORLD are omitted in the printed letter below, suffice it to say the editorial staff greatly appreciate the kindly motives that prompted Mr. Jones to write in such flattering terms of its members.)

These words of mine are but the fleeting impressions (not matured considerations) of one who came for the first time to show his birds at the New York Show and there meet for the first time some American and Canadian poultry lovers, some known to him for years by correspondence, others only by reputation. The writer claims no infallibility and asks the indulgence of the readers to accept them as they are written. Again, there is no priority assigned to anyone, just as when the poultrymen were at lunch the host said "this table is so arranged that wherever you may sit that is the head of the table," this article is so constructed that whatever name is alluded to, that for the time being at any rate is the leading figure in the poultry world. It may be that I allude too fondly to the Campinists, but that must be excused because the writer naturally concludes that the cleverest, cutest and shrewdest men amongst a very shrewd race of poultry lovers are those who have foresight enough to take up Campinists.

Well, I landed on Saturday before the great show and was met by Mr. Jacobus as I left the S. S. Laurentic. Mr. Jacobus very kindly piloted me and my birds through the intricacies of the U. S. Custom House and took me and my birds to his beautiful home in Ridgefield to get us fit for the show. He also took my birds to the Garden and has been most thoughtful and kind to me during my stay. To appreciate this kindness to the full extent, I must say that no one realized more than Mr. Jacobus did how keenly my birds would compete with his for the honors. Mr. Jacobus is a type of man who works hard to win, who is keen to win but is magnanimous with it all. There is nothing mean or small or paltry about him. His true fancier spirit was displayed in the way he congratulated me when I had succeeded in being placed for first to his second. It is a time like that which tries the man, and it is at such a moment when many an otherwise good man is found wanting.

Then on the Tuesday I met Mr. George Urban, of Buffalo, for the first time. I knew that he had most thoughtfully included me amongst his guests at the Taft dinner given by the Economic Club at the Hotel Astor. I felt this was true American hospitality, the hosts doing their best to make a poor visitor's stay pleasant and memorable. Mr. Urban's kindness was extended to me much further in the lunch at Delmonico's and during my visit to him at Buffalo and to the Niagara Falls under his pilotage. I believe Mr. Urban to be the greatest

guide to the Falls. He knows so well where to stop. I believe him to be the greatest story teller amongst poultrymen at least, and I have a lively recollection of the laughter he provoked, and also he can give a hard knock, of that I had experience. Mr. Urban is great as a poultryman, he is greater as a host and a prince among entertainers, but he is greatest of all in the Log Cabin in his grounds at Buffalo. To be entertained there by Mr. Urban is something to live for. I congratulate the American Campine Club upon their president, Mr. Urban, and their secretary, Mr. Jacobus. No society ever had keener and abler of-

ficers, men who are straight as a die. The fancy in America will remain healthy as long as two men of this type belong to it, and any society would be proud to reckon them as members.

It was my good fortune to have as my fellow guest, at both the Taft dinner and the lunch, Mr. Russell of Toronto. I had already been introduced to Mr. Russell at the Garden and was pleased at the opportunity of further cultivating his acquaintance. Mr. Russell is an ex-member of the legislature of his province and there is always a charm about a public man which makes his company most attractive, and Mr. Russell possessed this quality. Mr. Russell knows what he is about and is well able to adapt himself to his surroundings and this adaptability is of great value in this world. We may admire the strong man of rough corners but we cannot like him—we can both admire and like Mr. Russell.

Mr. Platt I had met last summer and I am not going to tell the people of America about his bicycling exploits when he came to visit me or of

QUALITY SILVER LACED WYANDOTTES

UNEXCELLED LAYERS. Leading Winners at Madison Square Garden. Mating List Free. LEROY W. SEIGFRIED, Route B, WATERLOO, N. Y.

"YELLOW JACKET STRAIN"

"NOTHING HOTTER"

S. C. BUFF ORPINGTONS

The big boned, massive, short legged kind with that nice, even buff color under and out, with plenty of type and vitality. The kind that is a pleasure to raise, because they are **Winners, Layers and Payers**. We are sold out on stock but are getting plenty of **Eggs** that we can furnish you at living prices. Write us

E. W. STULTZ,

ZIONSVILLE, IND.

MICHAELS PARTRIDGE WYANDOTTES

At the Nation's largest Partridge Wyandotte Show, our National Club Meet, they win their way to fame. Catalogue and mating list showing complete winnings and prices on eggs.

H. W. MICHAEL,

Box P,

NEW CASTLE, PA.

Build Your Incubator and Save Money —Double Your Incubator Value

THIS announcement is for experienced poultrymen who want and appreciate the best incubator it is possible for them to get, and for those who are just starting in the poultry business seriously and want to start right. I say to you, do as 100,000 others have done and build your own incubator using my Acme Patented Incubator Fixtures, Knock-down Incubators and my FREE PLANS.

I Have Thousands of Letters Like This One.

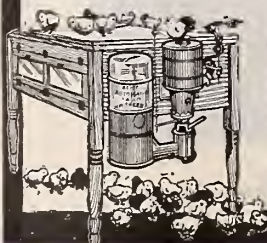
"I have built twelve incubators from your plans and fixtures and sold six of them, keeping the others myself. I have up to date 2,156 Pekin ducks and 540 chicks. I don't think I have lost 5 per cent of ducks and chicks hatched. The incubators take very little care. The regulator when once set, holds the 104 mark from beginning to end, and the lamp is a big oil and time saver. W. L. REDEKER, Salt Lake City, Utah."

Anybody can do the work. And I guarantee the incubator. Every poultryman knows Sheer's Fixtures. They are Standard. They are **automatic** and so simple and positive—there is nothing to get out of order. They afford automatic regulation of heat, ventilation and moisture—all uniform in egg chamber, on less fuel. My Perfected Acme Automatic Lamp maintains a constant oil level and has added to it this year my Crystal Glass Reservoir. Lamp can not overheat. Then there's my Tandem Double Compound Thermostat and my combined damper and flame regulator which keeps the flame uniform, stops fussing, saves oil bills, cuts out regulation troubles. These parts make any incubator a good incubator.

For Your Old Incubator.

You need not throw away the old machine if you do not want to. Get my

H. M. SHEER, Dept. 8, Quincy, Ill.



better fixtures, refit it and have better hatches this year.
My Peerless Lampless Brooder has no lamp—no boiler—makes for healthy chicks. Thousands in use. Make it yourself.

MY FREE BOOK tells everything, gives plans for building at home, shows you the fixtures, shows you how to get higher percentage hatches. Send for it TODAY.



his quest after pie in the little village of London or of any other thing that happened on our side of the herring pond. No tale out of school, but Mr. Platt is full of youth and enthusiasm, he may grow older but I doubt it. He has the enthusiasm which has led many to joyfully give up their lives for the cause, and for this and many other reasons Mr. Platt is likeable. He has made good on our side as much as in America.

Space will not allow my going over any more and this is written on the eve of my departure, so I must leave Mr. Hicks, Mr. Kennedy of Toronto, Mr. Fisk and Mr. Schwab and Mr. Story, Mr. Foster (of the million egg farm) and many others to a future visit, and I say right here I have had such a good time that I am sure to come again. Don't show a Britisher kindness unless you want to see him again. You may have heard of the tale (and I tell it here apropos of nothing and such tales are very good—a good tale is good, however put in) of two niggers speculating if there were gold in the moon; one of them decided there was none there, otherwise the English would have gone to look for it. This tale has no moral.

THE AMERICAN SHOW

In many respects the show in the Garden was like the Crystal Palace Show for instance, but we have no decorations and no display coops such as there are here on the floor. Such

things at once struck me as also did the ribbons instead of prize cards. The judging is more leisured and so takes longer time than with us. The birds are smaller and of better type than ours, but are not up to ours in brilliance of colors and markings. Some time later I hope to give my opinion—you may take it or leave it, we wont quarrel about it—more fully on this head. The head points are better over here and I greatly admire the efficient way in which the birds are staged. Of the management I cannot speak too highly. Mr. Crawford is the greatest of show secretaries. American poultrydom do well to be real proud of him. I received nothing but kindness from his



A. W. W. KULP, LARGE ROSE COMB BROWN LEGHORN HEN. LAYS LARGE EGGS. POTTSTOWN, PENNSYLVANIA.

A bred-to-lay R. C. Brown Leghorn hen owned by W. W. Kulp, Pottstown, Pa. In Mr. Kulp's flock are many individuals that average over 200 eggs per year. Individual records of 240 and 242 eggs per year have been made by his birds.

First pen five years straight at Madison Square Garden Show, New York

Again "Poley's World's Best Buff Rocks" receive more first awards at America's leading show—held December, 1911, at Madison Square Garden, New York—than all other competitors combined.

Again "Poley's World's Best Buff Rocks" win first pen at this show, this being the fifth consecutive year in which they have won this most important first prize.

Again "Poley's World's Best Buff Rocks" add to their long list of winnings at Madison Square Garden by capturing first and fourth on cock; first and fifth on on cockerel; third on pullet; third and fifth on hen.

At the National Meeting of the American Buff Rock Club, held at Boston, January 1912, in a very strong class consisting of 164 single entries and 14 pens, "Poley's World's Best Buff Rocks" won first cock; first, fourth and fifth cockerel; first and third pen; third pullet and fifth hen. National Cup for best cock, hen, cockerel and pullet; best display; \$100 sweepstake special for best male; shape special on best male and color special on best male.

This season's records at New York and Boston are merely in keeping with the showing of the past five years—during which time "Poley's World's Best Buff Rocks" have won 16 out of 25 possible firsts at Madison Square Garden, New York, and 16 out of 25 possible firsts at the last five National Meetings of the American Buff Rock Club.

All these winning birds will be in our mating pens this season.

Now is the time to purchase eggs for hatching, day-old chicks and breeding stock.

Our handsome new 1912 catalogue and mating list, fully describing our farm and stock, furnished free upon request. Write for same before purchasing stock.

THE LINFIELD POULTRY FARM,

Box W, LINFIELD, Montg. Co., PA.

ANGELO J. MYERS, Prop.,

JOHN W. POLEY, Mgr.

hands and I greatly appreciated the tact and ability displayed by him and his very capable and efficient staff in the management of a very large show.

POULTRYMEN AT PLAY

I cannot conclude without referring to the lunch at Delmonico's, at which through the kindness of Mr. Urban, I was privileged to meet a number of the "lights" of the American fancy. Naturally at such a function I criticized and compared the difference between such functions, this side and ours, that yours are lighter and informal. To entertain we believe a man must be fed, and possibly we attach too much importance to the body part of it, leaving the other side too severely alone. Mr. Urban, the host, was a host in himself and the life of the party. He managed it as one well used to such events and as one who has taken such interest in his guests as to know them well and knew how to get the best out of each one. It is a great gift in a host to make people at home at the board and so give of their very best to the common fund. The speeches were crisp and brief. Each one had a kernel in it and each one was a real contribution to the fancy. There was not one dull moment, and so pleasantly did the hours speed that some of us were a little late in attending the meeting. America has real reason to be proud of her representative poultrymen.

Of the meeting to found the American Campine Club, I have just a few words to say. There was nothing cut or dried about it and everyone has a show who wants it. They were really a bunch of live wires who sat in there. Never was I more impressed with this fact than when I was talking to them. Americans are great talkers but they are great listeners too.

I go back with great admiration for the greatness of the American fancy and with a heartfelt recollection of the innumerable kindnesses received on all hands during my visit to the great show at Madison Square Garden.

Perhaps the one breeder who impresses me most forcibly on this side is Mr. Aug. D. Arnold. He is a type of man that is very common on our side. I almost fancied he was one of those very clever breeders who have made the name of England famous. He can see as much into a bird as the next man and a little more. I was more than pleased to see him among the Campine breeders, and very soon trust to see him showing some beauties at the Crystal Palace.

I had corresponded for some years with Mr. T. McGrew and it was a source of great pleasure to meet him. He is still a Scot to all intents and purposes and when I saw him I was reminded of the old Scotch lady who was selling fowls. She praised them so well that the prospective buyers turned around and asked if they had any faults. The lady replied, "Ah, well, I mun speak the truth; they have one-fault, they do not respect the Sabbath and will lay on a Sunday!" There is a plausibility and a persuasiveness about the Scottish nationality (it is well known also in the whiskey), that comes over us all, no matter how much we fight against it. "Tommy Mc" is a typical Scots lad. I hope he will come over to see us in the tight little island.

WARREN N. OSBORN

The Standard quality of Single Comb White Leghorns as bred by Warren N. Osborn, Camden, N. Y., and as mated by him for the season 1912, has again been demonstrated by his recent winnings at Utica, N. Y., show (Jan. 15-19, 1912). From six single entries his birds won 1st hen, 2nd and 5th cock and 4th pullet. Eggs for hatching from these and other prize winners are offered for sale at popular prices, as per adv. on another page of this issue of AMERICAN POULTRY WORLD. His stock is further described in his mating list for 1912, which he will mail on request. His eggs for hatching should prove above the average in fertility as his hens have not been forced for winter egg production, but their laying has

rather been retarded to make them more prolific during the hatching season.

SINGLE COMB White Leghorns

BABY CHICKS
\$12 per 100

Get your order in at once if you want your chicks on time. 1,000 chicks per week from March 1st. We have the largest, healthiest lot of Leghorns in the East. The best blood lines in America are in our birds. You will not be disappointed in stock for size, layers and general good looks. Vigorous strong chicks that will live and grow.

THE EVERLAY FARM,

ROUTE 2, METHUEN, MASS.

Send 25 per cent. with order.

CONNECTICUT ROSE FARM

S. C. B. LEGHORNS

are still at the front. They won at Perry, December, 1911, 1-2 cock, 1-2-3 cockerel, 1-2-3 hen, 1-2-3 pullet, 1 pen old, 1 pen young, silver cup for best cock bird in show. At Rochester, January, 1912—1-4 cock, 1-2 hen, 2-4 pullet. At Geneseo, January, 1912—1, 2 cock, 1-2 cockerel, 1-2 hen, 1-2 pullet. I have been breeding S. C. B. Leghorns for 12 years and I guarantee satisfaction.

WILLIAM P. SAFFORD,

R. F. D. No. 1,

PERRY, N. Y.

Columbian Wyandottes

At Rutland, Vt., I won 1, 2, 3 pen, 1, 3 hen, 1, 2 pullet, 1, 3 cockerel and 2 cock. At the Vermont State Poultry Association, Montpelier, Vt., I won 2, 3 cock, 1, 3 hen, 3, 5 cockerel, 1, 2, 4 pullet, 2, 3 pen. At North Adams, Mass., I won 1 hen, 1 cockerel and 2 pullet. The hen won 1st, best color and shape female. The cockerel won 1st, best color and shape male and best Columbian in show. I am winning firsts, specials, cups and prizes for best Columbian at shows all over the country. I still have a few extra good breeding males for sale. If you do not want stock send for my mating list and get some eggs from a line bred strain. Prices within the reach of all. Member of National Columbian Wyandotte Club.

LEVI A. AYERS,

Lock Box 760,

GRANVILLE, N. Y.

This Advertisement Worth 25 Cents To You

1 DOLLAR FOR 2 DRY MASH FEEDER

Feeds anything given chickens dry, except cut clover. Depth of pan prevents waste and being hung to legs with 3 small links of chain allows pan to shake enough to prevent clogging.

Made in 4 Sizes, 4 quarts, 50c. 6 quarts, 75c. 8 quarts, \$1.00 10 quarts, \$1.25

To introduce my new feeder I will send the 4 and 6 quart feeder or the 10 quart feeder for one dollar and this advertisement. Save this ad. you will want these feeders and I cannot afford to repeat this offer. Address

W. M. CONNER, 254 Jersey Avenue, JERSEY CITY, N. J.



STOP ! LOOK ! READ !

EGGS EGGS EGGS EGGS EGGS EGGS

From Browne's S. C. Buff Orpingtons. Without question the most profitable kind of poultry in the world to-day is the Orpington and I now offer you eggs from my strain of Buffs, that has taken me years of hard work, careful and thoughtful study to produce. My birds are grand in shape, size and color and have won their share of prize; wherever shown. Remember the breed that lays is the breed that pays. If you have been unsuccessful in the past, start over but start right. If you want to get bigger and stronger hatches, early maturity, more eggs in winter and birds that next winter will make your heart glad, then send your order for eggs to the man with honest stock, honest methods and honest prices.

BROWNE'S S. C. BUFF ORPINGTON FARM,

Earl Browne, Prop.

Sta. B, R. F. D.,

Box 148,

COLUMBUS, OHIO

A BREED FOR THE SUBURBANITE

**THE CITY OR TOWN LOT POULTRYMAN MUST USE INTENSIVE METHODS.
A VARIETY TO SUIT THESE CONDITIONS SHOULD BE SELECTED.**

BY GERALD WILLIAMS

The man who is compelled, by force of circumstances, to limit his poultry operations to the least possible space, should exercise great care in selection of the kind of poultry he keeps, so that the characteristics of the variety he chooses for his moneymaker shall work to his advantage, rather than offer hindrance to his advancement.

There are many who will read these lines who are turning the pages of our good friend, the AMERICAN POULTRY WORLD, studying the advertisements and breeds advertised. Their enthusiasm over the Billion Dollar Industry is aroused. They are making a start this Spring in Poultry Culture, but which is the best kind to keep has not yet been decided.

To those who have made careful study of the tendencies and abilities of the different kinds of poultry to yield a nice profit under the conditions of close confinement noted above, there is one that stands out as a suitable variety from every point of view for the use of the Intensive Poultryman, whatever his ultimate aim.

That variety is the Buff Wyandotte. They are of a quiet disposition, tame, easy to handle, contented in small quarters, singing and laying the daily eggs as regularly as if given acres of range. Buff Wyandottes do not require double mating—room saved where saving is an object. They are a color that does not easily show oil-trim, slightly and attractive always—no washing in three waters before showing.

Buff Wyandotte hens make the best of mothers—the maternal instinct is strong, they are large enough to cover a good clutch, yet not so heavy as some breeds, thus avoiding the danger of breakage.

It is a fact that no expensive plant is necessary to start in the poultry business. The price of a few good Buff Wyandotte hens and eggs from some reliable breeder might be more productive of profit and pleasure than \$1,000 invested in a poorly stocked, planned and managed plant. So that taken all in all the Buff Wyandotte is peculiarly adapted to the needs of the man with small space.

The Intensive Poultryman, in order to achieve greatest success, must weigh his chances for a profit in every detail. There will be in any poultry operation some chicks that should go to market at the earliest age that it is possible to procure for them the amount that they represent in cost, with, of course, as large a profit added as conditions will permit and skill and ingenuity can secure.

If you are as successful in hatching and rearing as you have every right to expect, the youngsters will early be-

gin to cry for more room. The variety that matures earliest into a most desirable market commodity is the one that soonest and most profitably eases off the pressure on the chicks that are to be held for future profit.

This phase means broilers, and right here is where Buff Wyandottes come to the front with a right glad smile. It is possible to put a three pound Buff Wyandotte broiler on the market at twelve weeks from hatching, thereby realizing a large per cent. of profit, and when this is done you have scored your first victory in the poultry business—a victory won in twelve weeks. Some men with some breeds do not score a victory in twelve months.

The next sorting of the flock with an eye to the greatest gain is for caponizing the undesirable cockerels. This should be done when their faces commence to redden, and everything in the young males that is not wanted for breeding purposes should be caponized.

Here again is a splendid chance for a profit with Buff Wyandottes which in some other breeds must be foreborne. We have had a Buff Wyandotte capon to weigh ten pounds and four ounces at six months of age and to

Indian Runner Ducks Madison Square Garden, N. Y., -10 entries-10 Ribbons including four Firsts, all specials. Boston, Mass. -9 entries-9 Ribbons including three Firsts, all specials.
EGGS STOCK
SINCLAIR SMITH, 602-5th St., BROOKLYN, N. Y.

**To Introduce C. Jack Frost's
WONDERFUL STRAIN OF
S. C. REDS**

in your locality I am going to give away absolutely free of charge

A \$5.00 SETTING

of 15 eggs with every setting ordered through this advertisement. Remit me \$5.00 for 15 eggs from my best matings and I will send you absolutely free of charge an additional setting of 15 better

S. C. RED EGGS

than you can purchase elsewhere for twice the amount and which I guarantee to be fertile and which will produce strong, healthy, prize-winning and profit-paying chicks. Remember these eggs will be

FREE TO YOU

only on condition as above and that you mention A. P. W. Address to-day

C. Jack Frost, 567 E. 23rd St., Paterson, N. J.
Member A. P. A. and R. I. R. C. of America

AIREDALE TERRIERS
The Poultryman's WATCHDOG

WILLET'S QUALITY S. C. REDS

Won at the New Berlin Show, January 22-26, Silver Cup for best display; Club Specials, on shape and color; pens young 1-2-3; pen fowls 1; pullets 1-2-5; cockerels 3-4-5; hens 1-2; cocks 2-3-4. The above 15 prizes on 15 entries. At Utica Show 1912, on 3 entries 1st and 4th cockerel, 3rd pullet. At Scranton same week on three entries, 3rd cock 4th hen. Send stamp for catalog.

QUALITY YARDS, W. M. Willets, Prop., SHERBOURNE, N. Y.

Sanitary Suspension Hover



Our hover is the most remarkable hover ever invented, it hovers the chicks like mother hen, there is no steps to climb and can be hung in any box two foot high, it will also warm the box it is hung in, there is no possible way for the chicks to crowd, they cannot pile up, there are no corners. Heated by hot water and the lamp is above the chicks and easy to get at. Hot water pipes that warm the flannel that lays on the chicks backs. Easy to clean, nothing to take apart, just push it to one side which requires but a moments time.

THIS HOVER WILL TAKE CARE OF YOUR CHICKS

Your Name On A Card Will Get Our Book.

WENDELL INCUBATOR CO., 56 Main Street, HOLLY, MICH.

WILCOX'S WHITE WYANDOTES—WINNERS WHEREVER SHOWN

A heavy laying strain of massive, blocky birds that are proven winners. Have mated up some grand matings and expect great results. Mating list free. Stock Eggs and baby chicks.
HORACE L. WILCOX, 36 Brainard Ave., MIDDLETOWN, CONN.

bring, at our door, exactly twice as many cents per pound as the cockerels were bringing, if carried to the butcher.—an object lesson that any child can read outright. An indirect advantage of this method is that less room is needed for the capons and no check in growth or productiveness in the pullets arises from annoyance of a large number of males. And next comes the correct answer to the momentous question, "Why is a Hen?"—"Pullet Eggs." It seems to me the main issue of success in the whole poultry business swings on this item—pullet eggs or no pullet eggs.

Every Buff Wyandotte breeder in the land will back his flock for pullet eggs against anything that cackles. Years ago we personally made Buff Wyandottes our sole choice of all breeds because right here on our own plant under the fairest test for a year that we could devise,—Buff Wyandotte pullets outlaid several highly praised varieties and proved their right to be called the Everlasting Layers with a handsome margin of profit to the good as compared to the other kinds.

Then comes a time to the alert poultryman who got "in right" at the beginning of the season with his early hatched Buff Wyandotte pullets and kept them everlastingly at it, when the price of the eggs goes to pieces,—the youngsters again demand more and more of his time and room—the laying flock, for one reason or another begin to "go back," that he clearly



Allen's Empire Strain Columbian Plymouth Rock have a long list of victories to their credit. Reproduced above are a few of the ribbons won at our largest shows.

sees that he should turn some or all of his old stock. Well, right here is where the Buff Wyandottes again be-

friend the man who is so fortunate as to have them.

At just about the time the heavy winter laying Buff Wyandotte pullets come to their period of greatest weight—usually about the last of May or the first of June—there comes a quick rise in price and a keen demand for "Fat Hens" as the pullets are now classed. This is the time to turn all not needed for the next year's work. The poultryman must be fully awake at this time to market conditions if he would secure the top price for the rise is sharp and the decline as quick, but it has come regularly at this time of the year, for as many years as we have watched the market—each year's top price exceeding that of the year before.

It seems hard to have to crate and ship your laying hens that have done so well for you and so generously rewarded your labor through the winter and spring, but this is the ultimate destiny of fowls and if held over this period there comes loss of weight—frequent losses from heat or other causes and loss in price received. And so—profitably,—should end the year's work with the Buff Wyandottes,—the work of the first season overlapping that of the next by the number of months given by nature for hatching—thus allowing the use of the flock for hatching and brooding the young over into the warm season and then giving room for the better care of the youngsters that are started ready for another swing around the



"Tycos" Brooder Thermometers

mean accurate temperature and contented chicks under the hover

A "Tycos" is the guide to successful poultry raising. Your chicks may hatch well but if they are not properly brooded they will die. Eliminate uncertainties by using a "Tycos" Thermometer.

A dependable brooder thermometer is as essential to the successful raising of chicks as an accurate incubator thermometer is to the hatching of them.

The minutest detail in making "Tycos" Thermometers is cared for in the most careful and scientific manner. The "star" to which we have hitched our wagon is "ACCURACY," and we have never taken our eyes from it. Every thermometer is thoroughly seasoned and tested—tested so rigidly that other makes can not stand it. They do not leave our factory unless they pass a final test of 100 per cent. accuracy. That is why "Tycos" thermometers are perfect. That is why they are dependable. "Tycos" quality has never been questioned.

PURSUE THE COURSE OF THE WRITER OF THE FOLLOWING LETTER:



"Decatur, Ill.
 "I have been using 14 of your incubator and brooder thermometers, but was forced to purchase another brooder thermometer since I broke one by letting it drop.
 "After scouring this city over I was unable to purchase a "Tycos" and before taking any other decided to wait.
 "I handed our merchant your address and asked him to order a few of your thermometers, which he claimed he would do immediately.
 "Whenever I can speak a word for "Tycos", will be pleased to do so.
 Yours truly, (Signed) C. W. Brewer."

When you buy a Brooder or Hover, see that it is equipped with a "Tycos" Brooder Thermometer. You can always depend upon the quality of a Brooder supplied with a "Tycos". If your dealer cannot supply you, write us

- "Tycos" Brooder Thermometers, each \$.75
- "Tycos" Certified Incubator Thermometers, each \$1.50
- "Tycos" Incubator Thermometers, " .75
- "Tycos" Incubator Hygrometers, " 1.50
- "Tycos" Electrical Alarm Thermometer, express prepaid, \$5.00

Write today for our free booklet, "Thermometer Facts Worth Knowing." It's a big aid to profitable poultry raising.

Taylor Instrument Companies,

ROCHESTER, N. Y.

There is a "Tycos" Thermometer for every purpose. Ask for The Thermometer Book.

circle of poultry profits. So will the Buff Wyandottes befriend and reward him who has risked his year's work and conscientious care. Long live the Sturdy Workers the Buff Wyandottes.

In regard to the fancy values of Buff Wyandottes, which is a subject for a complete article by itself,—a broad hint of the popularity and demand in the Buff Wyandottes is found in the fact that in the big Cleveland Show, 1910,—again in 1911, and at the New York show this year, the Buff Wyandotte class led all classes in numbers shown and interest taken. The increase in the price obtainable for the best fancy specimens in the Buff Wyandottes is in greater proportion than the general increase of price of all varieties bred for fancy.

The Buff Wyandotte outlook is indeed and in truth so promising that those who are fortunate enough to have a good start are to be congratulated on their foresight and sagacity. NOW is the time for YOU to start in the money-making Buff Wyandottes.

SCHEENECTADY, N. Y. SHOW

The first annual exhibition of the Schenectady Fanciers' Association held Jan. 23rd to 27th inclusive, was a success in every particular, both in number and quality of entries and in attendance. The Center St. Opera House was entirely too small for such an exhibition and the officers of the association, encouraged by the success of the present show, contemplate engaging the armory for their next show.

The officers are: President, R. C. Jones; vice-presidents, W. S. McNab and Dr. E. E. Reynolds; treasurer, L. B. Forest; secretary, H. J. Fuller. One of the judges was Robert Seaman of the well known firm of Seaman & Bogart of Port Washington, N. Y., who stands in the very front rank as breeders of Rose and Single Comb R. I. Reds. Mr. Seaman is one of the very best of judges of R. I. Reds. Under him a breeder gets an honest opinion of his birds. With him all sections of the birds are taken into consideration and it is a pleasure to review the work of Robert Seaman. We invariably agree with his awards. We overheard one individual make the remark that "They can talk all they want about editor judges, but I think its about time that they pay some attention to breeder judges. This selling birds to exhibitors and then placing blue ribbons on them when judging the class that they are in, certainly isn't giving the other exhibitors a show." We agree with this party, and if those publishers who are directing the attack on editor judges would turn their attention to the breeder judges, they might accomplish something. But then these breeder judges advertise, and editor judges do not.

The strongest classes were the White Orpingtons, Barred Rocks, White Wyandottes and S. C. Brown Leghorns. Woodcrest Farm, Rifton, N. Y., made a splendid exhibit of White Wyandottes, winning 1st and 3rd cocks, 2nd and 4th hens, 1st and 5th cockerels, 1st pullet and 1st, 3rd and 4th pens, winning best display, special for best pen of Wyandottes, all varieties, special for best solid colored pen in show, also special for best pen in show, all varieties competing. This farm also won best display at

the big Albany show, and their White Wyandottes average up with the best farms in the country. Chas. T. Craig, the poultryman in charge of the White Wyandottes on this farm, has for twenty years been one of our most prominent White Wyandotte breeders. He has exhibited and won at Madison Square Garden. He is a very capable judge and has a number of engagements booked for next season. He is quite prominent in the community, having been elected to the office of justice of peace, a position he now holds with credit to himself. Woodcrest farms advertisement appears in this issue. They offer stock and eggs for sale at attractive prices.

J. Reepmeyer, Jr., Craig, N. Y., had one of the very best strings of Silver Wyandottes that we have seen ex-



KEYSTONE POULTRY FOODS

are standard. Their high quality is maintained constantly. Poultry authorities know them to be best, and buy them continuously year after year. Isn't that proof enough of their merits? Poultrymen who appreciate the value of proper food ingredients, correctly proportioned and mixed, demand KEYSTONE POULTRY FOODS. They will accept no substitute. They know they can depend upon KEYSTONE being exactly as represented. Complete line of Poultry, Pigeon and Chick Foods, Remedies, Field and Garden Seeds, Incubators, Brooders, Fixtures and Appliances. Once tried—always used. Write for FREE SOUVENIR and Catalogue to-day.

TAYLOR BROS., 42 Market St., Camden, N. J.

Sandy Lick Poultry Farm's Winnings Pittsburg, February 22 to 26, 1911

In the hottest Orpington class ever brought together; 408 competing; hundreds of dollars spent for birds to compete in this class. Whites—fifth pen, eleven pens competing; fifth cock, 19 cocks in class; second and fifth hen, 25 hens in class; fourth pullet, 35 in class. Blacks—first pen, first cock, first cockerel, first hen, first pullet, third hen, third pullet, fifth cockerel. This cock birds conceded to be the best Orpington in the show. Buff—Third Pen, second cock, fourth cock. Send for a mating list.

SANDY LICK POULTRY FARM.

966 Liberty Avenue,

PITTSBURG, PA.

L. O. Kettering, Proprietor.

Bell Phone 9287 Grant. P. & A. 431 M.

J. W. McGinnis, Manager.



Bruce & Abbott's Buff Orpingtons

Eggs For Hatching From Our First Prize Winners at

PITTSBURG INDIANAPOLIS NEW ORLEANS

No Higher Class Breeding Pens Were Ever Mated

Write for our FREE catalogue and mating list which contains many illustrations of our plant and winners and gives a detailed description of each breeding pen. It will interest you.

BRUCE & ABBOTT, Box 11, WHITELAND, IND.

\$10,000.00

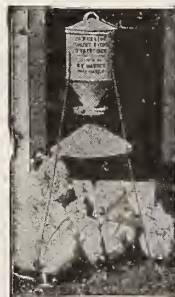
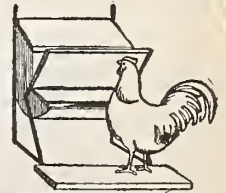
will be saved this winter to the many thousand users of the 20th CENTURY FEEDERS

Are you getting your share? There is another winter coming. Prepare now by equipping your yards with the dependable

20TH CENTURY FEEDER DEVICES

Unequaled in efficiency and workmanship. Made of the best material.

Will last a life-time. Protects your feed from rats, birds and rain. DON'T THROW YOUR MONEY AWAY on worthless trash, when you can buy the STANDARD machines at the very lowest prices, consistent with good material and workmanship. DON'T think of buying poultry feeders of any kind until you get our proposition. It will save you money. Our catalogue tells the whole story; it's free.



Sold as low as \$1.75

H. E. & C. S. BARNES, 86 King Ave., Columbus, O.

Successors to H. E. Barnes, Brink Haven, Ohio

20th Century Dry Mash Feeder



R. and S. C. BLACK MINORCAS and R. C. BROWN LEGHORNS

Chase Wins at Chicago, 1911

1 first, 6 seconds, 5 thirds, 3 fourths, and 1 fifth, in the hottest of competition. We also won 30 ribbons at the Illinois State Fair. If you are wanting eggs from the best matings in the country, order from us at once, as all of our prizes are included in our 30 breeding pens.

We can supply day-old chicks in any number. We still have 500 birds for sale including cocks, hens, cockerels and pullets. Mating list free. Send 2 red stamps for our 30 page illustrated catalogue, this is the most elaborate Minorca and Leghorn catalogue ever published.

EDGEMONT POULTRY FARM,

W. O. Chase, Box Z. HILLSBORO, ILL.

hibited this season, winning 2nd and 3rd cock, 1st, 2nd, 3rd and 5th hen, 3rd and 5th cockerel, 1st, 2nd, 3rd and 5th pullet and 1st and 2nd pen, of course winning best display. Mr. Reepmeyer's 2nd pullet here also won 2nd at Madison Square Garden. Mr. Reepmeyer also exhibited at the last big Palace show, winning 1st hen, 1st cock, 3rd cockerel and 1st pullet. He has made a specialty of the Silver Wyandottes making rapid strides in their improvement.

Dunlap-Schwind Co., of Chatham, N. Y., just to have the name of showing at Schenectady, entered a cock and hen in the White Plymouth Rock classes and a cockerel in the White Wyandotte classes, winning 1st cock and 2nd hen White Rocks, and 4th cockerel White Wyandotte; 1st cock was the best Plymouth Rock in show. The Dunlap-Schwind Co. make a specialty of selling day-old chicks from their vigorous farm raised White Plymouth Rocks, White Wyandottes and S. C. White Leghorns. They have a Cyphers Mammoth Machine and they will be able to fill all orders promptly. They also sell eggs for hatching at very low prices considering quality. They are also agents for Cyphers Incubators, Brooders and Supplies. Send for their catalogue.

R. G. Hoagland, the well known breeder of White and Buff Orpingtons and Ancona breeder of Stamford, N. Y., won every first on S. C. Anconas. Judge Hoagland breeds good birds and as a poultry judge is making good. His work at the last Catskill, N. Y., show, where he judged all varieties with good satisfaction to all, being considered first class.

J. B. Keyworth, Hudson Falls, N. Y., entered two cockerels, two pullets and a pen in the S. C. Buff Orpington classes, winning 4th and 5th pullet, 2nd and 4th cockerel and 1st pen, and with that small entry won more points than any other exhibitor. On a like number of entries in the White Orpington classes he won 1st cockerel and 1st pen. First cockerel and 1st pen were hatched from eggs purchased from Owen Farms. Mr. Keyworth was offered \$250 for his first pen, and \$100 for his 1st prize cockerel, but as he intends to build up instead of tearing down he refused the offer, reserving these magnificent birds for his breeding pens.

Mrs. W. L. Cobine of Oneonta, N. Y., the leading lady fancier of the county won 1st cock, 1st and 4th hen, 2nd cockerel, 4th and 5th pullet and best display in the White Orpington classes. 1st and 3rd pullets, 5th cockerel in S. C. Reds, 1st and 2nd cock in R. C. Reds. First Single Comb pullet and 1st R. C. cock were dandies, and were the best birds in the R. I. Red classes. First R. C. cock also won 1st at Schenectady two years ago and 2nd at Boston. He is a wonderful bird. Although four years of age he retains the color and vigor of a cockerel. Send to Mrs. Cobine if you wish to secure good stock or eggs for hatching.

William Reepmeyer of Cohoes, N. Y., made a runaway of it in the S. C. Brown Leghorn classes, winning 1st and 2nd cock, 1st and 4th hen, 1st 3rd and 4th cockerel, 1st and 2nd pullet, 1st and 2nd pen. That Mr. Reepmeyer is one of the leading S. C. Brown Leghorn breeders can be attested by his being able to win first hen and 3rd and 4th cock at the last Garden show; first and 5th hen, 5th cockerel and 1st pullet at the big Palace New York show.

H. J. Fuller of Schenectady, N. Y., won 1st cock, 1st and 2nd hen, 2 cockerel, 1st pullet, 1st and 2nd pen in Partridge Cochins classes. He breeds good Cochins and is doing a fine business from his ad. in AMERICAN POULTRY WORLD. He informed us at Schenectady show that he receives inquiries from as far west as California and Washington. H. J. Fuller is a hustler and no mistake.

Mr. Arthur J. Geis of Delmar, N. Y., made a nice winning in White Wyandottes as follows: 1st hen, 2nd cock, 2nd and 3rd cockerel, 2nd pullet and 2nd pen, very creditable considering the competition. He won 1st on a pullet at Albany show that was one of the best of the season. He is an old

Exterminate Rats & Mice
Scientifically
 No Odors Non Poisonous
 with PASTEUR LABORATORIES' RAT VIRUS
 Easy to use—Harmless to poultry, domestic animals and man. Write for full particulars immediately.
 PASTEUR LABORATORIES OF AMERICA
 Paris—New York—Chicago—San Francisco, etc.
 Room 842, 443 So. Dearborn Street, Chicago

EVERY ROTTEN POST
 that must be replaced entails an expense greater than setting a new line of posts. The cost of replacing is post plus labor and expense incidental to a disturbance of the balance of the fence. This can BE PREVENTED through the proper treatment of butts of posts with Avenarius Carbolineum. Painting 3-foot butts two coats costs no more than 2 cents for each. Circular 58 tells all about the proper preservative treatment of posts. It's free for the asking. Write Carbolineum Wood Preserving Co., 190 Franklin St., New York, N. Y.

Crystal White Orpingtons

My stock originated from a \$500.00 Kellerstrass pen and Kellerstrass \$30.00 matings. I won every first prize but one in the White Orpington classes at Hornell, N. Y., November, 1911. I have the size, type and quality in every way. Good breeding stock for sale. Baby chicks 60c each. Eggs \$5.00 per fifteen.

JAMES D. CHEESMAN, Box W, ANDOVER, N. Y.

Why Do Dealers Sell Buckeye Incubators?

Over 1000 aggressive merchants in every state in the union sell and recommend Buckeye Incubators.

Why? Because they know that every Buckeye they sell will fulfill our guarantee to

Hatch Every Hatchable Egg

and remain in perfect working order for five years. The merchant *must know* that the merchandise he sells is exactly as represented.

Satisfied customers are his biggest asset!

That's why the best merchants in the country are selling and recommending Buckeye incubators.

Significant fact—isn't it?

Buckeye Incubators have been on the market 21 years and there are over 225,000 in successful operation today.

Made in 50 egg, 60 egg, 110 egg and 220 egg sizes.

Sold As Low As \$8.00

Send us your name and address on a post card and we will send you free a copy of "Incubator Facts," a copy of our five year guarantee and the name of your nearest dealer—where you can examine a Buckeye and see it in operation.

The Buckeye Incubator Co.
 527 Euclid Avenue, Springfield, Ohio

"Anybody can hatch chickens with a Buckeye."



1912
 Buckeye
 "Standard"

breeder of White Wyandottes and he knows how to breed good ones. Mr. Gies sells eggs for hatching from his best pens at \$5 per setting.

A feature of the show was the display of Philo Coops, Incubators and accessories. The exhibition was in charge of Mr. Wilcox, who seemed capable of explaining the merits of the Philo system. It gives great pleasure to mention the Philo System as we consider it a boon to those people who having only a small back yard, were it not for the Philo system, would be prevented from enjoying the pleasure of raising a few chickens of their own and also enjoying a fresh egg for breakfast, laid by one of their own biddies. All who are interested in learning how to enjoy this delectable feast of their own raising should address E. R. Philo, originator, Elmira, N. Y.

The poultry press was represented by Harry Showalter of the Inland; Mr. Marsh of the Husbandry; Mr. Chapman of the National; Mr. Ross of the Item, and Walter Kay of the AMERICAN POULTRY WORLD as subscription men.

QUALITY POULTRY BEST FOR BUYER AND SELLER

"If the quality is right, the price is soon forgotten" has been so often repeated that the saying has almost become an adage. In other words, quality is the only guarantee of satisfaction. You cannot buy an inferior article at a price low enough to make it cheap, or rather economical. The first cost should never be given more than its due consideration, which is never the sole consideration. Frequently the best birds only cost a trifle more than the medi-

ocre and are not only equally as economical but many times more so than the indifferent sorts.

With rare exception does any buyer ever regret the purchase of good fowls or eggs, regardless of the price. If the quality is right, satisfaction is assured. Seldom does a buyer of good breeding stock, chicks or eggs ever give more than the casual thought, "well, I paid for good ones," to the price of the purchase.

If the seller gives satisfaction to his trade, his success is certain. At least that is the experience Mr. Twining of Afton Farm has had. Afton Farm has been mounting higher and higher during the last 33 years in its climb to phenomenal success. The reason, as attributed by its owner, is that above all things quality stood first. The elder Twining founded the business on that basis, and the son, S. B. Twining, the present owner and manager, was reared in that school.

Consequently any other policy would have had to be imported to Afton. The younger Twining was too good a business man to ever contemplate such an innovation. Besides, where a business is handed from father to son there is likely to be some sentiment and pride to help shape its destiny. Especially is this true in a family of the temperament of the Twinings.

You do not ask what the result is of a policy of quality. There can be but one result possible—success to buyer and seller. The history of Afton Farm and its customers prove this fact.

Have not Afton Farm Mammoth Imperial Pekin Ducks, Single Comb White Leghorns, Barred Plymouth Rocks and White Wyandottes demonstrated their merit, measured by utility? No greater real intrinsic worth can be found in the products of any farm than those leaving Afton. If you want breeding stock, day-old chicks or hatching eggs you cannot do better than buy from Afton Farm.

FREE PLANS

Just as soon as the poultryman undertakes to brood any considerable number of chicks, the necessity of a systematic, time-saving method of handling them becomes apparent. Makeshift methods fail to give satisfaction, especially when chicks so handled come into competition with those brooded by the most advanced methods.

The up-to-date way provides for the brooding of all ages at one time under one roof, supplied with warmth from hot water heat, the healthiest known. In a properly constructed poultry house, practically all the work required is done from an alley, the brooders being placed at a convenient height. With adjustable covers, fractional degrees of temperature can be secured and baby chicks cooled according to the individual ideas of each operator. There is no checking of growth and the chicks develop stronger and sturdier than by any other method.

This whole subject of brooding, including building plans and all other details, is supplied free upon application to the Candee Incubator and Brooder Company, DeWitt, N. Y.

GREENWOOD FARM, LAKE MILLS, WISCONSIN

Greenwood Farm is called by its owner, G. E. Greenwood, the home of White Orpingtons of quality. The farms consist of fourteen acres of land and is situated on the shores of one of the most beautiful lakes in Wisconsin. There is a heavy growth of timber on the farm and the birds are allowed practically free range.

Mr. Greenwood has recently issued a mating list for the season of 1912 and is anxious to place it in the hands of all those desiring to purchase White Orpingtons. A card addressed as above, mentioning A. P. W., will secure it.

Oakland's Farm Famous Single Comb White Leghorns

Our Winnings

Have you seen the reports of our big winnings at all the large National 1911-1912 poultry shows where the S. C. White Leghorns were among the leading classes? Our birds won wherever shown and have established themselves as blue-ribbon winners.

Eggs For Hatching

We have now on our farm over 50 of the best pens of S. C. White Leghorns ever mated in this country. All our birds have been carefully selected, and will produce nothing but the best. Our egg production this season will surpass by 100 per cent., our best records of previous years. We are now prepared to furnish eggs from our special matings and from which we guarantee to replace every infertile egg. Our first, second and third prize pens are wonders, while our utility pens are of exceptional merit. Prices are moderate. Eighty-five per cent. fertility guaranteed. Send us your order to-day and become an Oakland booster.

Oakland's Poultry Farm
Trenton Junction, N.J.

WM. C. BOWMAN, Mgr.

Oakland's Farm Famous Single Comb White Leghorns

Baby Chicks

In booking your order for chicks with us you are sure of livable, healthy chicks—chicks with vitality and stamina to develop into vigorous prize winning cockerels and pullets—really profitable birds. We guarantee safe delivery and satisfaction to every purchaser. We can deliver from 100 to 10,000 chicks—for we have a modern plant of over a 150 acres, which is devoted exclusively to raising poultry and developing poultry industry.

Silver Penciled Rocks

S. C. Rhode Island Reds and White Guineas that have won first and seconds at Madison Square Garden, Grand Central Palace, Trenton, etc., 1911-1912. Choice stock, eggs and chicks for sale.

Don't place your order until you get our prices, guarantees, catalog and mating lists for 1912.

In answering, kindly use R. F. D. number as it saves time and delay.

R. F. D. 3.

Oakland's Poultry Farm
Trenton Junction, N.J.

WM. C. BOWMAN, Mgr.

POULTRY RAISING IN TEXAS

BUCKEYES AS AN ALL PURPOSE FOWL. RAISING POULTRY ON A CITY LOT

BY MRS. H. P. HINTON

The Buckeyes are a comparatively new breed and lay claim to great excellence, as it is stated that they combine both utility and fancy points. My experience with Buckeyes began six years ago, at which time I purchased eggs from the originator and find the breed to be all and even more than is claimed for them; they have exceeded all my fondest hopes and expectations from both utility and fancy standpoint. The longer I breed them the better I like them.

BUCKEYES REMARKABLY VIGOROUS

The Buckeyes show remarkable vigor, fertility and prolificacy. I have known pullets to begin laying at the age of five months and sit on their first litter of eggs, hatching every one of them. They are winter layers in every sense of the word; their small comb, abundant feathers and active temperament combined with the fact that they will not become over fat when fed an egg ration, makes their productiveness a sure thing. The eggs are a soft brown color and of good size. The market demands are fully met by a heavy carcass, containing an unusual amount of fine breast meat with yellow skin. They are a large fowl, yet they do not consume any more feed than a Leghorn; they will not gorge themselves though the food is before them all the time.

The originator's watchword has been utility all along, and excellent laying qualities combined with strength and vigor has given precedence over fine feathers. Yet relative to the fancy I wish to say that the Buckeye male is a beauty with his glossy red coat, broad breast and fearless eye. The females are a dark brown red instead of redish buff. Another valuable point in favor of the Buckeye as a fancy fowl is ability to produce its type, doing away with the expensive double mating system, as Buckeyes have the faculty of producing both sexes from the same mating true to the Standard. Their weight is, cock 9 lbs., cockerel 8 lbs., hen 6 lbs., pullet 5 lbs. Too much cannot be said in favor of the Buckeye. They are not affected by changes in the weather as most breeds are, and they will stand

more neglect than any fowl I ever saw, yet are very responsive to good treatment.

POULTRY RAISING ON A CITY LOT

There is more pleasure derived from a small bunch of fowl on a city lot than most any place one can raise them. Very fine specimens are frequently raised on these small lots, but greater care must be exercised to make a success as the fowls are wholly dependent upon their owner.

The plot of ground to be used must be divided so that fowls of different

WRITE FOR MY FREE BOOK "The Golden Egg"—tells how to get eggs now and all the year—gives facts about my BoneCutter—unlike others, it makes play of cutting fresh bone, gives you eggs and a paying poultry yard. HUMPHREY, Buff St. Factory, JOLIET, ILL.

EGGS

EXHIBITION

S. C. WHITE LEGHORNS

Winners Chicago, Cleveland, Ohio State Fair, Etc. At Bucyrus, December, 1911, won in a hot class of 79 (7 exhibitors), 1-2-3-4 cockerels, 1-2-3-4 hens, 1-2-3-4 cock, 1-3-4 pullets, 1-2 pens, and all specials, including \$25 Silver Cup for highest scoring male in show and three \$5 Gold Specials, over 1000 birds in show.

At Cleveland, 1912, our 1st prize hen (bred by us) won 5 specials, EGGS from our special exhibition matings containing our winners and best stock, \$5 per 15. Other choice fancy matings, \$1.50 for 15, \$4.50 for 50, \$8 for 100 (clear eggs replaced after April 1st.) Get our New Catalogue and Mating List Free, before buying.

P. R. PFOUTS, BUCYRUS, OHIO

BONFOEY'S WHITE ROCKS

WON AT BOSTON

First and fifth cock, first, second and fifth hen, third cockerel, first and fifth pullet. The \$100.00 Champion Challenge Cup for best male and all specials. Twelve years of line breeding and winning at America's best shows. Eggs and Baby Chicks. The quality kind.

Proof of Quality I send out.

BROOKSIDE POULTRY YARDS,
West Hartford, Conn.

Mr. L. C. Bonfoey,
Vernon, Conn.

Dear Sir:—

From the two settings of eggs bought of you I raised some very fine birds. One of the pullets won first prize at Madison Square Garden in December, 1907, and another won third at Boston in January, 1908.

With much appreciation of the value you have given me and with kind personal regard, I am,

Very truly yours,

GEORGE A. KELLOGG.

Circular Free.

L. C. BONFOEY,

Box A,

VERNON, CONN.

Onlya Farm White Wyandottes

after their great winnings during the season of 1911-12 are now mated up into 14 as good pens as any White Wyandotte breeder can show you. Write for mating list and get our winnings and prices of eggs and chicks. Our lowest price for chicks is 25 cents each, from good but later hatched stock than we have used in our regular matings. Address all letters to

CHAS. STAAFF, Mgr.,

Box B,

MORRISTOWN, N. J.

ages can be kept separate, and do not crowd for the sake of having a few more fowls. If this is done small undersized fowls will be the result and disease will creep in. While the farm-

ture poultry farm, yards, houses and everything so conveniently arranged and so clean, not a sick bird to be seen and many fine ones, good enough to trot out in fast company and win the blue. The houses were all small, about 4x8 ft., 3 ft. rear and 5½ ft. front with hinged roofs, which made them very convenient to clean. The cockerel run was off at one corner, then came the yards for the growing stock; this put the breeders off so that they were farthest away from the cockerels. This lady was raising four breeds and said she was making good money.

I visited another city lot plant and found things going on in much the same way only on a somewhat larger scale. This man had ¾ acre all under poultry fence and divided it into small runs not larger than 15x20 feet. He keeps a large variety of fancy poultry and is making a living and paying for his place with them. He devotes all of his time to his poultry and he raises only for the fancy trade. Many others are doing as well. I saw these little plants and talked with their owners. They love their fowls which is one reason of their unbounded success.

The work on a city lot plant is

somewhat heavier on account of everything being carried on on a smaller scale and more hard work has to be done, all yards must be spaded often, and I think it much better to follow the double yarding system even



MRS. H. P. HINTON,
Dallas, Tex.

ers and country people have the advantage of the city man, few of them utilize their advantage; it is the city man that makes most of every foot of ground, and the city lot man produces many fine exhibition birds for the simple reason that he knows his birds cannot rustle for anything and, therefore, he does not neglect them as one sometimes would do if they were on an abundance of free range. Plenty of range is fine to have and birds can be raised with less expense than in close confinement, yet that is no reason why the city lot fancier cannot raise just as good, if not as many birds. I know of several ladies in our city that are making a success of poultry on a city lot. I visited one not long ago and it was a mode minia-



More than half your poultry troubles are caused by not properly protecting their drinking water from the contamination of the chickens themselves. You can end all your water troubles by equipping your poultry yards with

Moe's Top-Fill Drinking Fountain

It always supplies just enough pure water—won't stop over—dead air space keeps water COOL IN SUMMER, WARM IN WINTER. Simple in construction—just remove cover and fill from top—water ceases to flow when cover is removed—no valves to get out of order. One gallon capacity. If not at your dealers, sent direct on receipt of price, \$1.25. Satisfaction guaranteed.

OTIS & MOE, 524 S. Dearborn St., Chicago

WHITE ORPINGTONS BUFF

Winners at leading shows. At the Big Catskill Show we won 6 Ribbons including 3 Firsts. Unexcelled layers. Fine stock for sale. Eggs from best pens \$3 and \$5 per setting. Send For Mating List. Address

APPLECROFT FARM, Roland Davis, Manager, NEW BALTIMORE, N. Y.

GABRIEL'S "RAVEN BLACK" Strain of MINORCAS

Have been line bred to attain the True Shape for great egg production. The result is those great big white eggs in great quantities. Eggs for sale \$3 and \$5 per 15.

FRED C. GABRIEL, SOUTH BEND, IND.

CRYSTAL WHITE ORPINGTONS EXCLUSIVE Kellerstrass Strain

Breeding stock bought direct. 10 Firsts, 5 Seconds 4 Thirds in 4 shows:—Grand Rapids, Lansing, Grand Ledge and Wacousta, Mich., Dec. 1911, Jan. 1912. 5 Pens Now Mated include the winners of 10 Firsts, 5 Seconds and 4 Thirds in 4 shows. This alone tells you the quality of birds my pens contain. Pens are all evenly mated to give the best results to purchasers of eggs, and while our breeders are as good as any one has. Our Prices for eggs are very low. Mating lists now ready, write for one. Egg prices:—Pen No. 1, 15 Eggs for \$10, Pen No. 1, 8 Eggs for \$5, Pen No. 2, 15 Eggs for \$5, Pens 3 and 4, 15 Eggs \$3. Utility at \$9 per 100 Eggs. \$5 for 50 Eggs. 10 splendid big Cockerels at \$5 each.

D. D. SHANE, GRAND LEDGE, MICH.

WHITE WYANDOTTES THE MORLEY S. C. Rhode Island Reds FARMS 10 Mated Pens

25 Mated Pens

DAY-OLD CHICKS

EGGS FOR HATCHING

Exhibition Quality, Heavy Layers, Wonderful Vitality. We use none but high scoring Standard birds in our breeding pens. Grown on Free Farm Range. Housed in Fresh Air, Open Front Poultry Houses. PRICES:—Day-Old Chicks, \$18, \$20, \$25 and \$30 per hundred. Eggs for Hatching, \$2, \$3, and \$5 per setting. Eggs from special mating \$15 per hundred. Incubator eggs from splendid utility pens \$7.50 per hundred. We guarantee the safe arrival in good healthy condition, every Baby Chick ordered. We replace all infertile eggs. We present an opportunity to secure exhibition stock of unexcelled vigor and great laying qualities at alluring figures. Visitors always welcome. Address

The Morley Farms,

Amsterdam, N. Y.

if runs have to be small, as this gives an opportunity to grow a crop of something on the ground which purifies it and kills all disease germs.

All houses and coops must be sprayed often to keep everything in a sanitary condition. Fruit trees may be planted to provide shade and at the same time a crop of fruit. Grape vines can be planted along the fences and trained high so the fowls will not get all the fruit and what is left is just so much gain.

The feeding problem does not differ materially from that on a roomier plant, though fowls in close confinement must be fed all whole and cracked grains in very deep litter to induce exercise, as their yards being small they will not run around much and are apt to get dumpish and off feed unless made to work for it. Green food of some kind cannot be overlooked. Where fowls are kept in close confinement it is necessary that it be supplied in some form, sprouted oats being the best and the cheapest, the next best is steamed alfalfa. Best results cannot be obtained unless green food is given in some form.

WONDERFUL RECORD MADE BY "ROYAL REDS"

During the show season of 1912, F. E. Harrison of Menominee, Mich., has shown at Chicago, Wisconsin State and the great Michigan State round-up show at Detroit, as well as exhibiting at the last Milwaukee Show, 1911, and out of a possible twenty firsts at these four great shows, his birds won fourteen firsts, which is a most remarkable feat for any strain of poultry to accomplish.

At the great Detroit Show which closed January 31st, he won first, second, third, fourth and fifth cockerel; first, second, third and fourth hen; second, third and fifth pullet; first cock and first pen, and was awarded a beautiful bronze medal for best pen and cup for best display, besides winning all shape and color specials as offered by the Rhode Island Red Club of America and a diploma from the American Poultry Association for the best cockerel in the class.

At the Wisconsin State Show which closed January 16, 1912; he won first, second, third, fourth and fifth pullet; first, second and fifth cockerel; first, second, third and fifth hen; first, third and fifth cock; and first, third and fifth pen; gold special for the high scoring parti-colored pen in the show; American Poultry Association diploma for best cockerel in the class; gold special for best display, and all shape and color specials offered by the Rhode Island Red Club of America.

At the great Chicago Show in December, on a small entry, Mr. Harrison's Royal Reds won three out of a possible five prizes on cockerels; they being second, fourth and fifth, besides winning second pullet and fifth hen.

At Milwaukee he won first cock, first cockerel, first pen, first pullet, first hen, besides winning seven more regular prizes at this show. Mr. Harrison writes that he has seventeen pens mated up for the season of 1912, and is in a position to furnish eggs that will produce winners for the 1912-13 shows.

Write him for free circular, which is free for the asking by mentioning this paper.

Address F. E. Harrison, Box A, Menominee, Mich.

HENS THAT LAY TWO HUNDRED EGGS A YEAR

Yes—the hen that lays two hundred eggs per year is bound to come. With thousands of minds in every state striving for this goal, the accomplishment is only a matter of time. Many factors will contribute to the result, such as proper breeding, feeding, housing, and general care of the fowls. Just a word on housing and general care. It is a foregone conclusion that no hen will lay two hundred eggs or even one hundred eggs per year if not kept scrupulously clean from lice and mites, and housed in buildings where these pests are unknown. Lice impair the health of chickens, cause loss of weight, lower the egg production, and detract from their appearance. In short, every lousy hen is losing money for you instead of being a profit maker. There is one thing to do and this is get rid of the lice permanently. "That is more easily said than done", may be the reply, but there is actually such a thing as keeping a hen-house permanently clean of lice, and that without much cost or trouble. To convince yourself just obtain a quantity of Avenarius Carbolineum at the nearest source of supply, probably your local hardwareman or druggist. Apply this liquid with a brush or sprayer to the nest boxes, perches, perch supports, and if possible

to the wood work of the walls and ceilings. It is a material that will be readily absorbed by the wood and soon leave a dry surface, but still always present in the wood structure. It is strongly antiseptic but not poisonous, therefore can be used without risk. Keep your hen-house well ventilated and clean, as lice and mites thrive best in the dark, filthy places. This preparation is especially effective against red mites, which can no longer find a lodging place in the cracks and crevices after the material has been applied. Address Carbolineum Company, 190 Franklin Street, New York, and request Bulletin 33, in which the habits of lice, and how to get rid of the pests is fully explained.

CARTER'S PARAGON HOUDANS

Joseph F. Carter, Elmira, N. Y., breeder of Houdans, has issued a neat and interesting little booklet describing his favorites. It is embellished with numerous illustrations of his stock and scenes about his plant and consists of twelve pages.

The Houdan seems to be on the upward boom and Mr. Carter has found it necessary to greatly increase his facilities for the coming season. He is in position to quickly fill all orders and would be pleased to hear from A. P. W. readers.

BUFF WYANDOTTES "GOLDEN GLOW" STRAIN.

1st, 2nd, and 3rd Madison Square Winners head my breeding pens. THEODORE S. HEWKE, MIDDLETOWN, N. Y.

"CRETACEOUS" WHITE WYANDOTTES At Cleveland, Ohio, 1912, won 1st Pen, no single entries made. 100 head of stock of equal quality for sale at reasonable prices. Book your orders now for Eggs and Day-Old Chicks. Eggs at \$1.00, \$3.00 and \$5.00 per 15. Day-Old Chicks 10c, 20c and 30c each. My Mating No. 1 will consist of the above mentioned pen. White Indian Runner Duck Eggs \$4.00 per 12. W. R. SHEPARD. L. Box 643, WELLINGTON, OHIO

SINGLE COMB RHODE ISLAND REDS

VICTORY STRAIN

My Reds closely approach Standard in both shape and color. My winnings at Bloomsburg and Sunbury demonstrated the quality of my strain. At the latter show I won 4 ribbons on 6 entries—3 Cock, 3 Cockerel, 3-5 Pullet. My first pullet at Bloomsburg was perfection in type and color. Mating List Free.

C. L. HAWBECKER,

BLOOMSBURG, PA.

And Again Fairview White Rocks Win

At Indianapolis and Louisville as follows: At Louisville, January, 1912, four firsts, four seconds, four thirds, two fourths, two fifths and specials for the best cockerel and best pullet in the show. At Indianapolis, in a class of nearly 100 of the best ever brought together, including a number of the so called "Best in the World" Strain, 1st and 2nd cock, 1st and 2nd cockerel, 1st and 3rd hen, 3rd pullet and 1st pen. Send two red stamps for illustrated catalogue or write postal for mating list and booklet telling of my winnings.

GUY DAILY,

Box G,

JEFFERSONVILLE, IND.

WHITE ORPINGTONS

"OF THE BETTER SORT"

ARE WHITE AND STAY WHITE

Get Right. That means White. The yellow, brassy White Orpington is out of date. Send for our White booklet, it contains some boiled down facts and sound reasoning.

IT'S FREE.

MOUNTAIN VIEW FARM,

E. A. Haring, Proprietor,

R. F. D.,

South Kent, Conn.

You Owe It To Yourself

To carefully investigate before placing your order for those eggs and chicks, Banded Rocks, S. C. R. I. Reds, S. C. White Leghorns. Get "Crystal Spring" Strain, they lay when eggs pay. All birds reared on farm range and housed in open front houses. In price and quality we can give you unequalled value. Catalogue Free.

CRYSTAL SPRING FARM,

C. B. Snavely, Mgr.

LITITZ, PA.

COLORADO FANCIERS' ASSOCIATION

The 12th annual exhibition of the Colorado Poultry Fanciers' Association which was held in the Auditorium of Denver, Jan. 8th to 13th, proved to be the great champion of the Rocky Mountain region, there being over 1,200 entries, which included every known and some unknown fowls, also pet stock in quantities.

Breeders of this territory have felt a renewed interest in poultry culture since the American Poultry Association convention, which was held in this city last August, and it is safe to predict that a new era has dawned for poultry culture in Colorado. An abundance of evidence of which is shown by the large attendance at poultry shows and the intense interest manifested in pure blooded stock.

That such a large exhibition should be penned, arranged and cared for without friction, loss of time or temper is entirely due to the efficient personal efforts on the part of the officers, Mr. Frank Palor, manager, Clem C. Hunter, assistant manager, R. E. Crandall, superintendent, and last but not least, the courteous and gentlemanly assistance rendered by the Auditorium employes. Mr. Crandall proved himself to be a pastmaster in the art of handling a show, as the week passed smoothly and successfully off, there being no delays, no mixup of entries or complaints, which will prove a strong recommendation for the show another season.

Pet stock had eighteen exhibitors, which included pigeons, rabbits, guineas, etc. Judging a show of such size and importance where competi-

tion is keen and scores close, requires the services of men who have had years of experience at other and larger shows, and such talent was secured by engaging the services of Judge Hemenway of South Haven, Mich., and Judge N. W. Kauble of Palisades, Colo., who went through the different classes with dispatch and satisfaction to all concerned, the awards all being posted several days before the close of the show. Any award of the Auditorium show is a valuable asset to any exhibitor or breeder, such facts becoming better appreciated each year, and space forbids giving a detail description of the winners in each class, for they were super-excellent, the writer never having had the pleasure before of having seen such a magnificent collection of poultry in this state. But to close without describing the first bird of the show would be an injustice to the exhibition.

Colorado Queen, a White Wyandotte hen, scoring 96½, was a most beautiful lady of two years, perfect in shape,



FIRST and SPECIAL WHITE WYANDOTTE PULLET
at the GREAT HAGERSTOWN FAIR of 1911
Bred by
ONLYA FARM.....Morristown, N. J.

The above illustration does not do justice to Onlya Farm's winning pullet at the Grand Central Palace Show. She was extremely promising in type and possessed all of the desired Wyandotte characteristics, including a round, full breast, nice cushion and good breadth throughout. Her color was about perfect.—Wm. C. Denny.

Grannis Brothers

BUFF, WHITE, BLACK

ORPINGTONS

Eggs and Baby Chicks



For the coming season we have mated up 65 pens of the three varieties of S. C. Orpingtons, White, Buff, Black. The principles of line-breeding have been closely followed, along with strict adherence to the ideal in color, type and size. We have kept before ourselves, first last and all the time, as of the greatest importance, the necessity of selecting for HEALTH, VIGOR and LAYING QUALITIES. As all our Orpingtons are farm-bred, and were reared in fields and orchards, and as we have always housed our birds in fresh-air houses, we have attained a supremacy for our stock, in the matter of HEALTH and VIGOR, that simply cannot be excelled.

If it means anything to you to buy Eggs from Orpingtons of as splendid quality as can be found anywhere from stock that has won

238 Prizes

in two seasons; stock in which there is an abundance of health, vigor and laying qualities, mated scientifically to

produce the best results; if it means anything to you to buy Baby Chicks from eggs produced by such stock, and hatched by a system which experience has proved to us will hatch the healthiest and sturdiest chicks that can be hatched, by all means send for our CATALOGUE.

This catalogue contains numerous illustrations of our SENSATIONAL ORPINGTONS, of several of our houses, of scenes around our farm, showing woods, fields and orchards used for the rearing of our young stock, prices on Eggs, Chicks, Stock, besides other valuable information.

Write at once for a free copy.

The demand for Eggs and Baby Chicks the coming season, will be enormous. We therefore urge intending customers to book their orders early. We pack both Eggs and Chicks in the most substantial manner, so that there is no danger of chilling even in the coldest weather.

A limited number of Cockerels, Hens and Pullets are for sale. Write for prices.

GRANNIS BROS,

R. F. D. 14, La Grangeville, Dutchess County, N. Y.

dressed in the whitest costume Judge Hemenway had ever seen, (and he looks at the ladies) proud of her daughter who scored only one point below her. She attracted a great deal of attention. Pangs of defeat are soon forgotten, especially coming so closely upon the breeding season, and every one left the show more fully determined that the results of this season's breeding will place them amongst the winners at the next show.

THE ILLINOIS POULTRY FANCIERS' ASSOCIATION

The Sixth Annual Exhibition of the Illinois Poultry Fanciers' Association was held in Battery "C" Armory, Waukegan, Ill., Jan. 8th to 14th. This show is an established institution with a splendid record, which was excelled this year in the number of entries and quality of the exhibits.

The management of this association can always be depended on to present an "up to the minute" exhibition, and have added another tally to their former score of success by the purchase of new Empire cooping. This is a step in advance of the largest shows in the country.

The exhibitors were pleased with the perfect organization which was everywhere apparent. The cages were in place ready for the birds the moment the show room was open, coop numbers all up, entries checked, caged, fed and watered as fast as they were brought in by the express companies.

The judging was by comparison. C. S. Byers and Herman Rinkoff placed the awards, and their work was highly complimented and gave general satisfaction. Upwards of 1,100 entries were caged. High quality was shown in most of the classes. The Orpingtons, Reds, Rocks, Wyandottes and Mediterraneans particularly strong both in number and quality.

SUNSWICK ORPINGTONS

Among the Orpington breeders of America none enjoys a better reputa-

tion as a breeder and business man than Rufus Delafield, owner of Sunswick Poultry Farm, South Plainfield, N. J. Mr. Delafield is an Orpington enthusiast, and was one of the largest importers of this famous English breed into this country, bringing over the best blood money could purchase. But Mr. Delafield is now breeding only home bred stock, in order to keep his blood lines intact. He has gradually built up his Buff, White and Black Orpingtons, so that they run quite uniform in type and color, the percentage of high class exhibition specimens hatched having increased greatly each succeeding year.

The "Sunswick Poultry Farm Mating List for 1912" clearly and fully explains the careful methods pursued by Mr. Delafield in selecting his breeding stock; it also gives the remarkable list of winnings made by Sunswick Orpingtons at America's greatest shows in the past five years. In addition to Orpingtons Mr. Delafield breeds two great novelties, the Buff and the Blue Orpington Ducks, from which he will offer limited number of eggs for sale this season. His catalog is free to all readers of AMERICAN POULTRY WORLD who will send their address to Sunswick Poultry Farm, South Plainfield, New Jersey.

SPENCE SILVER WYANDOTTES

Among the breeders of Silver Wyandottes who have stuck to the characteristic type of the Wyandotte is George W. Spence, proprietor of Twin Brothers Poultry Yards, Tully, N. Y. Mr. Spence is a very careful breeder, who in using trap-nests has succeeded in building up a fine laying strain, believing that for fancy and utility, no variety equals the Silver Wyandottes. He issues a neat little folder which gives a record of the winnings of his Silvers and the description of the pens he has mated up for the coming season. Breeders desiring high-class Silver Wyandotte baby chicks should send for this booklet.


BUFF ROCKS—KERLIN'S EVERGOLD STRAIN

Pittsburg exhibition show, 1st hen and 2nd pen, two entries. 1st cockerel, Allentown Fair, best hen in show, Pottstown, 2 pens; Philadelphia, special pen. \$5.00 Eggs.

KERLIN FARM,

R. F. D. 2.

POTTSTOWN, PA.



Get Your Chicks Over the Danger Line

Feed them the latest improved Feed—the kind that's steam-cooked; easily digested by weak, tiny chicks. Start them right with the

H-O Steam-Cooked Chick Feed

Makes bone and insures healthy chicks; reduces mortality; a wonderful help through those first few weeks of feeding.

H-O Poultry Feed, Scratching Feed, Poultry Mash—all produce results that show a wonderful credit to the H-O Feeds.

If your dealer does not keep them, write us.

JOHN J. CAMPBELL
Gen. Sales Agt., Hartford, Conn.
THE H-O COMPANY, BUFFALO, N. Y.

FISKE'S WHITE LEGHORNS

Win Anywhere

Best Displays at Chicago and Boston, 1911 and 1912. Best Displays at Buffalo and Boston in 1911. We will sell a few setting eggs at \$1.00 each from our best 5 pens, you take the same chance as we do, no other eggs for sale. We breed our winners, and we can for you. Send for mating list.

SKYLANDS FARM,

Harlo J. Fiske, Manager,

Sterlington, N. Y.

PRACTICAL POULTRY POINTERS

WM. A. WOLFORD

This is the beginning of the season of dealings in eggs for hatching and day old chicks. Many new recruits to the ranks of the rapidly growing industry will be added during the next few months. Many of these have never kept a chicken of any description, but have for a long time harbored a desire to become possessed of a few of the feathered beauties. Their tastes as to breed is as varied as the number of breeds and varieties. Some have a fancy for one variety, some for another, and so on. It is the same old story repeated every season with the exception, that each season adds an increased fervor.

Some will select the egg route, others the baby chicks, for their entrance into the fancy. The degree of success met by each individual will depend entirely on the individual alone. Some seem peculiarly adapted to the successful management of fowls, while others are just the opposite. Many in their anxiety to have their first venture a success, overstep the one great essential, common sense, and by fuss and worry kill the helpless little fellows with kindness.

It should be borne in mind that when the chick makes his advent into this world, that nature had supplied it with sufficient nourishment to meet all requirements in this direction for the first seventy-two hours. That is, when the chick leaves the shell, if it be a well matured and healthy chick, it is fortified against starvation, with an abundant supply of nourishment, in the form of the yolk of the eggs from which it was hatched. Nature by a method peculiar to herself, has allowed the yolk to remain intact during the entire process of incubation, and then just before the exclusion of the chick, this is taken into its abdomen. The truth of this may be verified by any novice or those whom we may term skeptics, by a post-mortem examination of a chick that gives up the struggle the first day or two. If the examination is made upon a chick just hatched, very little difference or change will be noted in the appearance of the yolk with the exception of the net work of fine veins, with which it has been supplied by the process of incubation, otherwise in form and size very little change will be noted.

The presence of the yolk, in the abdomen of the newly hatched chick, is the strongest argument presentable why we should refrain from feeding

the little fellows for the first two or three days. It is perfectly natural for the little fellows to hustle around and pick at small objects that appeal to the eye, but if we allow them food as soon as hatched, it is only to invite disaster, and complications are sure to follow that will somewhat dampen our ardor in regard to poultry raising.

The safe way is to withhold food for at least forty-eight hours to give them a chance to properly absorb and assimilate the yolk, then give them a little fine grit and a little water with

the chill removed, after which they may be fed sparingly at frequent intervals, always exercising care that their apparent hunger is not quite satisfied.

Pin head oat meal, rolled oats, stale bread, moistened with milk or some brand of the various chick food on the market, may be used for the first few days with success. After a few days a dish of dry mash composed of bran, corn meal and middlings, equal parts, may be placed before them in shallow dishes, and later on a small percentage of good fresh beef scraps of fine grade may be added to the mash with good results; occasionally a few lettuce leaves or sprouted oats for green food will be found advantageous. If this method is followed and the quantities increased as the attendant, of good

MERIHEW'S BUFF LEGHORNS Won five regular and special prizes at Madison Square, 1911. Won more prizes at N. Y. State Fair the past year than any other exhibitor. Eggs, \$5.00 per 15; \$6.00 per 100. Grand breeders for sale. Write for mating list.

L. E. MERIHEW,

MARATHON, N. Y.

SILVER WYANDOTTES Two hens and 5th pullet at Madison Square Garden 1911; 3rd hen and 2nd pullet at Boston Club Show 1911, on four females entered at two shows. Also 5th hen and 4th pen in Chicago. This shows the quality of our birds. Choice exclusive pullets \$5. Cockerels \$3 up. Eggs \$5 and \$3 for 15.

CLARE E. HOFFMAN,

SOUTH SIDE, ALLEGAN, MICHIGAN

SUNSET BUFF ORPINGTONS Bred from heavy, winter laying strain Thirty grand pullets for sale at let live prices. For a square deal and big value for your dollars send your orders to

SUNSET POULTRY YARDS,

Eggs \$2.00 per setting—3 settings for \$5.00.

CHURCHVILLE, N. Y.

BUFF WYANDOTTES

"LORD STRAIN" THE BEST IN THE WORLD

At the American Buff Wyandotte Club meeting just held at the New Grand Central Palace, New York, Dec. 5-9, 1911, in the largest class of Buff Wyandottes ever shown, consisting of 210 birds and 38 exhibitors from all over the U. S. I won as follows:

1st & 3rd Cock, 1st & 2nd Hen, 1st Cockerel and 1st, 3rd Pullet

I also won 14 out of the 18 specials offered by the club. Send for Egg Circular.

W. T. LORD,

TROY, N. Y.

ROSE AND SINGLE COMB R. I. REDS

At the Big Boston Show in competition with the World's Best, we again are among the leading winners. Our S. C. winners are direct descendants of our champion cockerel that won 1st at Madison Square in 1909-10 and at Boston, 1910. Our Rose Comb winners are all closely related to the Great Sensation. We sell day-old chicks from our best matings at 50 cents and 75 cents and one dollar each reduced prices by the 50, 100 or 1,000. Eggs \$5, \$10, and \$15 per 15, express prepaid on all egg orders in Canada or United States. Send for handsome catalogue. Address

WHITE BIRCH POULTRY FARM,

Box 186,

W. H. Withington, Mgr.

Bridgewater, Mass.

BYERS STRAIN ORPINGTONS *Buff, Black & Pearl White*

I am advertising no \$1000 birds, although I have them if any breeder has them. Any time better birds are bred and sold, Byers will breed and sell them. Hundreds of Birds for sale. Exceptional values to offer yet in \$25, \$50 and \$75 pens. Plenty single birds. Eggs from choicest Matings possible, \$15 per 15, \$75 per 100. Other special matings, \$10 and \$5 per 15, or \$50 and \$25 per 100. All infertile eggs replaced FREE. Wire me if in hurry for birds or eggs.

C. S. BYERS,

One Breed Bred Right,

HAZELRIGG, IND

ORPINGTON SPECIALIST 14 YEARS.

judgment, thinks the demands require, very little trouble should be experienced in securing the proper development of any brood of chicks that are endowed with the necessary stamina and vigor.

No method has ever been devised that will successfully rear chicks produced from weak and inferior stock. The breeding pen is the beginning of the chick's life, if health, stamina and vigor are lacking here it is not reasonable to expect it to be present in the chick.

You would not give a carpenter dull tools and poor material and expect him to do a high class job. You cannot expect satisfactory results from an inferior breeding pen; if one essential is lacking, the chances are ten to one that it will be greatly magnified in the chick.

—0—

We receive many letters from our readers asking questions on various phases of poultry culture. One of the most interesting of these is printed herewith:

Editor American Poultry World:

To a flock composed of the following breeds: Nine white Wyandotte pullets; two Barred Rock pullets; one Mongrel; three R. I. Red pullets; one old R. I. hen; one W. Wyandotte cockerel. All hatched May 16th, '11, and feed the following ration:

Dry Mash:—32 parts corn meal, 30 parts meat meal, 30 parts ground alfalfa. Compounded by measure, kept in hoppers and before flock at all times. Also charcoal, grit and oyster shells.

They do not eat very much of the dry mash, possibly enough to balance the ration.

In the morning a feed of about a quart of either scalded soaked oats, or slightly sprouted oats, with a little mixed grains, is scattered in litter.

At noon a slight amount of table scraps with either sprouted oats or some other green feed, such as cabbage or kale, not to exceed a quart including everything.

About 4 or 4:30 two handfuls of mixed grains are fed to each fowl, which usually show their crops well filled at roost time. The grain is thrown in litter and they appear to clean it up well.

The scratch feed is composed of cracked corn, kaffir corn, buckwheat, wheat, oats, sunflower seed and small amount of charcoal. I think the analysis is supposed to be as follows:

Protein	10.	per cent.
Fat	2.5	per cent.
Carbohydrates	60.0	per cent.
Crude Fibre	5.0	per cent.
Charcoal	1.0	per cent.

The egg record beginning December 11th, 1911, was started with Nos. 1 and 2 White Wyandottes, which had been laying since the 16th of Nov. and has been accurately kept to include January 31, 1912. The average for the 52 days shows 10 eggs per day or 520 eggs. There has been a steady increase each week, the highest they have ever gone is 14 per day, which often happens when the weather is real cold (near zero.)

Will you kindly tell me if the egg returns are good enough, and whether any improvement can be made in handling the flock? May also state that I have been fighting colds and chicken pox for the past two months, but have lost none of the flock. Some

slight eggbound condition with one or two pullets. Have used carbolated vaseline for chicken pox and permanganate of potash in drinking water for colds, also a few drops of kerosene in water occasionally.

As this is my first question, trust you will pardon its length.

Yours truly,

Washington, D. C.

In the above communication the subscriber describes his flock, how

Stetson's Sterling

ANCONAS

Winning 1st at Madison Square Garden guarantee our stock, Winter layers of large white eggs. Settings \$2 to \$15. Prices right, Quality unexcelled.

STETSON'S FARMS, Room 511, 43 Cedar St., NEW YORK CITY

SANBORN BUFF WYANDOTTES

Blue Ribbon Winners at New York and Boston.
At Boston Show, 1912, won 1st hen, best color and shape female, 2nd pen, 1st prize males at Boston, New York and Washington, head four matings. Circular and prices.

DR. N. W. SANBORN,
R. F. D. No. 224,
HOLDEN, MASS.

IMPORTED S. C. BUFF ORPINGTONS

Bred for size, type, eggs and exhibition. My birds are solid Buff, I won 1st, 2nd and specials also 2 silver cups in the last year including the Ohio State Show, 1912, more than all competitors combined. Write for mating list and price of stock.

C. N. DARST,
JACKSONVILLE, OHIO

BRED TO WIN Phelp's White Rocks BRED TO LAY

At Chicago, December 14-19, I won 4th cock in a class of 29. At Indianapolis, I won 1st, 4th and 5th pullet and 3rd cock. My White Rocks have been winning for the past 15 years at the leading shows and have never been beaten. A few choice cockerels for sale at living prices.

EGGS from four grand pens. Pens 1 and 2 \$10 per 15. Pens 3 and 4 \$5 per 15. No one can sell you better. Write

FRED J. PHELPS,
10 Years with White Rocks
BUCYRUS, OHIO

REDS

ROSE EGGS and BABY CHICKS

3 Silver cups, 17 firsts, 21 seconds, 32 thirds, and a whole bushel of 4th and 5th, 11 shape, 12 color and lots other specials, including International Champion Female, at the last Madison Square, Buffalo, Rochester, Toronto, New York State Fair and Geneseo. Dutch Hugo knows how to get that rich, red color. Fine Catalogue free.

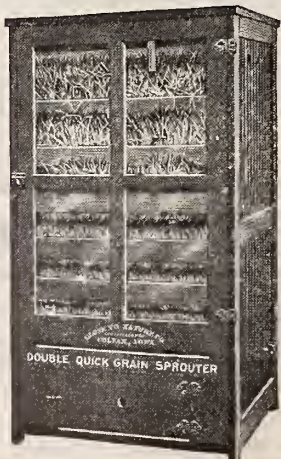
E. E. Doty Hugo Freese
ORIGINATORS OF
D. & F. STRAIN ROCK CREEK FARM, Route 2, GENESEO, N. Y.

COX'S NEW YORK WINNING SINGLE COMB

BUFF LEGHORNS

The A. B. C. Strain has Type, Size and Color, that has been a prominent winner at Madison Square Garden, New York, the New York State Fair, Rochester, Buffalo, etc. Quality is the word, and if you want such write me for mating list and prices. Grand breeders properly mated for sale. Eggs for hatching from selected matings. None better and perfect satisfaction assured.

A. B. Cox, 49 Thurston Road, Rochester, N. Y.



DOUBLE QUICK GRAIN SPROUTER

The only machine now used in connection with the poultry industry that Pays a Profit Twelve Months in the Year. Makes two to four bushels of Feed from every bushel of dry grain—not only the cheapest feed but one of the very best. Grows feed night and day, winter or summer.

The Double Quick is double wall with insulated wooden walls outside and moisture-tight metal chamber inside. Heat retaining, automatic moisture producing, easily operated and scientifically constructed to sprout and grow clean grains into sweet, crisp sprouts with nothing but clean water and the lamp heat.

The Double Quick is now used on many of the best known farms in this country, such as Afton Farms, Onlya Farm, Ideal Farm, Wyckoff Leghorn Farm, Model Farm, Failing Farm, Belmont Farm, Warwood Farm, Altamont Farm, Cedar Lawn Farm, etc., etc.

Made in five sizes from a few hens to 600. Full information free.

CLOSE-TO-NATURE CO.

48 Front Street,
COLFAX, IOWA

and what he feeds and the results obtained. He states that from Dec. 11, 1911, to Jan. 31, 1912, a period of fifty-two days, that he received a total of 520 eggs or an average production of 62½ per cent., and this at a season of the year when we must admit that high egg records are the exception and not the rule. Then he asks if we can advise how he may increase the egg production or if we can suggest any improvement in his methods. We are frank to state that any method that will show results obtained in this case at the season stated, are beyond us to criticise, and going still further will say that if we were able to advise how a poultryman could secure an egg production better than 62½ per cent. at the season stated, we would give up all other aims in life and devote our whole time to teaching those who were able to hand over a generous fee, for the information, how such results could be obtained.

We are willing to wager that in a short space of time, that all other systems would look like a western ranch house after the passing of a cyclone, and we would be riding from farm to farm in an imported touring car and "Teddy's" accomplishments in Africa would not make passing comment as compared with our achievements in handing out tips on how to produce exceptional results in the production of eggs.

"AMERICAN BEAUTY" STRAIN OF REDS

The 1912 Catalogue issued by Kaufmann & Windheim, originators and breeders of their world famous "American Beauty" Strain of Rose Comb Rhode Island Reds, is one of the largest and most pretentious publications ever sent out by a poultry breeder or firm. Although the number of pages is but forty, each page is 12x9 inches in size, and twenty illustrations occupy full

pages each, which adds wonderfully to the attractiveness of this unique book, the views of Faufmann & Windheim's poultry farm and the interior of the buildings being faithfully reproduced from photographs. The many beautiful illustrations of the winning Rose Comb Reds bred by this noted firm, are by Arthur O. Schilling, who is thoroughly at home when posing and photographing Rhode Island Reds. He knows how to bring out the shape and style of the males and females most successfully. In the last year, Kaufmann & Windheim's Rose Comb Rhode Island Reds won more firsts than all other Rose Comb Rhode Island Red breeders combined at the Madison Square Garden Show, New York City. This is an unequalled record. Readers of A. P. W. who breed Reds should send for this catalog.

GUY DAILY

Guy Daily of Jeffersonville, Indiana, has been making a remarkable record in the show room the past fall and winter with his Fairview White Rocks.

At the Indiana, Kentucky and Tri-State Fair at Memphis he won 23 ribbons on 32 entries. At Memphis the prize for the best cock bird in the show went to him. Recently at the Kentucky State Show, in strong competition, won 4 firsts, 4 seconds and 4 thirds. Then comes his fine winnings at Chicago and the recent Indianapolis shows. Write for his catalog always mentioning Box "G."

BUFF ROCKS

BLUE RIBBON STRAIN

Michener's *Buff Rocks* won at the State Show, Columbus, 1912, in a class of 95 birds, on nine entries, 1-5 cockerel, 1-5 pullet, 2-4 cock, 3-4 hen, 1st pen (7 pens competing). State Meet of Buff Rock Club, won Club Cup. Seven grand pens mated for the egg trade. Mating list free. 13 years experience in Buff Rocks.

KARL MICHENER,

Box W, ORRVILLE, OHIO

S. & R. C. BLACK MINORCAS

6 Firsts out of 7 competed for at Savannah, Ga. and Palace Show, New York, this season. Best blood lines in the world. Great layers of Big White eggs. Write to-day for my free mating list. I can ship eggs promptly.

HAROLD W. GOULD, Box W, LAKE GROVE, NEW YORK
Member American Black Minorca Club

ORPINGTONS--S. C. BLACK AND WHITE

SUPERB STRAINS:—RAISED ON SEPARATE FARMS

If you want to get in the King Row get some of our stock or eggs. Our birds are winners wherever shown. At the Great Cleveland Show we won 1st and 3rd cockerel in a class of 23; also winning the A. P. A. grand prize Silver Medal for best cockerel in American, Asiatic, Mediterranean and English classes. It takes quality to win at a show like Cleveland. We have it. Write for mating list and egg price. Stock for sale, prices reasonable.

STAUFFER BROS., R. D. BOX 108, APPLE CREEK, OHIO

Quality Reds Rose Comb Only

Our Reds still keep on winning. At the Ohio State Show, Columbus, Ohio, Jan. 16-20, won 1st cockerel, 1st hen, 1st pen on 4 entries. Why not get some eggs from those winners; \$3.00, \$5.00 and \$10.00 per 15. Fertility Guaranteed. Order from this ad.

L. L. NOLL, Life Member A. P. A., MARION, OHIO

SEVENTY MATINGS FOR 1912

If you should want to get a reasonable start, you should write us for prices and description of stock we have for sale. We can, and will save you considerable, if you want Banded Plymouth Rocks, White, Buff and Partridge Wyandottes, Rhode Island Reds, and S. C. White Leghorns. We would sell our Partridge Wyandottes without reserve.

Do you know at the state show, Columbus, Ohio, Jan 15-20, 1912, on White Wyandottes, we won 1st pen, 1st hen, 2nd and 4th cockerel, 2nd pullet, and 5th cock, and the 1st prize pullet was hatched and raised from a \$5.00 setting of eggs we sold. Remember this was a quality show, and they all were there.

Note what Judge Drevenstedt said in his write-up of the Columbus Show, in January A. P. W.—"Wyandottes—excellent classes through out. The whites being the largest class. The first hen was a beauty in shape, having a solid cobby build, plenty of length of body and back, with a nice white plumage that fills smoothly in all sections."

As a note compliment on Buff Wyandottes. "Buff Wyandottes, fine classes, notably great, being the first prize Buff Wyandotte cockerel shown by the Hartman Stock Farm. A beautiful bird in form with a very neat comb and head, and one of the most typical Wyandottes in shape in show, and the best Wyandotte male in this respect we have handled this season."

Why can't we give you quality? All we ask is a chance. At the same show we were awarded the champion ribbon for the best male in the Mediterranean class on White Leghorn Cockerel, and he was also awarded first pen in Mediterranean class, all varieties competing. Also first pen on S. C. White Leghorns, and many others that space will not permit us to mention.

We still have a lot of good breeders to spare,—birds that will breed you show stock. They are of the best blood lines in America; also show birds to spare, eggs for hatching and day-old chicks—all that live, and let live prices. Write us your wants before placing your order, and see if we have not given you facts. Mating list now ready. Write and get a copy.

HARTMAN STOCK FARM POULTRY YARDS

BOX P. W.,

E. T. Jacobs, Supt.,

COLUMBUS, O.

THE CAMDEN SHOW

THE FIRST SHOW OF THE NEW JERSEY POULTRY AND PIGEON ASSOCIATION A GREAT SUCCESS. LARGE ENTRIES AND EXCELLENT ATTENDANCE. ANOTHER SHOW TO BE HELD NEXT YEAR

BY WM. C. DENNY

The first annual show of the New Jersey Poultry and Pigeon Association held January 2-6, 1912, at Camden, N. J., was a great success. From every standpoint it was the most successful initial show that we have ever attended and great credit is due to the officers and all of the members who had a part in the undertaking. The New Jersey Poultry and Pigeon Association is probably the largest poultry association in America organized for the purpose of holding poultry exhibitions and advancing of the interest of its members and improving local poultry conditions. The membership list as published in the catalogue shows a total of 650 names and no other association that we know of has hardly half that number. With this large body of poultrymen enthusiastic and working hard for success, it is little wonder that the first show held under the auspices of the association turned out so well.

The show was centrally located being held in the Third Regiment Armory, conveniently located to the down-town shopping district. The attendance was first-class. Not only did the people of Camden who were interested in poultry turn out in large numbers, but there was a good attendance of poultrymen from every section of Southern New Jersey and South-eastern Pennsylvania.

The officers of the association are as follows: President, John N. Ake; First Vice-President, Paul G. Springer; Second Vice-President, B. W. Cooper; Secretary, W. Lee Springs; Treasurer, Henry B. Coles, Board of Directors: John M. Root, Jr., John N. Ake, B. W. Cooper, Chas. R. Fenton, Harry Hawkins, Jr., W. E. Shreve, A. A. Hunter, A. G. Palmer, A. P. Gause, J. Broster, W. Lee Springs.

Quality throughout the show in poultry was exceptionally good, particularly so in Barred and White Rocks, Silver, White and Buff Wyandottes, Single and Rose Comb Reds, Light Brahas and Single Comb White Leghorns.

W. Lee Springs, the hustling secretary of the association, announced during the show that the officers were

well pleased over the success of this year's exhibition and after the close of the show immediate steps would be taken towards making arrangements for next year's exhibition.

In Barred Plymouth Rocks Henry D. Riley, Strafford, Pa., won four firsts, including cock, hen, cockerel, and pen. He also won 4th on pullet. Mr. Riley also had a string of birds at the Baltimore show the same week where he succeeded in capturing a major portion of the prizes. Mr. Riley was elected Secretary and Treasurer of the Barred Plymouth Rock Club at the annual meeting held in Philadelphia.

In White Wyandottes, Sunnybrook Farm, Chas. D. Cleveland, Prop., West Grange, N. J., won 1-2-5 cock; 2 3

REGAL WHITE WYANDOTTES They are unexcelled as layers and winners. At Buffalo Great International Show this year, on five entries I won 3rd cock, 4th hen, 2nd cockerel, 1st pullet, 2nd pen, also best display. They will win for you. Eggs five dollars per fifteen. Henry R. Jones, Derby, N.Y.

SILVER CAMPINES "THE FOWL OF THE FUTURE." A clean sweep and Champion Winners at Illinois State Show and Indianaapolis, 1912. Write for free literature. HECK-BATES FARM, PITTSFIELD, ILL.

10 CENTS EACH.

Orpington Eggs

[Guaranteed Fertile.]

BUFF BLACK WHITE
Bred from Madison Square Winners. My New Selling Plan—How you can buy eggs for hatching from Prize Winning Barred, Buff and White Rocks, White Wyandottes, Black Minorcas, R. I. Reds, Buff, Brown and White Leghorns, Indian Runner Ducks, etc. At 10 Cents Per Egg. Positively from Blue Ribbon Winners. Drop me a postal today for information.

W. F. UHLE, Box W, ATTICA, OHIO

THREE OAKS Columbian Wyandottes [KEATING'S ENTIRE STOCK]

HATCHING EGGS—Pens headed by 1st and 2nd prize Madison Square winners. FREE MATING LIST. GRAND COCKERELS that would do you good. Address,

RALPH WOODWARD, Box G, GRAFTON, MASS

Stair's Famous Laying, Winning, Paying Strain of Single Comb Black Orpingtons



Won first prize championship Black Orpington pen at the Great Cleveland, Ohio, Show, 1912. This pen was one of the leading features of the show. Pens now mated including winners that swept all competition at the Great Cleveland, Ohio, Show, 1911.

Eggs, \$3, \$5, \$10 for 15. Why pay more? Mating List.

JAMES H. STAIR, AKRON, OHIO

CHRISTY FARMS' S. C. WHITE LEGHORNS

Are persistent Layers That Win. 11 years this strain has been systematically bred for prolific egg production, as well as winners at Buffalo, Boston, Auburn, Rochester and New York State Fair. Large, lusty cockerels, \$3. Eggs from exhibition matings, \$2.00 per 15 and up. Incubator eggs, 100, \$5.00; 1000, \$45. Day-old Chicks. Grand good Columbian Wyandottes at a bargain, to close out. Circular for the asking.

W. R. SPERRY Box H CORTLAND, N. Y.

WOLVERINE STRAIN WHITE PLYMOUTH ROCKS

Again prove their quality by winning in hot competition at the Jackson, Mich., and Cleveland, O., 1912 shows: Six Firsts; Four Seconds; Four Thirds. Including All First Prizes on Males. These winning birds, and their sires, dams and offspring, are in the Forty Grand Breeding Pens that I have mated for this season's trade. Price of eggs: \$10, \$5 and \$3 per 15, or \$65, \$30, and \$15 per 100. Expressage prepaid on original shipments.

AM OFFERING AT SACRIFICE PRICES

Several hundred exhibition breeding and utility birds. Males \$5 to \$10 each; Females \$4 to \$7, Trios and Pens in proportion. These birds contain the same blood-lines as all my winning stock, and will benefit any breeder. My Illustrated Mating List now ready. It's free. My large, handsomely illustrated Catalogue, giving information on Mating, Hatching, Raising, etc., etc., sent for 10c, in stamps or coin.



LYMAN H. HILL,



JACKSON, MICHIGAN.

Sta. 2.

hen; 1st cockerel; 1-2 pullet; 2-3 pen. Mr. Cleveland's birds were exhibited in excellent condition and showed their usual high quality. Mr. Cleveland stated that he would be well prepared for the egg trade, having selected and reserved a large number of his choicest specimens for breeding purposes. In addition to White Wyandottes he is also breeding Columbian Wyandottes and Silver Penciled Wyandottes and S. C. White Leghorns. As president of the New Jersey Branch of the A. P. A. Mr. Cleveland is doing important and valuable work for the poultry industry of his state, for which he is entitled to great credit.

In S. C. Rhode Island Reds J. H. Crossley of Magnolia, N. J., won 3rd hen; 2d cockerel, 1st pullet and 1st pen in hot competition. Mr. Crossley's birds showed uniform high quality in both shape and color. He is offering for sale a few high-class cockerels and pullets of the same breeding as his winners at this show.

Blink Bonnie Poultry Farm, Robt. M. Heine, Prop., Bath, Pa., has had an unusually successful show season. After winning practically all the prizes on S. C. White Leghorns at the Bethlehem and Allentown shows, in a large and strong class at Camden Mr. Heine's entries won 1st hen, 4th cockerel, 1st pullet and 2nd pen. Mr. Heine has gone into the poultry business for two reasons, because he likes it and as a business proposition. His farm is favorably located and adapted for poultry raising. His buildings are modern and his equipment quite complete, including a 4,000-egg Cyphers Mammoth Incubator, which has been installed for the purpose of enabling Mr. Heine to cater to the baby chick business. Mr. Heine has no more stock for sale, but those who intend buying either eggs for hatching, or baby chicks will do well to write him for information before placing their orders.

Springwater Poultry Farm, Stockton, N. J., Frank J. Epele, made entries in the Silver Leghorn cockerel and pullet classes and was successful in making a clean sweep, winning 1-2 cockerel, and 1-2-3-4 pullet. In addition to breeding Silver Leghorns Mr. Epele is breeding S. C. White Leghorns for, as he advertises, "the three Y's", meaning "quality, vitality and utility". Springwater Poultry Farms' S. C. White Leghorns are of first quality and the equipment at the farm very complete. They offer eggs for hatching and day-old chicks hatched in their mammoth incubator which has a capacity of 20,000 eggs. Interested persons should send for their advertising matter.

The Waterfowl display at Camden while not large was of good quality. In Pekin Duck classes, White Horse Farm, Paoli, Pa., won 4th old drake; 2nd old duck; 1st young drake; 1st young duck. In White Muscovys, 1st old drake; 1st old duck; 1st and 2nd young drake; 1st and 2nd young duck. In Embden Geese 1st old gander and 1st old goose.

L. D. Howell, breeder of Buff Wyandottes and well known as secre-

tary of the Grand Central Palace Show held in New York City, placed the awards on White and Black

Wyandottes. Mr. Howell is an ardent admirer of the former variety and has been a successful exhibitor at Madi-

White---ORPINGTONS---Black

At Minneapolis, Minn., in the strongest competition in the history of that show, our whites won 2nd and 3rd cock, 2nd and fifth cockerel, 3rd and fourth hen. At Oshkosh, Wis., won first cockerel and 2nd cock. We also have in our pens, 2nd pullet, 1st and 2nd black hen and fourth black pullet, at Minneapolis. Mating List Free.

Maplelawn Poultry Yards

ALMA CENTER, WIS

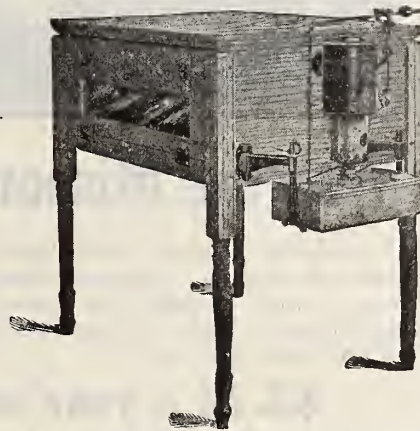


Ondawa Farm--WHITE LEGHORNS WIN PRIZES & LAY EGGS

Winners of Silver Cups. Sweepstakes, First and Special Prizes at prominent shows during the last twelve years. My winnings at the Albany, N. Y., Show, held Jan. 1st to 5th, 1912, the strongest class ever brought together at this show, were as follows: 1st cock, 1st hen, first-5th cockerel, 2-3rd pullet, 2nd pen old and 4th pen young, also the twenty dollar gold special for best exhibit of S. C. White Leghorus. The above winners and many others are now in my breeding pens for this season's trade in EGGS AND DAY-OLD CHICKS. Large illustrated Catalogue describing this heavy egg-producing strain, and full of valuable information on poultry breeding sent you on request. I have pleased hundreds—why not you? Address

LEWIS T. McLEAN, Box 60, Ondawa Farm, Sushan, N. Y.
Member of the Nat. S. C. White Leghorn Culub.

NEW PATENT EGG TURNER



Just what the beginner and every one is looking for. I also breed Standard-bred

WHITE PLYMOUTH ROCKS

Exclusively. I have only one breed and make it a specialty. I won 1, 2, 3 and 4 pullet, 1 cockerel and 1st pen, "quality I have it". Now is the time to order eggs for hatching. My breeding pens are mated for best results and I can furnish your requirements from well-bred, healthy, vigorous stock.

I ALSO HAVE THE INCUBATOR. The one and only one incubator, which has been sold by the thousand and has gained rapid success.

I ALSO HAVE THE VALUABLE PATENT

Egg turner, which any one who has the use of an incubator, ought not be without, for it is a chick and labor saver, which means a whole lot of

money in your pocket. Write today for catalogue, it is valuable to you.
LOU P. GANTTER, KAUKAUNA, WIS

ANOTHER BIG WINNING FOR Loyd's Prize-Winning Partridge Rocks

AFTER WINNING

1-3-4-5 Cock; 1-2-3-4-5 Hen; 2-3-4 Cockerel; 2-3-5 Pullet and First Pen. We moved over to

INDIANAPOLIS

And won 1-2-3-4 Cock; 1-2-3-5 Hen; 1-2-3-4 Cockerel; 1-2-5 Pullet and First Pen.

BOTH WINNINGS IN STRONG COMPETITION

12 Grand Pens now mated. Send for Mating List and Catalogue.

Stamps Accepted

C. J. LOYD & SON,

GREENSBURG, IND.

son Square Garden and other leading shows.

A. C. Smith, the well-known Superintendent of Grove Hill Poultry Yards, Waltham, Mass., was in his glory judging the Barred Rock and Brown Leghorn classes, and as usual his work gave good satisfaction. Mr. Smith's years of experience and connection with the poultry business has made him well fitted for the work.

J. C. Punderford of Freneau, N. J., placed the awards on all Leghorn classes excepting S. C. Browns. As judge of this breed Mr. Punderford is one of the best. He is a successful breeder of S. C. Buffs and S. C. White Leghorns and knows the breed thoroughly. Mr. Punderford reported a great season, sales having materially increased over previous years. He is looking forward to a big egg trade.

We did not see Chas. H. Ward of Bethel, Conn. Mr. Ward judged the White Rock class which was an unusually strong one. As secretary and treasurer of the White Rock Club, Mr. Ward is doing good work for that organization. In his advertising he is offering some first-class breeding cockerels for sale and is also booking orders for eggs.

URBAN FARMS' GREAT WINNERS

A visit to Urban Farms, Pine Ridge, Buffalo, New York, will prove great to every lover of Standard-bred poultry, for there he will find a genuine poultry fancier's farm conducted on the most advanced lines possible. The owner, George Urban, Jr., president of the Urban Milling Company and officially connected with many other great business enterprises in Buffalo and elsewhere, has two hobbies and they are flowers and chickens. The cultivation of these hobbies are his pleasure and recreation as well as affording him relaxation from his business obligations which are many.

The rarest and finest flowers as well as choicest and best fowls will be found at Urban Farms, which are located just across the city line. It is the home of Mr. Urban and the mecca of many of his friends, who have spent many enjoyable hours with the hospitable host in years past. Whatever George Urban does is done thoroughly. This accounts for his success in the business and political world, and we might add in the poultry world. A glance at his 1912 mating list reveals the character of the master of Urban Farms. There is not a superfluous word in the booklet. It is facts from beginning to end, stated in such a clean cut business-like way, free of any attempt at exaggeration, that inspires confidence at once.

The great specialties at Urban Farms are Black Langshans, White Plymouth Rocks, Anconas and Campines. The great records made by Urban Farms' Langshans at the International Show in winning the beautiful silver and copper shield offered by W. C. Denny, the Chamber of Commerce Challenge Cup for largest display, the grand special on White Plymouth Rock cock for best bird in the show, and the Grand Gold Medal offered by the American Poultry Association for best cockerel in the American, Asiatic, Mediterranean, English, Polish, Hamburg, French, Game and Ornamental classes to the Ancona Cockerel (illustrated and described in February A. P. W.), prove the great quality of the stock bred and exhibited by Urban Farms. Every poultry breeder interested in the above varieties should send for Urban Farms' Mating List for 1912.

POULTRY CUTS

Poultry breeders in need of cuts for printing or advertising should send to Chas. L. Stiles, Columbus, Ohio, for a

copy of his catalogue of poultry illustrations. It may be obtained on request if AMERICAN POULTRY WORLD is mentioned. Mr. Stiles can also furnish shipping labels especially printed for those who ship eggs for hatching. The labels are a protection to buyer and seller as they advise caution in handling by express company employees and can also be used to seal the boxes or baskets used as carriers.

VALENTINE RANCH
"THE WRIGHT WHITE ORPINGTONS"
 Won at St. Paul, Minn. 1st and 2nd cock, 1st and 2nd hen, 2nd and 3rd pullet and 1st pen. The show was held at the St. Paul Auditorium and was the largest and finest poultry exhibit ever seen in the North-West. Is it necessary to state that the competition was of the keenest? We are now booking orders for baby chicks and eggs for hatching. Send for catalogue.

Douglas H. Wright, Owner. O. C. Thompson, Supt.
 R. F. D. No. 1. NEW BRIGHTON, MINN.

CRYSTAL WHITE LEGHORNS

Win at Philadelphia Show. 1st cock, 6th hen, 6th cockerel and 4th pen. Write for egg and Baby Chick prices. Free Catalogue now ready.

CRYSTAL POULTRY FARM, B. H. Johnson, Prop., BLOOMSBURG, PA.

JUST WHAT YOU ARE LOOKING FOR Eggs for hatching at moderate prices from Scott's noted White Wyandottes, R. C. Reds, and healthy. Satisfaction every time. Get our list of winnings.

White Holland Turkeys and Indian Runner Ducks- Orders filled promptly. Stock farm raised, vigorous and healthy. Satisfaction every time. Get our list of winnings.

J. H. & L. M. SCOTT, R. D. 9 W, AUBURN, N. Y.



Why the Missouri hen is famous

A hen is like a human being—she will work better when she is comfortable and well cared for. Missouri climate is just to her liking—neither too hot nor too cold. Especially in the hills she thrives amazingly and produces accordingly. Here is a good example of what the Missouri hen will do when rightly cared for.

\$2.72 a year net profit per hen

Mr. J. M. Clark, who follows his trade as carpenter, in Windsor, Mo., operates the Red Walnut Poultry Farm, 10 acres, one mile from town. During 1910 Mr. Clark collected 6336 eggs from 60 hens, incubated 480, and hatched 417, (87%). He realized \$108.27 from eggs sold, and \$94.01 from chickens sold. His feed cost him \$39.65, leaving a net profit of \$162.63 or an average of \$2.72 per hen.

Any man living along the Rock Island Lines between St. Louis and Kansas City, who is in a position to ship fresh eggs to these big nearby markets can get fancy prices.

Poultry and eggs can be produced in this section of the Missouri Ozarks at the lowest possible cost—the climate, soil, and pure water make for ideal conditions in poultry raising.

If you are not getting good results you may not be located right. This matter of location is worthy of serious thought.

There are some particularly good locations

for profitable poultry raising, along the Rock Island Lines. Professor H. M. Cottrell, an expert of national reputation, formerly Professor at the Kansas and Colorado Agricultural Colleges, and now in charge of the Rock Island Lines, Department of Agriculture, has made a careful study of every locality along the Rock Island Lines. He knows the best places for poultry raising, and can tell you the very place where you are most likely to succeed.

Drop me a line and tell me about yourself and what you want to do. You will be given careful, personal, expert advice without cost or obligation.

Book on scientific poultry raising, free

This book, written by Prof. Cottrell, embodying the experience, knowledge and advice of an expert on poultry methods, is worth dollars to you. Write for your free copy today.

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L. M. Allen, Passenger Traffic Manager, Rock Island Lines,
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John Sebastian, Third Vice-President



STANDARD POULTRY TOPICS FROM OVERSEAS

By ALFRED A. FLEMING, England

MADISON SQUARE GARDEN

One of the greatest wishes of my life since I have been in the poultry world has been to visit your great Madison Square Garden Show. Often have I read good descriptive notes and seen the show in pictures, but never till this last December has it been my good fortune to see it in reality. Perhaps a few short impressions may prove of interest to your many readers.

My first view of the hall was on Sunday when I had the pleasure of meeting Mr. Crawford and Capt. Griffin, both of whom gave me a hearty welcome, and I at once saw that the shape of the hall would lend itself to a great display, but on Tuesday morning my surprise was greater than even my wildest expectation, and to say the least I was simply charmed. Everything looked merry and bright and the flag decorations were great. I was greatly interested in the way the birds were penned, and was glad to find the top tier was within easy reach and that it was not necessary to break your back to view the birds in the lower pens. I consider that in this respect you are in advance of us on this side, as at many of our shows it is impossible to get at the top birds without a trolley or chair. Again I noticed that you had a nice sheeting from the lower tier to the ground, giving a fine finished appearance. What I did not like was the penning of one bird up and one down. It struck me

that it is always much easier and quicker for anyone to judge when the birds of one class are penned on one level or a straight row as we do in the British Isles. I was disappointed at not seeing more appliance stalls, but guess space forbids and many have to be absent, not of their own free will.

The entry fee or premium as you call it, appeared to me as being enormously high for a first prize of \$5. Over here we only pay about a dollar for a \$5 prize, which at the Dairy show we enter for \$1.50 and stand to win a first of \$10.00.

The total entry was not so great as I expected nor was the competition in some classes as keen as it might have been, that is to say that in some cases two or three farms only were competing, but the quality taken all around was very high and never have I seen birds better staged, and we consider that we know a little over here in showing and putting a bird down in the best condition. Your breeding pens and exhibition pens were a very fine display and the golden pheasants, cranes, storks, crowned pigeons, etc., made attractive exhibits. Your premium ribbons are gorgeous, (I brought one back as a memento), and are much more taking than our prize cards, besides they are much nicer and better for keeping for advertising purposes or for pleasure. I was most disappointed not to see the awards put up the first day. Here I think there

is room for improvement, having always been used to seeing the awards up even at our biggest shows by two o'clock. I was puzzled at the delay. I was told that your judges handled more than we do, but I doubt this point taking it in the broad sense. I suppose it must be the very finer points which your judges hunt for which takes the time. Anyhow wouldn't it be better to have the awards put up as each class is finished? Again why not copy us for once and have an award board. Perhaps I had better explain. In our judging books we have two detachable slips. As soon as a class is judged these are torn out, one is for the printer and the other for the secretary, but before the secretary files, a steward will write up the results of the class on the award board, which is in full view of the public. Thus it is possible to follow the judging right through and ends the awful suspense of the keen fancier. Again it is useful to the press. Of course, this only applies to those shows where the public are admitted to the building. Most of our shows are judged with closed doors. If, however, the public are admitted all the avenues are roped off in order that the judge may have perfect freedom.

As advertisers I consider you are simply great and I am sure it must in many cases mean good future business, when a likely client is able to take from a show pen, a catalogue or



Birdseye view of Mount Pleasant Farm, Mt. Pocono, Pa. This farm is located at an altitude of 2500 feet above the sea level and is owned by W. A. and H. M. Leech, who make a specialty of heavy laying S. C. White Leghorns. It will be noted that all breeding and laying houses are of the open front style. These houses, notwithstanding the severe winter that this section is noted for, have proven highly satisfactory and the maximum results have been secured.

descriptive list of some kind, which can be studied at leisure going home in the train or trolley. Whilst on this question of advertising I consider the Buffalo Poultry Society is to be complimented on the very telling post-card they have issued, "You must come". As a great many of your readers will have received one of these I shall not attempt to describe. I thought the idea of having a pen of birds and immediately above a sample basket of eggs a good one, and I greatly admired the case of Campine eggs exhibited by Mr. Jacobus. It seemed very strange to see colored ribbons and silk background on and in the pens. Whilst Mr. Bradley was decorating his beautiful Barreds with glorious roses, our pens over here never have anything on but the prize card.

I was sorry not to be able to purchase a printed catalogue, that is, with full list of awards, until Thursday. I respectfully suggest an alteration here to the Wednesday. At the end of the show I was keenly interested in watching the way the pens were cleared and on Sunday evening one would never have known a poultry show had been held, so smart had everything been pulled down. I missed the "auction day," which is always a special with us, especially at our largest shows.

A few short criticisms on the birds penned will, I am sure, be taken in the same spirit as they are offered. Brahmans did not make a big display. In the Lights I thought the females were better in quality than the males, whilst the Dark Brahmans were, in my opinion, a better collection than the Lights, they were all smaller in size than we are used to showing and did not carry as much fluff or leg feather as those shown over here. I thought the cock in both varieties failed in saddle hackles. Perhaps this is not an important point with you. I was surprised to find only one Buff Cochins (pen) entered. This was of poor color with a bad hackle and failed in shape as a Cochins here. Partridges were better, with good feet, but here again the neck hackles struck me as being far from good. Whites were very small and most disappointing. I had hoped to see a bigger entry in White Langshans, also better quality. Blacks were much better and I saw some very nice colored birds and was glad to see a good bright eye. They were, of course, not nearly as leggy as our

modern Langshans, which in my humble opinion is greatly to their advantage. Plymouth Rocks were a grand lot and quite a feature of the show and proved of immense interest to one who has a little to do with this grand variety on this side of the "herring pond". Although Rocks are still popular over here, they do not by any means hold the same place in the fancy as yours appear to. I had the pleasure of going through the classes with Mr. Schwab who judged the females, also an interesting chat with Mr. Bradley and Mr. Hawkins whose names are well-known in the "Rock World". Barreds made a fine entry and I should say competition was very keen. Most of the birds were smaller than we show and of a different shape, not showing as much leg or frame. The classes were teaming with quality. The males were finer in barring than their British cousins, very even with wonderful undercolor, good tails and wings. The color throughout was of lighter shade but very pleasing. Our males are a good deal darker and our club stand-

ard calls for a ground color white of a bluish tinge barred with black of a beetle green sheen, the bars to be moderately narrow of equal breadth

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200 Egg Strain, 200 Blue Ribbon Strain. Eggs \$1 set. Chicks 10c each. Eggs guaranteed to hatch. Catalogue free. One Kant Klog Sprayer free in every town.

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MADISON SQUARE GARDEN WINNERS
At the Pittsburg Show, January, 1912, my Columbians made a clean sweep winning all five first prizes, as follows:—1-2 cock, 1 2 hen, 1 cockerel, 1 pullet, 1 pen.

IF YOU WANT TO WIN TRY THE EMPIRE STRAIN
Choice Cocks, Cockerels and Pullets for sale. I am now booking orders for eggs for hatching from the choicest matings of this variety ever put together. Write your wants. Complete mating list free.

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R. F. D. No. 5,

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LOCUST HALL POULTRY FARM BARRED PLYMOUTH ROCKS

America's Best Blood. Direct Descendants of New York, Boston, Chicago, Kansas City WINNERS. Splendid exhibition and breeding birds from both cockerel and pullet matings. Eggs, \$3 per thirteen.

DR. EDWARD J. NESBITT, R. F. D., POUGHKEEPSIE, N. Y.

and sharply defined, to continue through the shafts of a feather, every feather to finish with a black tip. Females were good and the winning hen could have won on this side, in fact, she was not unlike one

through the classes with Mr. Denny who, I understand, takes this variety every year. I rather expected a little larger entry in this grand variety, but I was told that a good many fanciers were holding back for the annual meet at Boston. I was glad to find that your breeders are aiming for a little deeper color than that hitherto. The winning male, in my opinion, was just a shade Orpington although good in other respects. Still without handling I much preferred the second which in type was much like our own, likewise color. Mr. Denny thought the winning cockerel the best he had ever seen and I must say he was a grand stamp of Buff Rock. Hens came up well and as a class were better than those usually shown on this side.

Pullets were typical but if anything quite light enough and some were inclined to be patchy. Partridge Rocks I had never seen before and I was pleased with the very handsome appearance they presented together with good type and rich coloring. Black Rocks were conspicuous by their absence. This breed, although not making great headway, enjoys a certain popularity on this side. Silver Penciled Rocks did not please me as much as the Partridge and I very much doubt if they will ever catch on quite the same. Columbian Rocks were rather disappointing.

In Wyandottes I think you have us beaten in shape but are far behind in lacing and striping and the birds were

not as clean in their top color or on the wings, and the breasts were only fair. I considered females were of better quality than the males. The latter were principally short of striping and the former in many cases too heavily laced. Whites were a magnificent lot, wonderful color, good shape, most graceful and full of curves. The greatest fault from a British point of view and perhaps the only one from a personal one is their size, which is small. Blacks evidently do not take as well as they do here. I wonder if the black leg is much of a detriment, and here I consider we are in front as all our birds are bred with rich orange legs, especially in pullets, and the contrast is great and pleasing. Our birds are also more typical to our Standard than yours. I noticed one odd bird in the four classes that had yellow legs. Buffs were poor with light tops, pale breasts and generally short in color. Many of the hens appeared to be weathered, still I was led to believe that fair prices can still be made in this variety. For a few years past we have not had many exhibited at our shows but I quite expect that in the course of time they will be shown again in fair numbers. Partridges were inclined to the dark mahogany shade and were short of striping. In some cases I thought the breasts were poor and I do not think that they present the same handsome appearance as the Partridges in England. The coloring is not nearly so brilliant or



Shown herewith is a brood of Houdan chicks and their faithful guardian "Rowdy", owned by Joseph F. Carter, Elmira, N. Y., breeder and originator of the Paragon strain of Houdans.

of our big winners. She stood well up, full of color with grand barring. Pullets seemed very small and although the winner was nicely barred, her size would have put her clean out at any of our shows. She was a baby to our ideas. The breeding pens proved of special interest and here I am sure you all excel. Some of the males appeared a little light, but I must bow to my superiors. Taken all around I must own that although I found the males (in the open classes) on the light side in color, etc., short of leg, giving to a certain extent a slight dumpty appearance to English eyes and the females on the small side and too open. Still I consider you are far ahead of us, which is perhaps natural owing to the Rock being one of your best Standard breeds. I am afraid in many instances we have done more harm than good with the Barreds. I never wish to see a finer lot of White Rocks than those penned at the above show. The color was perfect with good legs and eyes. Entries were much larger than we are used to. Why this grand breed does not go better in Great Britain I fail to understand, and still they are on the increase and may easily become popular in the course of a year or two. In type we are much keener than in the Barreds.

I greatly admired the winning breeding pen belonging to Owen Farms and I consider the male bird in this pen was about the finest White Rock that it has ever been my pleasure to see. In the Buff Rock aisle I had the honor of meeting and chatting with several of the leading breeders whose names are too numerous to mention. I would, however, say how very much I enjoyed going

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MIDLOTHIAN-STRAIN

Midlothian Strain is distinctly of Imported Blood Lines, possessing the characteristic points so much sought for in Orpingtons, the big boned, blocky, deep breasted, broad back kind. We are offering Utility Cockerels at \$5.00; 30 Cockerels from our 1st Chicago Pen at \$10.00, \$15.00 and \$25.00—BIG HANDSOME FELLOWS. We can also supply some Choice Breeding Females at \$3.00 and up. OUR SPECIALTY—a \$50.00 Breeding Pen is the best value you can find. (A \$25.00 Male and 4 \$10 Females.) Write for prices on flocks of 10, 25 and 50 bred to lay egg machines, mated for heavy egg production. **EGGS, EGGS, EGGS**—We are filling orders promptly for eggs from our 20 Special Matings and 18 Bred to Lay Colony Flocks at prices you cannot help but appreciate. Eggs, 15c to \$1 each. 80 per cent. fertility guaranteed. **BABY CHICKS**—Everyone is taking advantage of our offerings in Baby Chicks. So will you. Baby Chicks, 30c each. Book your order now for Baby Chicks. Safe delivery guaranteed. Catalogue and Mating List of the Largest White Orpington Farm in the World is Free. Most handsome White Orpington Catalogue ever furnished. Write for Catalogue today.

LARGEST WHITE ORPINGTON FARM IN THE WORLD

MIDLOTHIAN FARMS

JOHN G. POORMAN, MGR. TINLEY PARK, ILL., U. S. A.

red on the wing bow nor the hackles so bright. Silver Penciled were a little short in the neck hackles, that is to say in color. Columbians made a nice exhibit but I doubt if they are as clean in color as our present day ones, nor do I think they are as good in hackle. Barred Cuckoos were not very striking except for shape.

Rhode Island Reds were worth crossing the ocean to see. I was greatly struck with this breed as you have them in America, and here I consider we have everything to learn from you and I should very much like to see our English breeders completely adopting your R. I. R. Standard. At present it seems to me we are drifting apart and in this case it will be our loss. Males were a beautiful color and very rich and females were not one bit behind, and I greatly admired the sound colored neck hackles entirely free from ticking, which in my eyes considerably enhances the beauty of the breed, and in most cases the tails were very fine and shone with a very pleasing beetle green lustre, whilst the shape was exactly the same as I have often seen so well illustrated in your worthy journal. It may interest your readers to know that R. I. Reds are making good in this country and already over \$200 has been given more than once for single specimens.

American Dominiques were not very interesting and Anconas were disappointing in entries. They are, of course, smaller than ours and I do not consider them as good nor nearly so pretty. The good old Dorking turned up in fair numbers and I believe I am right in saying that we are a little more particular in regard to their feet than you are, and again I think we breed this variety with a greater length of back. The quality, however, was of good merit.

As I expected, the Orpingtons turned up in great numbers although perhaps I was a little disappointed with the quality in the Buffs and more so in the Blacks. Whites I considered were easily the best of the lot. In Buff males I thought many specimens were lacking in the full chest which we are so keen on in this country, if anything they were inclined to be what we should call flat chested. The winning cock, however, was one of the exceptions and I considered that he was easily the best in the Buff section; color, shape, size and bloom, all of which he possessed, were very nearly perfect. In cockerels there was only one in it, in my humble opinion. I of course refer to the winner which was of a nice sound, even color but not the shape of the winning cock. Cockerels were again inclined to be flat chested. In females the hens were better than the pullets though they were rather an uneven lot. There was very little to choose between the 1st and 2nd which had grand shape and size, which appealed to me, as did a hen shown by the Dun-robin Farm. Pullets I thought were the most of the four classes, lacking in size, quite long enough in the back and I saw quite a few with patchy breasts. I noticed that every shade

of Buff was shown, from the very pale lemon to the very deep orange, but the color which I think all Orpington breeders ought to aim at whether in America or British Isles is the color of the winning cock, a good sound level sovereign Buff. As I have previously said Blacks greatly disappointed me, entries were good but many of the exhibits lacked lustre and showed bronziness. The old birds were to my mind better in shape than the young.

Whites were a hot lot and the color and shape in many cases excellent. I was naturally disappointed to see the Crystal Palace winning cock not placed. I understood that it was his lobe which was inclined to have a tinge of white in it was the cause of his being knocked. I also considered that another English bird which was not placed was by far the best shaped bird in the class; evidently his comb was a serious defect. I heard on good authority that the winning cock owned by Miss Carey was sold for a record figure.

The White Orpington is naturally a breed which gives the fancier every scope to put down in a smart and attractive manner, and the exhibitors at this show were not slow in seizing their chances and penning the birds in very fine condition. The Rose Combs in Orpingtons struck me as being poor. In Jubilees Captain de Bathe was an easy winner, the Ameri-

can failing in wings and color. Blue Orpingtons naturally created a sensation and both Captain and Mrs. de Bathe, who swept the deck in this variety, were kept busy right throughout the show courteously answering the keen questions which their Ameri-

WHITE WYANDOTTES EXCLUSIVELY

I have a few cockerels for sale.
Eggs for hatching, \$2 per sitting. Circular.
Mrs. Edith M. Handy, R. R. 1, Winchester, N. H.

LONG'S

WHITE WYANDOTTES

Several good cockerels for sale. Eggs, \$5 and \$3. Send for mating list.

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Yours truly,

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SUSSEX FOWL SPECKLED, LIGHT and RED. The famous English Standard-Bred Utility Fowl. Trios from \$10 for utility stock. Exhibition stock, \$25 and upwards or we will import for you.

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MAJESTIC STRAIN S. C. WHITE LEGHORNS

(YOUNG'S VIA E. G. WYCKOFF'S)

Winners at the Great New York State Fair, 1908-'09-'10-'11.

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I will give you better value for the amount invested than you can obtain elsewhere.

EZRA C. CARTER,

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The strain that has made a record at Philadelphia, Jamestown Exposition, Chicago, Boston and Madison Square Garden. Our original blood came direct from Old Kinderhook, N. Y., President Whitmyre of the New York State Red Club said our flock was the best he viewed this year. Eggs from choice matings, \$3 and \$5 per setting. \$10.00 per hundred. A few nice Breeders for sale.

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ENGLISH PENCILED INDIAN RUNNERS

In two pens am using birds imported from Mr. Walton that are related to Runners from original source—India. Booking orders for spring delivery from my own and Walton strains.

BRED-TO-LAY BARRED ROCKS

Eggs from stock bred for prolificacy and all practical purposes.

MRS. ANDREW BROOKS,

Brookhaven Farm,

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FAIRFIELD WHITE ROCKS TO THE FRONT

Winners at Allentown, Pa., Philadelphia, Pa., and at Bridgeton, N. J., 1911 won, 1st, 3rd cock, 1st, 2nd and 5th hen, 1st, 4th and 5th cockerel, 1st, 2nd and 3rd Pullet, 1st pen, in a very large and strong class; also Commercial League Cup. Three years in succession for best display all varieties of Plymouth Rocks competing, also special for best male bird and also for best bird in the show on cockerel. We will be ready after February 1st, to fill orders for eggs, on short notice. Eggs from special matings \$5.00 per 15 Utility eggs \$1.50 per 15. Eggs by the 100 or more a matter of correspondence.

FAIRFIELD POULTRY FARM,

H. W. Schnitzer, Prop.,

FAIRTON, N. J.

can cousins fired at them. It has been decided that the Blue Orpingtons in the British Isles shall be a laced variety. Spangles were not great and here again the premier awards fell to the English visitors. Captain de Bathe's champion has succeeded in keeping her great record intact.

Leghorns were a source of great interest, especially the Whites, which made a magnificent show and were penned in faultless condition. They are of course much smaller than the ones exhibited this side, also shorter in leg but in color we are about equal, but our birds carry a much heavier comb. Ear lobes are much better developed and of a better texture in the English Leghorns, but from what I hear ours are not the equal of yours in laying powers. Blacks, of course, struck me as being small and failing in legs and lobes. The Browns were a shade darker if anything than ours. Both the latter varieties are not shown in England as big as the Whites. Buffs were a nice lot and of good color, and the Duckwings were very fair. Pyles were poorly supported and I thought that in the males at any rate there was room for improvement in the breasts.

Minorcas were a very useful lot and some nice birds were penned, the Blacks being far better than the Whites, and I was glad to see the winning male had good lobes in the Rose Comb class. Taken all around the Rose Comb Leghorns were not nearly so good as the Singles. Speckled Sussex were disappointing, especially in shape, some of the specimens exhibited being of a Dorking type whilst many were dark in color. Red Sussex were not good, and like ours, want a little more time. Andalusians did not show up so well in lobes but were nicely laced and held good top color—although some of the pullets were inclined to be a little light.

More Black Spanish here on show than I have ever seen before and the quality was excellent, the shape, carriage, color and lobes were all that could be desired, and this at one time popular variety made a most interest-

ing exhibit. In Polish I consider the Whites were far in advance, Golden and Silver following pretty closely, but the Buff laced were not in the same class. Sumatras deserved better support than three entries and perhaps the birds shown had not quite the richness in plumage they might have had. Hamburgs were very short in entries and not nearly as good as they ought to be. Favorolles deserve more attention than they had at the show. It is rumored on this side that the White

is in a very short time to become a leading variety. Game classes were very poorly supported and fall short of quality in comparison to ours. Campines were a good show and here the Rev. Lewis Jones had the honor of taking most of the premiums. Some excellent birds were staged and the winners excelled in color, type and hackles. Hackles are undoubtedly a great feature in the Campine. Houdans were nicely crested but wanted a little more white on their body color.



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CEDAR AVENUE FARM

RHODE ISLAND REDS

We breed Rhode Island Reds exclusively both for the show room and utility purposes, and are therefore able to devote all our time and energy to one breed. We bred and raised birds that won at the Great Brocton Fair and also at Providence, R. I. Poultry Show in 1911. We can furnish you eggs from the best pens we have ever had. If you want the best and a square deal consult us. 1912 Mating List now ready. Mailed Free, on application.

CEDAR AVENUE FARM, R. F. D., SWANSEA CENTRE, MASS

Silver Spangled Hamburgs

Slys Silver Spangled Hamburgs are invincible. Their winning at Chicago in the best class of Hamburgs ever caged in the west is positive proof. Again at Toledo on ten entries I won a ribbon on every entry.

CHICAGO—1 pen, 2 cock, 3-4 cockerel, 5 hen, 4-5 pullet, (51 in class).

TOLEDO—1 pen, 1-4-5 cockerel, 1-4 pullet, 2-3 cock, 4-5 hen, (41 in class).

Many specials including silver cup etc. If you want Hamburgs of the better kind try Slys—they are everlasting layers. Partridge Rocks from best blood lines in America. Stock and Eggs for sale. Write your wants.

R. D. SLY for Hamburgs,

CARL H. SLY for Partridge Rocks

West Clarksfield, Ohio.



Hewes Farm Black Langshans

ARE AT THE FRONT.

They are the easiest and hardest to raise, while for quality, weight and appearance of flesh, they are the only substitute for the scarce and high priced turkey. Bred pure for centuries, with no taint of foreign blood, they are in a class by themselves. They are

THE MOST PROFITABLE BREED, whether you keep poultry for pleasure or profit, fancy or utility—as all around layers, table fowls, hatchers, brooders, or for exhibition purposes, the Langshans stand pre-eminently at the top.

UNAPPROACHABLE SHOW RECORD. The success of Hewes Farm Black Langshans has been the subject of comment by the poultry press from the Atlantic to the Pacific. Our records at such shows as New York, Chicago, Scranton, Buffalo, Springfield, etc., is unequalled.

When in need of a good breeder or exhibition bird, send to Hewes Farm. 18 acres devoted to the Black Langshan Free range. All birds shipped on approval. Now booking orders for Eggs.

R. A. HEWES,

CRETE, ILL.



FIRST PRIZE HEN ROCHESTER-1911

Bred and Owned by MOORE BROS., Moscow, N.Y.

The Sensational Record Made By MOORE BROS., SINGLE COMB WHITE LEGHORNS

in two of the leading shows, in large classes teeming with quality, gathered from America's leading breeders, supports our claims of having one of the leading exhibition strains of Single Comb White Leghorns in America to-day.

AT THE GRAND CENTRAL PALACE SHOW, NEW YORK

We won 2 hen, 1 cockerel, 1-5 pullet, 5 pen, special for best male in Mediterranean classes, specials for best head, best shape and best cockerel (40 cockerels in class.)

A few weeks later with a different entry we won at

THE GREAT INTERNATIONAL SHOW, BUFFALO, N. Y.

5 cock, 1-4 hen, 1-4-5 cockerel, 1-2 pullet, 2 pen, large list of specials, twice as many points as our nearest competitor. All these winners were produced by us in our own yards from our own matings.

THIS RECORD IS A PROOF OF QUALITY

With quality we have combined utility values to a high degree, our birds are noted for their constitutional vigor, large size, heavy egg production and exhibition quality.

YOU CAN WIN WITH OUR STRAIN

We can supply stock of the same blood lines as above winners. Our prices are right. Write us for mating list.

EGGS FOR HATCHING.

BABY CHICKS.

MOORE BROS.,

Box W,

MOSCOW, N. Y.

Ducks, Geese and Turkeys made a good display and several excellent exhibits were penned. Bantams were not nearly so well supported as I expected. The classification was good as were many of the exhibits.

INTERNATIONAL STANDARD

I was glad to have the opportunity to discuss with several of your leading men the question of an International Standard. I am absolutely certain that something will shortly have to be done, and although difficulties, and perhaps great, are bound to be encountered, I can see no real reason why we cannot come together. It is a question of give and take and surely we can play that game, especially when it is for the good of the whole poultry world. No amount of writing can ever do the same good as straight talking, and if, as I hear, it is more than probable that some of your best men are going to honor us with their presence at our next Crystal Palace Show, may I respectfully suggest simply as an individual that we have a meeting to at any rate kick off and start the ball rolling. In concluding this little criticism on your great show which I so thoroughly enjoyed, I heartily wish to thank all those that showed great kindness toward me and they were many. I regret that I was unable to accept all the invitations extended to me, perhaps at a future time I may be able to accept. I can assure all American fanciers who come over to our shows a hearty welcome on behalf of the British Poultry Public.

TOP NOTCH BARRED ROCKS

One of the most beautiful catalogues devoted to Barred Plymouth Rocks is the one issued by Top Notch Farms. But it is just what we expected from the owners of that great and splendidly equipped poultry plant, one of the finest on Long Island, N. Y.

There are numerous stars in the Barred Rock collection at Top Notch, but the cock, "Sensation," winner of second prize as cockerel at Madison Square Garden, New York, in 1909-10, is the bright particular one of them all. He was, and is, one of the greatest Barred Rock males ever exhibited, his color being particularly bright and his barring exceptionally even, sharp and well defined. Another great cockerel is the winner of first prize at the Grand Central Palace Show, (December, 1911). We strongly advise all Barred Rock fanciers to send to Henry Cundell, manager Top Notch Farms, Water Mill, Long Island, N. Y., for the above mentioned catalogue.

PRESCOTT'S ORPINGTONS

Among the successful Orpington breeders of New England, Henry B. Prescott, Derry Village, New Hampshire, occupies a prominent place, as his winning in the White, Buff, Black and Diamond Jubilee classes at New York and Boston in the past year will show. Mr. Prescott has twenty-two yards mated up for this season, and they are composed of the very choicest blood lines, the females in some pens being but four or five in number, the object being to produce quality, not quantity.

Orders for settings this year will be made up from a few eggs selected from each of the pens of the variety wanted, and as there are only choice birds in these pens, customers should be well pleased with the results. Mr. Prescott guarantees all eggs fertile and agrees to replace all clear eggs at once free if returned to him, express charges prepaid. His mating list for 1912 will be sent free to all who apply for it.

MONMOUTH POULTRY FARMS

Buff Leghorns rank next to White Leghorns in popularity and are gaining new friends each year as their splendid qualities are becoming more widely known. They rank with the White Leghorns as prolific layers, but surpass them as squab broilers for market. To see Buff Leghorns in all their glory, under the most favorable environments, a visit to Monmouth Poultry Farms, Freneau, N. J., is about the best advice we can give lovers of this beautiful fowl. Visitors will find houses, yards and appliances there that are strictly modern; methods that are advanced, and pens of Buffs that you can linger over and admire by the hour, and they will meet J. C. Punderford, the proprietor, a most courteous gentleman and thorough poultry fancier, ever ready to entertain his visitors, as well as advise and interest them in the art of breeding, feeding and handling Leghorns for market and exhibition.

The 1912 catalogue issued by Monmouth Poultry Farms is a large and beautiful book, the art work being excellent, notably the three full page il-

lustrations of the pens that won the blue ribbon at the Madison Square Garden three years in succession, and the splendid portraits by Schilling of the first and third cockerels, winners at Madison Square Garden, N. Y., 1912. The birdseye view of Monmouth Farms is also a fine piece of work. As a successful combination exhibition and utility plant, we do not believe Monmouth Farms is excelled, if equaled by any in this country. The 1912 catalogue should be read by every Leghorn breeder. It will be found a pretty good guide for the beginners, as well as to some professional breeders.

W. G. FENTON, MT. CLEMENS, MICH.

At the Cleveland show, W. G. Fenton, proprietor of Fenton Farms, Mt. Clemens, Mich., made a grand winning. Columbian Wyandottes seem to be coming to the front more than ever, and this year Cleveland had an especially strong show of them. Mr. Fenton showed a grand string and is to be congratulated in winning 1, 2 cock, 3 hen, 1 cockerel, 2 pullet and 5 pen.

What Better Blood Lines Can You Get?

What you sow that Kellerstrass White Orpingtons Duston White Wyandottes Oakland White Leghorns also shall you reap.

When you want quality we have the best, and our prices for stock and eggs are as low as good judgment will permit. At Dallastown, Penna., Dec. 1911, we won as follows: 1st pullet, 2nd cock, 2nd cockerel, 4th hen. At Glenn Rock, Penna., Dec. 1911, we won 1st cockerel, 2nd cock, 2nd pullet and special on cockerel. PRICES OF EGGS—12 eggs guaranteed fertile out of each setting. White Orpingtons, \$4 per 15 eggs. White Wyandottes, \$3 per 15 eggs. White Leghorns, \$1.50 per 15 eggs. Write us your wants, we guarantee to please you.

SCHLAYBACH & FRANCIS, Office, John Hartman Bldg., YORK, PA.

AT THE GREAT HAGERSTOWN FAIR

In the strongest class of Columbians ever shown in the south, we won, 1, 2, pens, 1 cock (special for best Columbian in show) 1st hen, 2, 5 cockerel and special for best display. We have never been defeated in competition. Shape, color and markings are up to the standard. We also breed White Wyandottes and White Orpingtons of the same high Quality. Stock always for sale and eggs in season. Address

MOUNTAIN STATE POULTRY YARDS,

S. E. TIFFNEY, Prop.

ELKINS, W. VA.

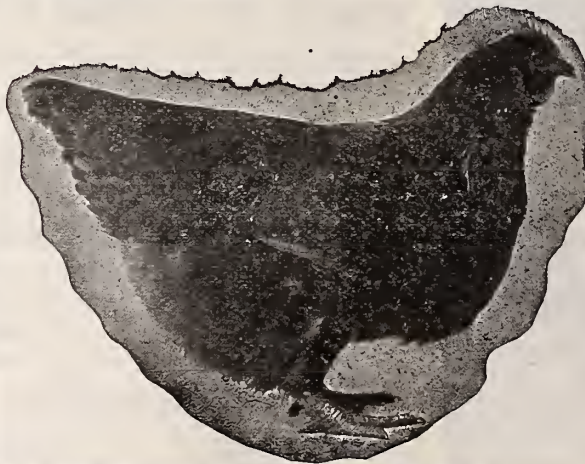
FOGG'S

S. C. WHITE LEGHORNS

are bred for Heavy Laying and Exhibition Quality. If you want the Best for your money in Baby Chicks, Eggs for Hatching and Breeding Birds, send for booklet and mating list now. No order too large or small.

N. V. FOGG, Box W, MOUNT STERLING, KY.

"Cunningham's P. R. P. F." Single Comb Red Island Reds



"State Cup Winners" 1910, 1911 and 1912. Blue Ribbon Winners at Boston, Mass., Portland, Me., Manchester, Derry, Dover, Rochester, N. H., etc. Send for our handsome mating list, contains pictures of our winners, in color—FREE.

Portsmouth Road Poultry Farm

EXETER, N. H.

E. W. CUNNINGHAM,

Owner and Manager.

Bred and Owned by E. W. Cunningham, Exeter, N. H.

THOS. PEER, CALDWELL, N. J.

So far as our knowledge goes, Thos. Peer of Caldwell, N. J., is the oldest breeder and exhibitor of Single Comb Buff Leghorns in America. Mr. Peer's Strain has been line bred since 1890, and have regularly won their share of honors at Madison Square Garden year after year during the past dozen or more seasons. Time and again birds of Mr. Peer's breeding, exhibited at this great show, have excited the admiration of lovers of Buff Leghorns and the envy of competitors. His birds are noted for their size and style as well as rich golden buff color. Mr. Peer also breeds Single Comb Duckwing Leghorns. While not seen frequently in the show room, this is not a new member in the Leghorn family as many might suppose. Nevertheless there are few varieties that are as handsome. In color the males are silvery white and black, the two colors forming a beautiful contrast, the females are a light grey with salmon breasts. Silver Duckwing Leghorns have the reputation of being very hardy. When E. G. Wyckoff was breeding this variety he stated that they were the best layers at Valley View Farm. Mr. Peer is booking orders for eggs for hatching from both varieties. He has published a mating list describing his matings that he will be glad to send on request to all who are interested. As well as being a member of the American Leghorn Club, Mr. Peer is secretary-treasurer of the National S. C. Buff Leghorn Club. He enjoys the confidence of his fellow-breeders, and those who do business with him can always depend on fair treatment of their orders and business.

LEG BANDS

A factory manufacturing nothing but leg bands might appear to many upon first thought as being a small institution. A leading industry of a thriving town is such a factory. T. Cadwallader, Box 1112, Salem, Ohio, is sole owner and through perseverance and shrewd business acumen has developed an immense business, shipping his goods to every part of this country and to foreign countries as well. Not always has Mr. Cadwallader been blessed with an abundance of this world's goods, but the enormous business he has worked up has placed him on the easy road. It oftentimes is the little thing, in order to insure success, that deserves attention. Mr. Cadwallader thought the thing out along these lines and today spells success with a capital S. Leg Bands are receiving nearly as large a call now as during the show season. Breeders have learned to keep strict egg records and in order to do this and to weed out the old hens, bands must be used. Simply band the pullets with one series of numbers and the hens with another series. If you have never done this, do so now, and this fall there is no chance of disposing of any of your pullets or the yearlings that can be carried over as highly profitable.

CAMPINEOLOGY

The famous Belgian fowl, the Campine, is attracting much attention just now in England, where it has undergone a thorough process of reconstruction with the result that it is now one of the most striking and attractive breeds among Standard-bred races of Poultry. Its wonderful laying qualities have long been known, and now that its exhibition qualities are fixed and up to a high standard, we believe Campines will become very popular. J. Fred N. Kennedy, Birch Cliff, Ont., Canada, importer and breeder of Campines, has just issued a handsome book entitled Campineology, and in which he gives the history and description of the Campine fowl, accompanied by a number of handsome illustrations, among which is a color plate reproduced from a painting by the English poultry artist, Wippell, of a pair of Silver and a pair of Golden Campines. This book also gives the Campine Club Standard. All interested in Campines should write to Mr. Kennedy for a copy of this valuable book.

F. J. PHELPS, BUCYRUS, OHIO

We are advised by F. J. Phelps, Bucyrus, Ohio, breeder of White Plymouth Rocks that he has a few extra good cockerels yet for disposal. To those who are in search of first-class birds to head a breeding pen this season, one of these birds will prove of exceptional value. Mr. Phelps is also booking orders from four grand matings and judging from his winnings at recent exhibitions he has the quality. Readers interested in this variety should look up his advertisement in another column of this publication and write him for further information.

\$7.25 Buva MANKATO INCUBATOR
130 Eggs....

This reliable, high grade and safe hatcher is now better than ever and down to bed rock price. Sold under a binding guarantee and long term trial.

MANKATO INCUBATOR CO., Box 869, MANKATO, MINN.

WHY LET CHICKENS SUFFER

When an application of Palmer's Lice Killer will destroy all the lice and mites. Coops can be kept sanitary with Palmer's Lustrala—A Coal Tar Product—one gallon makes fifty. One gallon Lice Killer and one gallon Lustrala with two 50c. sprayers for \$2.60, to introduce our goods. All charges prepaid. Money back guarantee. Good proposition to Agents.

Keystone Laboratories Co., Warren, Pa.

PARTRIDGE COCHINS BRED CHAMPIONS OF AMERICA

Correct in type and color. NONE BETTER. Write me.

H. J. FULLER,

R. F. D. 7,

SCHENECTADY, N. Y.

HEIL'S S. C. BUFF LEGHORNS (America's Best) Won the \$25 special for the Beat Display at Madison Square, N. Y., Dec. 1911. The only exhibitor that won through the whole class. Grand Pens mated for the egg trade. 1912 Catalogue and Mating List Free.

WILLIAM H. HEIL,

R. F. D. No. 3,

EASTON, PA.

S. C. WHITE ORPINGTONS

Having purchased eggs from "Kellerstrass Famous Pen of 30" two years ago and reinforced them by birds from Kellerstrass, Bullington and Jones of Wisconsin. I am now able to dispose of a few extra snow white birds of extra quality.

Eggs \$5.00 and \$10.00 per 15. Book orders early.

ROBERT S. DOMBAUGH, M. D., 1213 E. Church Street, MARION, OHIO

Imperial Strain Columbian Plymouth Rocks

Have been line bred for five years by the originator of this strain.

A. A. WHYLAND, CHATHAM, N. Y.

Every Poultry Raiser Needs This New Corning Book

BECAUSE-- It's a Complete Story of the Corning Egg Farm, from its Start right up to the Present Moment.

BECAUSE-- It tells in full detail how the Corning Egg Farm, in less than six years, has been able to earn, from the sale of Sanitary Fresh Eggs for the Table, and surplus Hatching Eggs and Stock, almost every penny of the \$40,000 invested in the Farm, Buildings, Stock and Equipment.

BECAUSE-- It tells about the **Marvelous New Method of Feeding for Eggs** Never Printed Anywhere Save in This New Corning Book.

On the Farm, in the last two years, we have worked out the Corning Method of Breeding and Feeding to such a point that the percentage of **Fertility of Hatching Eggs is Tremendously Increased**

Everyone interested in poultry needs this new, most up-to-date book, because it is a record of what **HAS BEEN ACCOMPLISHED** on an Egg Farm—not the story of what might be done under certain conditions, but what **HAS BEEN DONE EVERY DAY RIGHT ON THE CORNING EGG FARM**, where daily records have always been kept—so that results are positively known.

No matter how successful you may be, as a breeder or an egg producer, you will get more than one thing in this New Corning Book worth many times the cost to you. If you are not getting along as well as you feel you are entitled to, take this New Corning book as your guide and **SUCCEED**.

The publisher of one of the leading poultry papers writes: "I have never seen another place like Corning's, and the New Book is one of the most truthful statements ever made regarding a poultry plant."

The Corning Method has a great advantage in that it is adaptable for a few hens on the lot, and on up to the largest flocks on commercial farms.

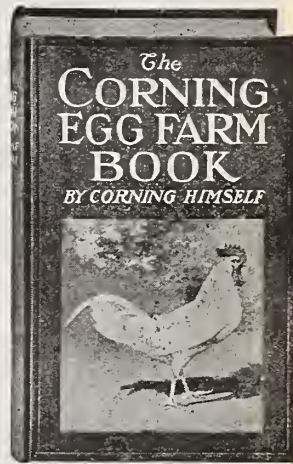
THIS BOOK IS MAGNIFICENTLY ILLUSTRATED

with 36 half-tone pictures from photographs—full page and larger; 39 pen and ink drawings, giving plans of the buildings with measurements and specifications, so that you can reproduce any house; a large ground plan of the entire Farm, showing the model lay-out of the buildings.

You cannot get, at any price, anywhere, the equivalent of what is found in the Corning Egg Farm Book, and everything is written in plain language, so that anyone of ordinary, average intelligence, with the Corning Egg Farm Book only as his guide, can duplicate the success of the Corning Farm.

Bound in Rich, Blue Cloth, Stamped in Gold, and with Cockerel in Colors. 216 pages, text in clear type, on fine paper. A magnificent reproduction of an oil painting, in all its glorious colors for the frontispiece. Price, \$1.00 postpaid.

CORNING EGG FARM, Bound Brook, New Jersey.



WHERE ORPINGTONS THRIVE

High up among the fertile hills of Dutchess County, New York, near the village of La Grangeville, Grannis Brothers have established an Orpington plant that is a winner. It is strictly a business enterprise, conducted by Messrs. Grannis personally.

One of the features on this farm is the "Day Old Chick Plant" equipped with a Hall Mammoth Incubator, having a capacity of 6,000 eggs at one time. Grannis Brothers have made a specialty of shipping day-old chicks and found it paid handsomely. But they know how to grow the right kind of chicks hatched from the right kind of eggs, produced by the very choicest Buff, White and Black Orpingtons raised under the most favorable climatic conditions. Their beautiful new catalogue for 1912 is now ready and will be mailed free to all who send their name and address with stamp enclosed to Grannis Bros., La Grangeville, Dutchess Co., New York.

HOUDANS

We have with us an advertiser, Scott A. Clark, Box W, Sullivan, Ohio, of Houdan fame. Mr. Clark through years of experience with this breed has developed an egg laying strain second to none, and the size of the eggs, at the below zero rate, ought to bring about a dollar a dozen. The fancy end of the business has not been neglected and many are the ribbons and trophies he has won on the field of conquest at the leading shows of the country. The Houdans of course are a French breed and the French people are the great

connoisseurs when it comes to meat food. So the Houdan makes one of the justly celebrated dishes that gladdens the Frenchman's heart and palate. With all the Houdans good qualities, with no combs to freeze, it is a wonder that Mr. Clark moves along in an easy manner and quietly does a most satisfactory business with his favorites.

WHITE AND BUFF ROCKS

While at a recent Cleveland show, we had the pleasure of meeting C. F. Webster and E. H. Lichtenwaller, both of Girard, Pa. It is a pleasure to meet such gentlemen as these, and the week of the Cleveland show found them in a happy mood. Mr. Webster repeated his great Madison Square Garden winning at Cleveland, capturing three firsts and other prizes with his White Rocks. Mr. Lichtenwaller seemed to have a walk-a-way, taking in an easy manner all five firsts on Buff Rocks. Those caring to know more about the birds belonging to these men should write them, mentioning Box W.

PAUL P. IVES

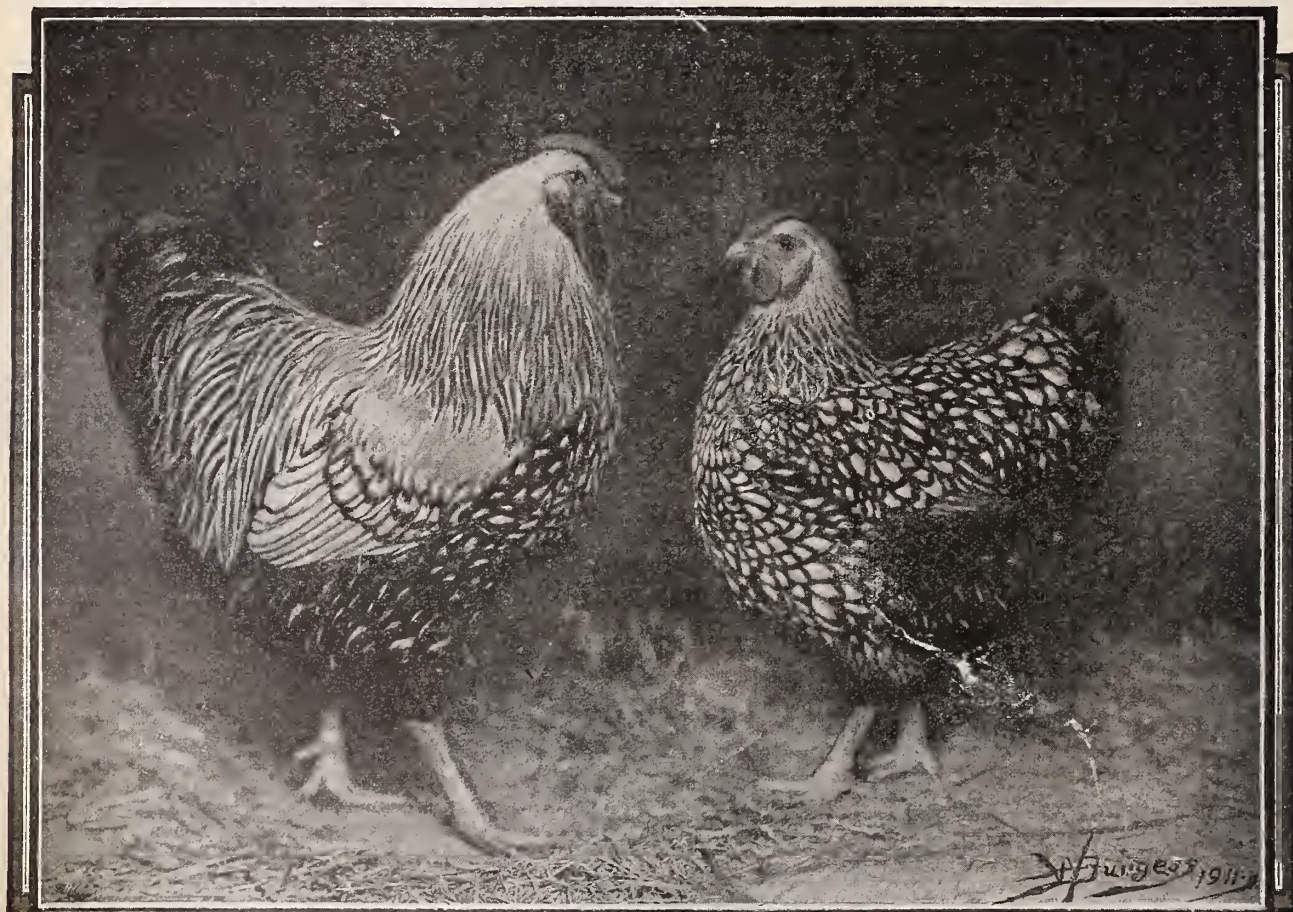
In the winnings of the AMERICAN POULTRY WORLD advertisers in connection with our report of the Boston show, we failed to give Paul P. Ives credit for winning first pen. In addition to winning first pen, Mr. Ives is also credited with 2d and 3d cock, 4th and 5th cockerel and 4th pullet. As the pen prize is the one most coveted in any class, we are only too glad to make the correction and give Mr. Ives full credit to which he is entitled.

IDEAL TRAP-NESTS

The points in favor of the use of trap-nests are so generally known to progressive poultrymen that it is not necessary to argue in their favor. Among those that have proved very popular and that are being used by a large number of leading poultrymen is the Ideal, invented and patented by F. O. Wellcome, Box W., Yarmouth, Me. Nests made according to Mr. Wellcome's plans have been made at a cost of 5 cents each. He sells plans, traps, bands and record sheets. Twelve of the latter will keep the egg record of 25 hens for a year. These record sheets make a great saving in time and no poultryman should try to get along without them. Those who are not using trap-nests and those who are dissatisfied with their present style of nests, should send to Mr. Wellcome for his circulars. They contain a great deal of interesting and valuable information and may be obtained free on application.

WILLETS REDS

The 1912 mating list of Quality Yards, Sherburne, N. Y., briefly and clearly sets forth the merits of the Single Comb Rhode Island Reds bred by W. M. Willets, originator of the Quality Strain. Mr. Willets does not breed Reds on an extensive scale, but confines his matings to a few choice pens each year. This in a great measure accounts for the success he has met with in exhibiting his birds and in selling stock and eggs to his customers. He has bred and sold many blue ribbon winners for some of the large shows. Send for his circular, it will interest you.



FIRST COCK $\frac{1}{2}$ FIRST HEN AT WYANDOTTE CLUB SHOW TOPEKA KANSAS, JAN. 1911. BRED AND OWNED BY A. $\frac{1}{2}$ E. TARBOX YORKVILLE ILL.

Silver Laced Wyandottes, bred by A. & E. Tarbox, Yorkville, Ill., have won international fame for these breeders. The Messrs. Tarbox have bred them for more than a quarter of a century, and they are, with probably one or two exceptions, the oldest breeders of this variety in America. In the above illustration is shown two of their first prize winners at the club show held a year ago. Illustrations of many other winners will be found in their circular which can be obtained on request.

POULTRY WORLD AFFAIRS

On Tuesday, January 23, 1912, "The Cream and Egg Special" left St. Louis on the Rock Island for a five days' trip to Kansas City. Thirty stops were made and over 14,000 people listened to the lectures. The speakers were C. H. Eckles, R. H. Emberson, and H. L. Kempster from the University of Missouri, who talked upon dairying, rural education and poultry raising; P. P. Lewis, president of the State Board of Agriculture, J. Kelly Wright, Institute lecturer, G. W. Davis, state inspector of public schools, and H. M. Cottrel, Agricultural Commissioner of the Rock Island lines.

The interest manifest along the route was exceptional. At Union special prizes were given to induce local people to attend. Brass bands met the train at many of the stops. Stores closed during the visit of the train. Some towns had three times their population represented and in one town the school children had walked two miles to listen to the talks. At every stop close, eager attention was noticeable, which comes only from a desire to learn. Special attention was given in the lectures to the economical handling of the corn crop by means of the silo and the necessity of maintaining the fertility by the proper rotation of crops and dairying. The poultry speakers urged the more perfect sanitation, range for growing stock, better methods in handling the poultry flocks and their products and the importance of keeping records; while the children listened to talks upon school problems, testing seed corn, bread types, etc. Each speaker urged the more careful attention to improving the home life on the farm in addition to making the farm activities more profitable.

The interest in poultry raising was in keeping with the general interest manifest. At many places people were keeping records of their sales and their reports were favorable, and some were using the special trade as a means of disposing of their product. At one town the bankers and business men were contemplating finding a market for the poultry products—a duty which the business men have overlooked, but which means not only more profits for the farmer but himself as well. Sixty talks were given during the week upon poultry raising and no doubt some good will result, which will add more and more to the credit of the Missouri hen.

The twentieth annual meeting of the American Barred Plymouth Rock Club was held at Philadelphia, De-

ember 13, 1911. Thirty-three members were in attendance. The secretary's report of the previous meeting, as printed and mailed to members, was read and approved. The treasurer's report showed that there was over Five Hundred and Ninety Dollars (\$590) on deposit with which to meet the bills for the present show season.

The following officers were unanimously elected: President, A. C. Smith, Waltham, Mass.; Vice-Presidents, Victor Bradley, H. M. Kenner, C. L. King, C. H. Latham, William Barry Owen, C. H. Shaylor, C. B. Thompson; Executive Committee, D. M. Covert, S. S. Divinia, A. C. Hawkins, Reese V. Hicks, S. K. Willard, H. P. Schwab and C. H. Welles; Secretary-Treasurer, H. D. Riley.

Show committees to further the interest of the variety at New York, Boston, Philadelphia and Topeka were elected. The secretary read a list of nearly three hundred applica-

tions for membership and all were unanimously elected.

The secretary was instructed to have printed five thousand copies of the constitution, and to accept advertisements at \$10 per page to help pay for same.

From every standpoint, membership, activity, prospects, and finance, the club is in better condition than for years.

State cups have been allotted in twenty states or more. These are the most valuable given by any specialty club and vary in value from \$12.50 to

Rowley's White Rocks R. C. Black Bantams
At the great Trenton, N. J., Fair, we won on White Rock. 1 hen, 1 cockerel, 3-4 cock, 5 pullet. R. C. Black Bantams 1 cock, 1-2-3 hen, 1-2-3 cockerel, 1 pullet—competition was keen but our quality won out—it will do the same for you. Try us. Stock or eggs for sale. Satisfaction guaranteed.
EDWIN ROWLEY & SONS, TRENTON, N. J.

S. C. BUFF LEGHORNS

the quality kind. A few cocks for sale at \$3.00 up.

HICKORY HILL POULTRY FARM
Robt. P. Adams, Prop.,
R. F. D. No. 1, LYNCHBURG, VA.

QUALITY ROSE COMB RHODE ISLAND REDS My winnings again this season in winning on every bird exhibited at Buffalo and Rochester, N. Y., with two different strings of birds, proves I have the quality kind, also a good winning at Grand Central Palace, N. Y. Eggs for hatching. Send for Mating List.
E. M. DUTTON, NEWFANE, N. Y.

"PURE GOLD" BUFF WYANDOTTES

Make a Great Win. at Boston's "Great Show, 1 and 2 Cock, 2 and 3 Hen, 1 Cockerel, 1 Pen. I have the grandest matings of any breeder of Buff Wyandottes and if you want eggs you will do well to see what I can offer you. I breed the best. Be sure to write me.

HENRY R. INGALLS, Box 33, GREENVILLE, N. Y.

Get FERRIS WHITE LEGHORNS

for your foundation stock. They have been bred for years to win and pay. Large, vigorous, great layers. Winners at St. Louis Toledo, Detroit, Pittsburg, Louisville and the Michigan, Indiana, Iowa and Tennessee State Fairs. Exhibition birds of finest quality at reasonable prices. All stock raised on free range—4,000 to select from. We sell on approval and guarantee perfect satisfaction. Send for 40 page illustrated catalogue giving prices and full particulars—tells just why Ferris Leghorns are such profitable winners. A postal will bring it.

GEORGE B. FERRIS, 558 No. Union, GRAND RAPIDS, MICH.

WATSON'S CELEBRATED STRAIN OF R. C. RHODE ISLAND REDS

are the greatest payers for they are the great winter layers. Golden Princess laid 291 eggs in a year; 50 hens averaged 240 in a year. William Loynd of Mass., got 240 eggs in a year from my strain. Cockerels and eggs for sale. Booklet free.

IRA P. WATSON, Box G, FREDONIA, N. Y.

Before You Build or Buy

Get Our Big New Catalog — See How Much You Save by buying Potters Portable Factory-made Fresh-air Houses; coops, feed hoppers, fountains, vermin proof roosting and nesting fixtures, etc. — ever thing for poultry owners. Highest grade and cheaper than you can make at home.

Ten Years' Experience
Houses made of matched Red Cypress flooring. Painted 2 coats. Every house set up and fitted perfectly at our factory. Shipped to you in convenient sections. Price for 25-Hen House complete with roosting and nesting fixtures, \$22. Twenty other sizes and styles to select from. Lowest prices. Book full of good ideas for poultry keepers. Mailed for 2 Red Stamps. Write today. **Potter & Company, Box E16, Downers Grove, Ill.**

GET POTTER'S CATALOG
SAVE MONEY ON HOUSES AND FIXTURES

THE THREE Y'S

The three wy's or reasons you should place your order for Day-Old Chicks or Eggs for Hatching with us are: **QUALITY, VITALITY, UTILITY.** We are specialty breeders of first quality Single Comb White Leghorns. We guarantee safe delivery of chicks and fertility of eggs. Mammoth Incubators, capacity 20,000 eggs at one setting. Write for illustrated booklet. It is free.

SPRING WATER POULTRY FARM, Frank J. Epple, Prop., STOCKTON, N. J.

\$25, while the value of the national cup this season was \$50.

We want the assistance of every Barred Rock Breeder and will assist every Barred Rock breeder.

Those who wish to join may do so by sending \$1 fee to either A. C. Smith, president or H. D. Riley, secretary-treasurer, Strafford, Pa. A. C. Smith, President, Waltham, Mass.

—o—

The annual meeting of the American Dorking Club was held in Mechanics' Building, Boston, Mass., January 12, 1912. Henry Hales of Ridge-wood, N. J., president of the club, occupied the chair. The meeting being called to order the reports of the various committees were read and approved. The reports of the secretary and treasurer were read and approved, and showed the club to be in splendid financial standing. The following officers were elected for the year: President, Henry Hales, Ridge-wood, N. J.; First Vice-President, George B. Inches, North Grafton, Mass.; Second Vice-President, M. R. Jacobus, Ridgefield, N. J.; Third Vice-President, John S. Cope, Auburn, Germantown, Pa.; Secretary-Treasurer, Robert Officer, North Grafton, Mass.

The club was informed that there was a move on foot to form a Dorking club in the West. The sentiment was that we extend to them our congratulations and wish them every success. Robert Officer.

—o—

Announcement is made by H. L. Davis, secretary Springfield Poultry Club, Springfield, Mass., that his club is planning for a very high grade and elaborate poultry show for December 10 to 13, 1912. The show is to be held in the new two million dollar City Hall, which building will have the finest exhibition hall in New England. Secretary Davis expects more than 2,000 birds will be entered at this initial show of the Springfield Poultry Club. This will prove good news to New England poultry fanciers, as Springfield in past years pulled off some great shows under severe handicaps. Now that a great show hall is assured, a great poultry show is a certainty.

—o—

The annual meeting of the National Columbian Wyandotte Club was held at Cleveland, Ohio, January 25, 1912, and a good representation of the membership was present. The increase in membership was 115 for the year and it is confidently hoped to double the present membership. It was voted that the Club Secretary represent the Club at all meetings of the American Poultry Association. Resolutions were passed upon the death of Brother C. H. Dillon, Cincinnati, Ohio.

The following officers were elected: President, Walter G. Fenton, Mt. Clemens, Michigan; Vice-Presidents, Charles D. Cleveland, West Orange, New Jersey, S. E. Tiffany, Elkins, W. Va.; Thomas S. Falkner, Tiffin, O.; Prof. A. A. Brigham, Brookings, S. Dakota; J. W. Whitney, Uplands, Cal.; Secretary-Treasurer, Ralph Woodward, Grafton, Mass.; Executive Committee, the President, Secretary-

Treasurer and George F. Eastman, Granby, Massachusetts; J. P. Keating, Westboro, Mass., Charles D. Cleveland, West Orange, N. J., S. T. Campbell, Mansfield, O., Dr. C. J. Andrus, Canandaigua, N. Y. The Club Catalogue will be issued about March 1st and besides giving the list of members will contain interesting articles by prominent Columbian Wyandotte breeders. Membership dues are \$1.00 per year and applications for membership and request for catalogue should be sent to Ralph Woodward, Secretary-Treasurer, Grafton, Mass.

—o—

The annual meeting of the American White Orpington Club was held at Indianapolis, during week of Feb. 5 to 10, in connection with the exhibition of the Fanciers' Association of Indiana. The attendance was larger than at any previous meeting. Report of Secretary showed a good fund in

the treasury and a good, flourishing condition. 500 new members were enrolled during the past year, making the club membership now over the 1000 mark.

A committee was appointed to confer with the committee of the A. P. A. on Standard type of the White Orpingtons. Officers for 1912 were elected as follows: Ernest Kellerstrass, President; E. B. Rogers and Dr. E. C. White, Vice-Presidents; F. S. Bullington, Secy-Treas.; Ex. Com., Lawrence Jackson, Chairman, Jno. W. Aldrich, W. Barry Owens, Claude E. Kellogg,

Baby Chicks Live or Die As Their Vitality is High or Low

All about it in Free Pamphlet.

Address Box 116 J B, BROWN'S MILLS, N. J.

BISHOP'S BLACK LANGSHANS one hundred exhibition cockerels and pullets, every one containing the blood of New York, Boston or Chicago first prize winners, for delivery during December and January. Very fine birds in shape and color and fit to win in any competition. Let me furnish your winners. Can ship anywhere. A few grand exhibition hens for sale. Descriptive, illustrated catalogue free. R. W. BISHOP, R. F. D. No. 2, GUILFORD, CONN

HATTON'S S. C. BUFF LEGHORNS America's Best Blood Lines First prize cock bird at Chicago and Boston will head my first Pen. Winners wherever shown, write for mating list. Eggs \$3 and \$5 per 15. R. K. Hatton, R. F. D. No. 4, Attica, Ohio

Buff and Black Orpingtons White Wyandottes and S. C. Rhode Island Reds

Eggs and Stock for sale at reasonable prices.

F. B. CRAWFORD,

RAHWAY, N. J.



THE CLARK FEEDER

Little in Cost

Immense in Value

The most practical feeder ever invented for chicks and large fowl. Selling like hot cakes. Retail 50, 75 and \$1.00.

Send for agents special prices.

Geo. L. Clark,

Mt. Gilead, Ohio

"Riddell's Matchless Buff Wyandottes"

Recent winnings, New York State Fair, September, 1911. 1st pen old, 1st pen young, 4th cock, 4th hen. 1st cockerel, 2nd pullet.

New York State Fair, 1910. 1-5 cock, 1-3-5 hen, 1-5 cockerel, 1 pullet, 1 pen old, 1 pen young.

New York State Fair, 1909. 1-2 cock, 3-5 hen, 2-4-5 cockerel, 3-4-5 pullet, 1-2-3 pens old, 3-4 pens young.

Madison Square Garden, 1910-11. 1 cockerel, 1-3 hen, 1 pullet, \$25 cash special best display. All specials offered, including Club Challenge Cup for Best Buff Wyandotte in the show, on 1st cockerel.

Many of the above winners for sale. 30 cocks, 150 hens, 400 chicks to select from. Satisfaction Guaranteed. I own the birds I show and breed 99 out of every 100 of them.

ANDREW RIDDELL,

R. F. D. 6,

Box 26-A,

GREENWICH, N. Y.



\$1000 EXTRA This Year for You

WHY NOT? You can do it, just as easily as hundreds of others. Yes, thousands of people are doing it, every year, with my assistance. And many are making more—up as high as \$5,000, and even higher! Why not you? You don't need any experience at the start. Just send for my free book, "Raising Poultry for Pleasure and Profit" and learn all about it. I will tell you just what to do every day. It is easy to make money with

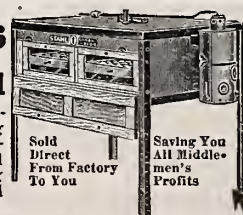
STAHL'S EXCELSIOR INCUBATOR

—the sensational incubator that's different—years ahead of all others. Works automatically—a child can run it. Exclusive Heating arrangement which makes STAHL'S EXCELSIOR the only incubator which heats all portions of the egg-chamber evenly. Automatic egg turning device, found on no other incubator. Thermometer on top always readable at a glance. Other exclusive features very important to your success.

Send Today - FREE BOOK Just a postal will do. I will tell you about the exclusive advantages of my wonderful incubator. Tear out this ad NOW as a reminder.

Direct-from-Factory Prices

GEO. H. STAHL, 221 Oak St., Quincy, Ill.



Sold Direct From Factory To You

Saving You All Middlemen's Profits



One of Henry W. Al's high class S. C. Rhode Island Reds. This bird was in the first prize pen at the Great International and in type and color is an exceptional specimen.

Carl S. Byers, E. Kellerstrass and F. S. Bullington.

Every breeder of White Orpingtons should become a member of the club. The initiation fee is only \$1.00 which includes the year's dues in which you join, and yearly dues thereafter are only \$1.00, or life memberships \$10. Specials will be offered at every show in the country next season, open for competition to club members only. Information and application blanks will be gladly sent by F. S. Bullington, Secy, Box 328, Richmond, Va.

—o—

The letters which were sent out announcing a meeting of R. I. White breeders on February 8th, at Indianapolis, brought breeders from many states. As a result the Rhode Island White Club of America was organized, and starts with over seventy-five charter members. The officers elected for the coming year are:

President—Carl D. McCarthy, Kempton, Ind.

First Vice-President—C. W. Knox, Pulaski, Pa.

Second Vice-President—E. C. Bartlett, Borodino, N. Y.

Third Vice-President—H. W. Gosard, Chicago, Ill.

Fourth Vice-President—A. B. Duncan, Atlanta, Ga.

Fifth Vice-President—G. J. Simmons, Seattle, Wash.

Sec'y-Treasurer—Mrs. C. M. Vertrees, Cecilian, Ky.

Executive Board—One year, Clem Hunter, Englewood, Colo.; two years, R. W. Gault, Champaign, Ill.; three years, Elam Leary, Greenfield, Ind.

A year book will be published containing club standard to be used by breeders until the breed is admitted to the American Standard of Perfection. For further information write to the Secretary or President.

—o—

At a meeting of the S. C. White Leghorn Club of Central New York, held at the New Berlin Poultry Show, Jan. 25, 1912, the following officers

were elected for the coming year: Harry Parker, Edmeston, President; F. H. Pardee, New Berlin, Vice President; Edwin H. Chase, Edmeston, Secretary-Treasurer. Directors: L. B. Benedict, Norwich; J. H. Kales, Tunnel; Mrs. H. E. Hill, New Berlin; John G. Beeswick, Madrid Springs. Honorary Vice-Presidents: Wm. Stewart, Heuvelton, for St. Lawrence Co.; Warren N. Osborn, Camden, for Oneida Co.; Claude Sanders, Fort Plain, for Montgomery Co. C. A. Baird, Rochester, for Monroe

PARTRIDGE ROCKS

ALSO COLUMBIAN, Silver Penciled and Barred of high-class. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Box W, Charlotte, Mich.

ANCONAS New England's Undisputed Champions. Catalogue describing my grand matings and winnings.

QUALITY POULTRY YARDS, Hayward E. Beebe, Prop., WATERFORD, CONN.



Belle Brand Crushed Oyster Shells

Make Poultry PAY!

Tests show where these shells have been used—duration of test 22 days—number of eggs, 33; weight of eggs, 1489.6 grammes.

Where Sharp Grits were fed—test 22 days—number of eggs, 6; weight of eggs, 257.6 grammes. This is convincing argument why every poultry house or yard should have them. They'll make hens lay an egg a day, with firm, hard shell—less liable to break in shipment.

Belle Brand Crushed Oyster Shells supply Carbonate of Lime in natural form and acts as a grit, making them superior to any other poultry food on the market. Write for Free Catalogue to **LOUIS GREBB, BALTIMORE, MD.**

PARKINSON STRAIN OF ROSE COMB RHODE ISLAND REDS

Winners at Columbus, Ohio, Show, 1-2 cock, 3-4 pullet. Eggs and stock for sale in season.

FRANK H. PARKINSON,

FATASKALA, OHIO

FARRELL'S WHITE WYANDOTTES

Stock farm raised. Vigorous and healthy. Choice cockerels and pullets for breeders, \$3 to \$5.

J. J. FARRELL,

HALETHORPE, MD.

PEACEFUL VALLEY S. C. REDS

NONE BUT PURE TOMPKINS STRAIN

At the big Ohio State Show, Columbus, January 1912, won in hottest competition (Denny Judge) 1st and 4th cockerel and 2nd cock on three entries. We have been breeding good Reds for 6 years. Get our egg prices.

PEACEFUL VALLEY POULTRY FARM, R. No. 1, Fred W. Butler, Owner, Box 50, LINWORTH, OHIO

To Insure Against Delay Order Your Day-Old Chicks Early

We are booking orders for spring deliveries now, and are offering baby chicks at attractive prices from hardy, prolific egg laying strains of S. C. Rhode Island Reds and White Wyandottes. We guaranteed satisfaction and safe delivery.

HILLDALE POULTRY FARM, Krentel Bros., Props., EAST LANSING, MICH.

Reference Capital National Bank, Lansing.

S. C. Brown Leghorns Exclusively

BEST IN AMERICA SOME 1911 WINNINGS

First hen, first pullet, fourth cock, fifth cockerel, Grand Central Palace. First, second hen, first, second cock, third, fifth pullet, Silver Cup best display, shape and color ribbons for both male and female, Rochester, N. Y. State Club Show for Brown Leghorns. First hen, third cock, two entries, Madison Square Garden. Stock and Eggs for sale. Eggs, \$5.00 per 15. Send for Catalogue.

WM. REEPMAYER,

COHOES, N. Y.

Single Comb White Leghorns Exclusively

D. W. YOUNG'S STRAIN - THE FINEST IN THE WORLD

Four thousand breeders on my famous Free Range System. All the male birds pure White with those low tails so much sought after. Hatching Eggs now ready at \$6 per 100 in any quantity. Now booking orders for baby chicks for March and April delivery at \$12 per 100, capacity 3500 weekly. Order well in advance. Circular and Tes. Free.

EDGAR BRIGGS, Box 31, PLEASANT VALLEY, N. Y.

Co.; J. H. Kales, Tunnel, for Broome Co.

It was decided to get out a club catalog, which will contain a list of the officers and members and the by-laws. Copies of the catalog will be sent to any breeder in N. Y. State who will write for a copy. Send in your name at once to Edwin H. Chase, Sec'y, Edmeston, N. Y.

EASTON, PA., SHOW

At the annual meeting of the Easton Poultry Association, the following officers were elected to serve during the ensuing year: President, T. E. Daub; Vice-President, B. C. Roecker; Secretary, S. W. Godley; Treasurer, G. E. Dull. The reports of the Secretary and Treasurer were read and everyone was pleased to learn that a nice balance was left in the treasury. Eight new members were added to the already large list. The sixth annual show will be held the week of January 6th, 1913. The judges selected are: J. D. Koons, J. W. Bruckart and J. T. Baldwin, all men of well-known ability. \$500 in specials will be offered at the next show in addition to the regular premiums, which will make the premium list compare very favorably with the largest shows.

INTERNATIONAL POLISH CLUB

The International Polish Club makes its bow to the world, a hale and lusty youngster on principles as sound and a foundation as strong as the Rock of Gibraltar. As its name implies it will be international in scope and we hope international in fame. It will be known as the club that is different. It will not follow in the beaten path of other specialty clubs, but will be run on new and novel lines, by modern methods, modern ideas, strictly original and down to the minute. In order to accommodate all who wish to avail themselves of the opportunity to come in as charter

members our list will be held open until May 1. The International reserves the right to reject any application which it deems advisable to do so. And if any member is guilty of wrongdoing they shall be promptly and publicly expelled from the club. They will then belong to the down and out club.

Lest you forget, just a word about our club ribbons; they will be different—the most unique and handsome ever offered by any club. M. V. Caldwell, Sec'y and Treas.

WYEBROOK FARM S. C. REDS

The World's leading exhibition and utility Farm. Eggs \$10 per setting.

WYEBROOK FARM, LOUDONVILLE, N. Y.
C. H. WHITNEY, Prop.

Domineer White Wyandottes

Won eight Silver Cups and many Specials at Bloomsburg, Sunbury, Mt. Carmel, and Lewiston, Pa., winning males head every pen. Eggs \$1.50, \$3.00, \$4.50 per 15. Chicks, double egg price. Discount on quantities. Literature free.

J. NEVIN STROUP, MIDDLEBURG, Snyder Co., PA

Wilson's Indian Runner Ducks and Orpingtons, Buff, Black and White Our Indian Runners have won at land, etc., and are noted for their great type as well as color. Our Orpingtons have won at such shows as Ohio State Fair, Akron, etc. Eggs at reasonable prices. Get our Mating List.

WILSON FARM,

Route 11,

DOYLESTOWN, OHIO

PARTRIDGE ROCKS. RHODE ISLAND REDS.

I will have three choice pens of Partridge Rocks that will produce blue ribbon winners, also two pens of high scoring Rhode Island Reds. If you want quality come to me. EGGS, Rocks, \$2 to \$5 per sitting, Reds \$2 to \$4. Also colored Muscovy Ducks, Eggs \$2 per sitting. Let me describe my stock to you.

WM. ROCKWELL,

S. Summit Street,

MARION, OHIO

White Plymouth Rocks

(Exhibition and Utility)

As to quality of our stock, the only two shows we entered the past season brought the following prizes:—AT BROCKTON FAIR, 1911, 1st, 2nd, 3rd and 5th cock, with Shape Special on 1st with Color Special on 2nd. 3rd Cockerel, 3rd 4th and 5th hen, and the Gold Special. AT BOSTON, 1912, 2nd cockerel with Shape Special, 4th hen, 3rd and 4th pen. We offer from our flocks setting eggs by clutch or by 1000 also Day-Old Chicks and in season Capon Eggs (Brahma & White Rock cross). Send for circular,

KNOOLWOOD FARM, M. Abbot Frazer, Prop.,

Dept. 3,

TOWNSEND, MASS

WOULD YOU LIKE TO OWN The Latest and Most Practical Book on Poultry and Egg Production ever offered; A Book written by one who has made a Close Study of the subject, and who, by confining himself to Personally Demonstrated Facts, has produced an Invaluable Guide for every Poultryman? If you send To-day for a Copy of

THE WILLOWBROOK WAY?

The Book complete, with Plans, Formulas, &c., prepaid to your Address for 50 cents.

FREE OFFER

By ordering a copy of THE WILLOWBROOK WAY during the current month you will receive with it ABSOLUTELY FREE full directions for equipping your houses with our new EXERCISER COMPELLING SYSTEM. Can be installed practically without expense. Will increase your Egg Yield—add to the Vigor of your Fowls and, at the same time, reduce your care and maintenance cost. Don't fail to avail yourself of this Special and Unprecedented Offer NOW.

REMEMBER—THE WILLOWBROOK WAY and THE EXERCISER COMPELLING SYSTEM both for the price of the BOOK alone. SEND 50 CENTS TODAY and RECEIVE THEM BOTH BY RETURN MAIL.

THE WILLOWBROOK CO.,

Dept. 28,

JACKSONVILLE, N. Y.

PERFECTION FEATHER BROODER



Poultry raising completely revolutionized. No more smothered chicks, no chilling, no crowding. Better than a mother hen. What should have been thought of long ago.

WE'LL PROVE IT RAISES EVERY CHICK

Those who bought last year are ordering more for the coming season. The reason is because our method is the plain common sense way and gets closer to nature than any other method.

Send for catalog and full particulars. Free. WE MAKE FEATHER HOVERS TO FIT ANY OTHER MAKE OF BROODERS. WE ALSO MAKE A SPECIALTY OF FITTING UP LARGE BROODING HOUSES.

PERFECTION FEATHER BROODER WORKS, Box B, Blue Island and 14th Street, CHICAGO, ILL.

ROSE COMB BLACK MINORCA CLUB

The annual meeting of the International Rose Comb Black Minorca Club which was held in connection with the Scranton, Pa., Show, will be one long remembered by those who had the pleasure of attending. The Rose Comb Black Minorca class was the largest class in the show, there being 124 entries and thirteen exhibitors from the United States and Canada. The Rose Comb Black Minorcas are fast gaining on their Single Comb cousins and rival them in size, shape and fancy points in the show room. The members of the club have set 200 as the number of birds to be entered at their next club show.

The International Rose Comb Black Minorca Club has just issued a fifty-two page catalogue giving articles on feeding and caring for Black Minorcas and explaining the different points about this variety. No one interested in Minorcas or who is undecided as to what breed to start with should be without this book. It will be sent free to anyone who will notify the Sec., Lloyd C. Mishler, North Manchester, Ind., that they want a copy of the International R. C. B. M. Club Catalogue.

—o—

ROSE COMB WHITE ORPINGTONS TO BECOME A STANDARD VARIETY

Assurance has come to those who have in hand the new Rose Comb White Orpington Club that as soon as the membership of the club is large enough to assure the permanence of the breed, the application for admission to the Standard will be favorably received.

It is urged that all who are interested in the R. C. White Orpingtons to at once send their application for membership to the new club to the Secretary, Milton W. Brown, Cheviot Farms, R 8, Cincinnati, Ohio.

—o—

INTERNATIONAL SHOW DATES

The next annual exhibition of the International Show is announced to be held January 13-20, 1913, in the New Exhibition Hall, Buffalo, N. Y.

It is also announced that the third week in January will be the date of all future shows held by the Buffalo Poultry, Pigeon and Pet Stock Association.

With a hall especially fitted for exhibitions of this kind and capable of holding 6,000 exhibits on the main floor, the 1913 show promises to be a record breaker.

—o—

LEROY E. SANDS, HAWLEY, PA.

Leroy E. Sands of the firm of Sands & Beilman, Hawley, Pa., breeders of White Leghorns, wishes us to announce

that he has purchased Mr. Beilman's interest in the firm and that hereafter the business will be conducted by him. Sands & Beilman have built up a strain of heavy laying White Leghorns, and Mr. Sands intends to increase the facilities of the plant and will make a specialty of supplying day old chicks and eggs for hatching. They have already supplied the foundation stock for

several entering the business for the production of eggs and the success in this direction has been very satisfactory. To those who wish to secure White Leghorns with an established claim for egg production we would refer them to Mr. Sands advertisement on page 518 of this issue. Don't fail to mention AMERICAN POULTRY WORLD when writing.

EGGS BUFF WYANDOTTES EGGS

From Bred-to-Lay winners of Standard size that will produce strong healthy chicks equal to the Best in the World \$2.00, \$3.00, \$5.00.

T. C. BROWN,

No. Adams, Mass.

OVERLOOK POULTRY FARM,

S. C. WHITE LEGHORNS

E. C. Landers, Prop.,

WHITNEY POINT, N. Y.

We bought all the young stock from the Pine Top Poultry Farm last year, and will sell 100 good utility cockerels at a sacrifice. Send in your orders for day old chicks and eggs for hatching. No chicks shipped unless healthy and strong. Fertility of eggs guaranteed. Matured birds guaranteed. 1912 mating list mailed upon request.

A DOLLAR WILL DO IT

It will purchase a setting of thirteen eggs from our grand heavy winter laying strain of Sunset Buff Orpingtons. We name this low price, which will hold good for a short time only, so place your order at once and get some grand Buff Orpingtons for a very small outlay of cash. Remember 13 eggs for \$1.00.

Sunset Poultry Yards,

Churchville, N. Y.

Eakin's Wyandottes Winners at Cleveland 1912

Our White Wyandottes won at Cleveland in hot classes, 3rd and 4th cockerel, 5th pullet, 3rd pen and Medal for Best White Wyandotte Cockerel in Show. Our Columbians were big winners at Bucyrus the only time shown. Eggs for hatching, Columbians \$3.00, White Wyandottes \$5.00 per setting.

F. M. EAKIN,

Box 61,

BUCYRUS, OHIO

WHITE ORPINGTONS

Winnings 1911-1912.—1st cockerel, Toronto, Syracuse, Hagerstown; 4th cockerel, Madison Square Garden; 1st and 4th hen, 1st and 3rd cockerel, 1st, 3rd and 5th pullet and eight specials for shape and color, best male and female and best bird at the "Ontario," Canada.

WHITE FAVEROLLES

The sensational breed at New York, where my birds won two firsts, three seconds and one third. At the International, Buffalo, they won two firsts, three seconds, two thirds, one fourth; At the "Ontario" in the A. O. V. class they were awarded 2 firsts and 5 specials on two birds shown. My Salmon Faverolles won 1st cockerel and 1st pullet prizes at Madison Square Garden, Hagerstown and International, Buffalo. No more stock. Sale Prices of Eggs, White Orpingtons and White Faverolles, \$10.00 per setting; Salmon Faverolles, \$6.00 per setting.

J. E. COHOE,

WELLAND, ONTARIO, CANADA

Tompkins and Scrantons Reds

SINGLE COMBS EXCLUSIVELY

GEO. W. WHITE,

HAMILTON, MD.

MEMBER A. P. A.

The World's Best Weckler Buff Rocks

They have been line bred for this past 15 years and I have made a specialty of high class show and breeding birds. I have bred, showed and sold more prize winning birds than all other Buff Rock breeders in the State of Indiana. I have mated for this season 4 grand matings. They are mated for best results—every bird is a high class breeding bird as well as many of them prize winners in the show room. All true to Rock shape, up-to-standard weight, heavy bone, extra good eyes and combs. Eggs from this mating, \$5.00 per 15, \$8.00 per 30, \$20.00 per 100 Eggs. I have also mated a fine lot of utility birds, all large, good color, strong and vigorous. \$1.50 per 15, \$6.00 per 100 Eggs.

A. L. WECKLER,

BUNKER HILL, IND

BABY CHICKS AND EGGS FROM BRED-TO-LAY

S. C. White—ORPINGTONS—S. C. Buff.

S. C.—RHODE ISLAND REDS—R. C.

White—PLYMOUTH ROCKS—Barred.

WHITE WYANDOTTES.

S. C. W. LEGHORNS

WRITE FOR CATALOGUE—IT IS FREE

MIDLOTHIAN HATCHERY,

Box 300,

Tinley Park, Illinois

SUNNYBROOK FARM

High up between the first and second Orange Mountains, a short distance from the railway station at West Orange, New Jersey, lies Sunnybrook Farm, owned by Charles D. Cleveland, one of the most progressive and intelligent breeders of White and Columbian Wyandottes in this country. Mr. Cleveland has sent us his mating list for 1912, and it is a model in neatness, as well as in conciseness. Facts are stated in plain and convincing language, the description of the birds in his matings for 1912 being given with great care. The illustrations by Graham are very good and add greatly to the value of this excellently gotten up pamphlet. Sunnybrook Farm Wyandottes have had a long line of winnings at Madison Square Garden, Boston, Hagerstown, Chicago, Allentown, Trenton, Jamestown Exposition, and made a phenomenal record at the big Camden show, January 2, 1912, the White Wyandottes winning National White Wyandotte State Cup for New Jersey. Mr. Cleveland, will be pleased to send his new catalogue to readers of A. P. W. who are interested in the highest type of White and Columbian Wyandottes.

THE BROOKSIDE FARMS

"The Brookside System" is the title of a booklet issued by the Brookside Farms, breeders of Jersey Cattle, York-shore Pigs, S. C. White Leghorns, Banded Plymouth Rocks and White Orpingtons. Table eggs, eggs for hatching and day-old chicks are the special products of the poultry department.

The Brookside Farm is situated at Great Barrington, Massachusetts, in the heart of the Berkshire Hills, a county that abounds in fine estates and well kept farms. The little book describes in detail the advanced and correct methods of hatching, handling and shipping Day-Old Chicks, and this advice from "men who know" should prove of value to such of our readers who have not had any experience in this branch of the poultry business. It will also prove valuable to many that have had it. Address the Brookside Farm, Box B, Great Barrington, Mass., for a copy of the booklet.

HEWKE'S BUFF WYANDOTTES

T. S. Hewke of Middletown, N. Y., has been remarkably successful in breeding the very highest class Buff Wyandottes for exhibition and at the same time building up a wonderful laying strain. His record at the two shows held in New York City last year prove the quality of his stock. At the Grand Central Palace Show, (December 5-9, 1911), he won first pen and club ribbon for best colored female in a class of 83, also special for best undercolor in cockerel in a class of 41. At the Madison Square Garden, December 19-23, 1911, he won 8 ribbons on 10 entries including 1st and 2nd pullet and club specials for best shaped and best colored females in the show. As to the winter laying qualities of Hewke's Buff Wyandottes, the record of 768 eggs laid by 16 females in December and January is a record seldom equalled. Mr. Hewke's folder tells how to feed for heavy egg production.

WHITE BIRCH POULTRY FARM

The 1912 mating and price list of White Birch Poultry Farm is one of a class that a busy man likes to read. It is a model of brevity in describing the many excellent pens of Single Comb

and Rose Comb Rhode Island Reds mated up for this season. The impression one forms of this farm after looking the pages over is that it must be a very busy place conducted on business-like principles. Thirty-three pens of Rhode Island Reds mated for exhibition purposes, besides numerous utility pens, give an idea of the scope of the business. Besides there are some ex-

cellent pens of Indian Runner, Rouen and Pekin Ducks to look after. The records made by this farm at our leading shows are well-known and stamp Manager Withington one of the leaders in producing high-class Reds and Indian Runner, Rouen and Pekin Ducks. Send your name and address to White Birch Poultry Farm, Bridgewater, Mass., for a catalog.

ALT'S SINGLE COMB REDS**UNDISPUTED INTERNATIONAL CHAMPIONS**

This is conclusively proven by their duplicating their last year's victory—at the 1912 International. My first and second prize pens were the sensation of the show, winning the **Buffalo Brewers \$50.00 Trophy** for the best display of pens, both combs competing. I also won 1 cockerel, 3 cock, 3 hen, 4 pullet, winning on cockerel two years in succession the **A. P. A. Medal for best cockerel in the American class**, over 130 cockerels competing. Eggs from pens containing these prize winners \$5 to \$10 per setting. Write for free descriptive catalogue.

HENRY W. ALT,

87 Fuller Avenue,

BUFFALO, N. Y.

S. C. Reds Exhibiton—Heavy Layers Reds R. C. Winners Wherever Shown

Large in type—"Permanent Rich Red Color." Farm raised. **WHITE LEGHORNS—WHITE ROCKS.** Send for mating list.

E. E. WELLS,

Elm Farm,

COHOES, N. Y.

ORPINGTONS My illustrated book on ORPINGTONS will interest you. It is Free. Also 1912 Mating List and book of testimonials from every state, Canada, Mexico, Australia and South Africa. Our book tells how we won **CHAMPIONSHIP OF AMERICA** with our Buffs; also of our cockerel that won **CHAMPIONSHIP OF ENGLAND** in Whites; of our wonderful **NABOB-EMPRESS BLACKS**; of our **Rose Comb Whites** that won first Chicago Cock; first **Kansas City National White Orpington Club show cockerel**; first and second **Allentown Pullets**, first and second **Cincinnati Cocks**, Hens and Pullets. Eggs, day old and one pound chicks; also superlative breeding stock at fair prices. Grand cockerels cheap to make room. Send for sample copy of the **ORPINGTON MAGAZINE**, 25c a year, or send us 50c and add any 50c poultry magazine published.

CHEVIOT FARMS,

ROUTE 8,

CINCINNATI, OHIO

VINCENT'S BUFF ROCKS

Win at Scranton Quality Show—1-2 cock, 1-2-3 hen, 1-2 cockerel, 1-2-3 pullet, special for best male, special for best female. Also winners at Philadelphia, Allentown and Hagerstown. A choice lot of birds for sale. Also eggs for hatching. Satisfaction guaranteed.

JAS. H. VINCENT,

HAZELTON, PA

**The March Reliable**

The Largest Poultry Magazine—Some of the Leading Articles

Poultrymen of Some Thirty Years Ago—A. F. Hunter, Associate Editor.
The Successful Brooding of Chicks—Rolla C. Lawry.
Raising Poultry and Small Fruits Together—M. A. Dart.
An International Standard of Perfection—Rev. E. Lewis Jones.
Expenses and Income in Poultry Raising—Myra V. Norys.
Notes of the 1912 Boston Show—F. L. Platt.

Right and Wrong Poultry House Construction—H. V. Tormohlen.
Profitable Marketing of Fresh Eggs—R. P. Ellis (3d of a series.)
Profit from Poultry in the Back Yard—A. F. Hunter.
The Dreaded "Blackhead" Disease of Turkeys—Mrs. Chas. Jones.
Turkey Producing Section of the Future—Benigna G. Kalb.
Full Page Plates of White Faced Black Spanish, Buff Leghorns and White Rocks.

HELPFUL DEPARTMENTS PUBLISHED EACH MONTH

Health and Disease. Standard-bred Department. Practical Department.
Incubating and Brooding. Everybody's Column. Poultry World Events.
Local Poultry Associations—Southern Department. Table Department.
Pacific Coast Department—By Chas. McAllister.

A. F. Hunter, Associate Editor, will give particular attention to the needs of the poultryman who is raising a small number of fowls.

SPECIAL OFFER:—Send us 50 cents and mention this ad. and we will enter your subscription for one year beginning with March number, and also mail you the January number which contains a beautiful picture of Buff Orpingtons in natural colors, and the February number—14 issues. A 3-year subscription and the two extra numbers—\$1.00. (Postage to Canada, 25c a year; to foreign countries, 50c.)

SAMPLE COPY FREE

RELIABLE POULTRY JOURNAL,

Box A. W.-12,

QUINCY, ILLINOIS

Roseland S. C. Buff Orpingtons

Winners. OUR WINNINGS—OUR BLOOD LINES—MEAN YOUR SUCCESS. Consider the record and think of your future.

AT CHICAGO—in December, 2nd and 4th Cock, 4th Pullet and 3rd Pen. **AT PITTSBURGH**—in January I won 1st Cock, 1st Cockerel, 1st Pullet and 3rd Hen. Silver Cup for best Male. Special for best shaped male and 6 special ribbons on 5 birds entered. **AT CLEVELAND**—1st, 2nd and 3rd Cock, 2-3 Hen, 1st, 3rd, 4th, 5th Cockerel, 4th and 5th Pen, Silver Cup and Silver Set for Best Display. **20 PENS** mated for the egg trade, every pen containing winners, and birds sired by winners, line bred stock. Quality considered, we defy competition. Send for our mating list.

How about Breeding Stock?—We have it and the price is right.
ROSELAND POULTRY FARM, S. Euclid, Ohio.

CHAS. W. SWITZER, Prop.

The big winners at Cleveland, Pittsburgh, Chicago. 1912 Matings will produce some of the Best S. C. Buff Orpingtons ever bred. They are no experiment. Tried and true Blue Ribbon

MRS. W. L. COBINE, ONEONTA, N. Y.

That the gentler sex can adapt themselves to poultry raising, and vie with their male companions in the production of high class specimens is attested to by the following winnings made by Mrs. W. L. Cobine at the recent Schenectady Poultry Exhibition. Mrs. Cobine breeds Single and Rose Comb Rhode Island Reds and White Orpingtons and won as follows: S. C. Reds, 1-3 pullet, 5 cockerel; R. C. Reds, 1-2 cock; S. C. White Orpingtons, 1 cock, 1-4 hen, 2 cockerel, 4-5 pullet, special for best display, special for best White Orpington hen, special for whitest Orpington shown and special for the lady exhibit-or winning the most points.

The competition in the above classes was very keen and Mrs. Cobine is to be congratulated upon the fine showing made in the several classes in which her birds were exhibited.

SUNNYSIDE POULTRY FARM

The annual mating list of Sunnyside Poultry Farm, Carey, Ohio, is strictly a business publication. It tells in a plain and convincing manner what the S. C. White Leghorns are, what they can do, and how some of them have won for their owners. On the cover is a fine illustration of the cock, "Perfection First", winner of fine blue ribbons at leading shows. The other illustrations are those of other noted winners leading the first four pens.

Three large pens are also mated up for utilitarian purposes, being composed of selected layers. Eggs from these pens will be sold at greatly reduced prices. This catalogue is well worth having. Address Sunnyside Poultry Farm, R. No. 4, Carey, Ohio.

A. & E. TARBOX, YORKVILLE, ILL.

The catalogue of A. & E. Tarbox of Yorkville, Ill., contains some excellent illustrations of their beautiful Silver Laced Wyandottes, which variety they breed exclusively. Messrs. Tarbox sell no eggs for hatching, but they have stock for sale at all times of the year. Those who want some of the blood of their long list of winners at leading shows should send to them for a copy of their catalogue and prices on stock. They will send out pairs, pens or trios mated for breeding or furnish separate birds. While they make a specialty of producing exhibition birds, they have not overlooked or neglected utility qualities, and their strain is noted for prolific egg production as well as maturing very early and being very hardy.

FAIRVIEW FARMS CO., ORCHARD PARK, N. Y.

Doubtless our readers have noticed the ad of Fairview Farms Co., Orchard Park, N. Y. (See ad. on inside back cover). Fairview Farms Co. advertise S. C. White Leghorns and S. C. Rhode Island Red eggs for hatching and baby chicks. They also offer day-old Pekin Ducklings. They offer to replace all chicks that are dead on arrival. Fairview Farms are particularly well equipped to do business. Their breeding stock is strong, large-boned and active, insuring healthy, vigorous chicks. An 8000 egg Cyphers Mammoth Incubator has been installed to handle their baby chick business. Intending purchasers should write them for their printed matter and prices.

DISEASES OF THE DOG

Every owner of one or more dogs, should send for a copy of "Diseases of the Dog," by H. Clay Glover, V. S., 118 W. 31st Street, New York City. This book will be sent free to readers of AMERICAN POULTRY WORLD, contains valuable chapters on feeding dogs, and also chapters on the causes and treatment of the ailments the canine race is afflicted with. Dr. Glover is one of the oldest and most competent veterinary surgeons in the United States, so that any treatment he advises can be relied upon as safe.

RICHLAND FARMS

One of the handsomest little folders we have seen this season is the one issued by Richland Farms, Frederick, Md. It is beautifully printed in three colors, the half tone illustration of winning White Leghorn, White Plymouth Rock and Black Orpington males at leading shows being exceedingly fine. Single Comb White Leghorns are bred both for utility and fancy points at Richland Farms, about twenty-five hundred layers being required to supply the large demand for eggs each season. The White Rocks and Black Orpingtons are also strictly of the highest grade as their winnings at New York and Baltimore prove. Send a stamp for this well gotten-up catalogue to Richland Farms, Frederick, Md.

PRATT FOOD CO.

Pratt Food Co., are advertising their White Diarrhoea remedy, (see their ad. elsewhere in this issue). It is handled by poultry supply dealers who will re-

fund the purchase price if it fails to cure. If unable to secure it from your dealer, it can be obtained direct from the Pratt Food Co., Philadelphia, Pa.

200-Egg Size \$3.00 Incubator for

Greatest Offer of Age!



J. F. SIEMS, Patentee

The hen herself positively controls all heating, airing, regulating, etc., in

Siem's Natural Hen Incubator

It uses no oil—has no flames—needs practically no attention—saves time, labor and lots of money on every hatch! Been on market ten years. Very successful—biggest and best hatches every time. All artificial appliances done away with. More Agents wanted. Write today for catalog and get complete information. Make money—save money.

NATURAL HEN INCUBATOR COMPANY
1849 Constance St., Dept. 13 Los Angeles, Cal.

I'll Split the Price For Ten Minutes Of Your Time



An Incubator Offer Surpassing Anything Ever Before Attempted

AS USUAL I have outstripped all others on biggest value for the least money. I've got a plan whereby I actually help you with real money to buy your popular size Incubator—the greatest hatcher in the world. An offer no one else ever thought of, and couldn't afford to make if they did think of it—because they haven't got my record-breaking Jewel Incubator with which to back it up.

Now, you can get my famous high-grade Jewel Incubator, backed by my \$5,000,000 Square Deal Guarantee, for less money than you would have to lay out for a cheap, ordinary machine. Think of the magnificent saving this means.

Jewel Incubators Two Hatches Free

Here is What I Give

- Big slice of my factory price on popular size.
- Sixty days trial at my risk.
- \$25.00 Correspondence Course prepared by poultry experts. Tells all about raising chickens to insure success and constantly increasing profits from the start.
- Big book telling all about Incubators and Brooders.

I Give All This And More

And right here is where my wonderful offer comes in. The "MORE" that I give is what I want to tell you about, and show you how ten minutes of your time—the mere writing of a postal—means dollars to you in actual cash.

My machines are world-beaters in producing extraordinary results. My Jewel Incubator holds the highest hatching record. My Jewel Brooder is a regular mother-hen in keeping chicks thrifty and growing.

I'm determined that my customers shall always have something on the other fellow when it comes to bargains. Besides I want a New Jewel Incubator in every community. That means thousands of orders for me. So I'm willing to meet you more than half way on the first order if you send it quick. Hurry the coupon on a postal to me.

I'll Accept Your Time as Money

First, get my free book. Select the Hatcher, Brooder or any other poultry article you want—then give me just

ten minutes of your time, and I'll apply it in actual dollars on your order. You'll be fairly startled at my plan—its extreme benefit to you. That ten minutes will prove the most profitable you ever experienced.

If you want to do yourself a good turn—if you are looking to take advantage of the greatest Incubator offer of the season, here is an eye-opener for you. It eclipses even all my wonderful offers of the past.

You will agree with thousands of others that this is a real, live, golden opportunity—one that goes beyond anything you ever supposed could be done.

Write me personally.

M. W. SAVAGE, Pres.,
The M. W. Savage Factories

Dept. 121,
Minneapolis,
Minn.

M. W. Savage,
Dept. 121
The M. W. Savage Factories
Minneapolis, Minn.

Please send me full particulars about your most attractive offer on Jewel Poultry Machines.

Name

Address

WILSON FARM

Wilson Farm, Doylestown, Ohio, breeds Buff, White and Black Orpingtons and Indian Runner Ducks. Their Orpingtons are of good quality and have been winners at leading shows including the Ohio State Fair. The prices asked by this concern for choice birds and eggs are modest indeed. In the Indian Runner Duck business this farm is one of the leaders of the whole country, having won at Madison Square, Chicago and Cleveland. At the last Chicago show, in warm competition on three entries, won 1st cock, 1st cockerel and 1st pullet, certainly a remarkable record. In addressing Wilson Farm always mention AMERICAN Poultry World.

LOCUST HALL POULTRY FARM

Intending purchasers of Barred Plymouth Rocks should look up the advertising of Locust Hall Poultry Farm, Dr. Ed. J. Nesbitt, proprietor, Poughkeepsie, N. Y., found elsewhere in this issue. Some excellent bargains in surplus cockerels, pullets and trios mated for breeding purposes are being offered. Dr. Nesbitt is also booking orders for eggs for hatching from prize matings at very reasonable prices. Locust Hall Barred Plymouth Rocks have been produced from richest blood lines in this variety. All purchases are guaranteed to prove satisfactory. Full information will be sent on request if you mention AMERICAN POULTRY WORLD.

GALA WHITE WYANDOTTES

Are you going to get some White Wyandotte eggs this season? If so, or if you want to buy some White Wyandotte chicks, send for the printed matter of Gala Poultry Plant, Benton Harbor, Mich., "original breeders of Bred-to-lay White Wyandottes." Their mating list describes eight high class matings, eggs, prices for stock, eggs for hatching and baby chicks. It will be remembered that the Gala Strain won 1-2-4-5 pens at the Chicago Show, December, 1911. They have some surplus stock for sale and as their trade in baby chicks is big, they would appreciate it if customers would place their orders early.

W. T. LORD, TROY, N. Y.

Intending purchasers of Buff Wyandottes should send to W. T. Lord, Troy, N. Y., for a copy of his mating list. It describes his matings, gives prices for stock and eggs for hatching and will interest every person interested in Buff Wyandottes. Mr. Lord has long been known as a leading breeder of the variety. His birds repeatedly won highest honors at New York, Boston, Chicago and other leading shows. He states that his matings this year are finer than ever before.

A. A. CARVER, SEVILLE, OHIO

A. A. Carver, Box 2, Seville, Ohio, made a grand winning with his S. C. Reds at Cleveland, winning in an immense class, 1 hen, 1 cockerel and 1 pullet. His hen "Saturn" was one of the satellites of the entire show and received the most favorable comment from all sides as being one of the very best shown this season.

L. C. BONFOEY, VERNON, CONN.

The attention of readers is directed to the advertising of L. C. Bonfoey on page 488. Mr. Bonfoey breeds "The Quality Kind" of White Plymouth Rocks. His birds have won highest honors at Madison Square Garden, Boston, Chicago and other leading shows. Breeders who are looking for first class stock or eggs should write to Mr. Bonfoey for description and prices. Address L. C. Bonfoey, Vernon, Conn. Please mention AMERICAN POULTRY WORLD.

BLUE RIBBON ORPINGTONS

Blue Ribbon Poultry Farm, Box 2, Columbus, Ind., are Black Orpington specialists and are among the largest and most successful breeders of this variety in the country. Their show record at Chicago has always been the best and at Nashville, the big southern fair, won every first and champion Orpington male, all varieties competing. Their ten matings for the baby chick and egg trade will be headed by first prize winners. Mating list and baby chick catalog is free upon request.

CHOICE BREEDERS**EGGS FOR HATCHING****CECIL PLACE, THE HOME OF THE****PARTRIDGE WYANDOTTES****M. NELSON CECIL,****Route 5,****ELM GROVE, W. VA.****BABY CHICKS THAT LIVE****S. C. Rhode Island Reds****Barred Plymouth Rocks****ELDRIDGE POULTRY FARM, Inc.****Albert S. Eldridge, Mgr.,****TAUNTON, MASS.****BUFF PLYMOUTH ROCKS****Our Winnings 1911-12**

Great Appalachian Exposition Show, Knoxville, Tenn., September, 1911, 1 cock, 1 hen, 1-2 cockerel, 1 pullet 1 pen, special for best pen shown from North Carolina, all breeds competing. Southern International Poultry Association, Atlanta, Ga., December, 1911, 2-3 cock, 1-2 hen, 3 cockerel, 1-2-3 pullet, 3 pen, special cup for best display Plymouth Rocks, any and all varieties, for best display Buff Plymouth Rocks—Southern District A. B. P. R. Club Cup for best cock, hen, cockerel and pullet. Maryland Poultry and Pigeon Association, Baltimore, Md., January, 1912, 4-5 cock, 1-2 hen, 1-4-5 cockerel, 1-2-5 pullet, 1 pen. Special for best display Buff Plymouth Rocks, special for best 2 males and 4 females. Mating list free. Eggs \$5.00 per 15. Write your wants for stock and eggs.

JEFFREY & HERVEY,**RALEIGH, N. C.****RILEY'S ROSE COMB REDS**

Were the color sensation at the Great Buffalo International Show. I will spare a few settings from my International Champion's (Cockerel) pen. Can supply some splendid cockerels and pullets. Send for mating list and winnings.

C. E. RILEY,**380 William Street,****BUFFALO, N. Y.****Our New York State Champion S. C. Reds**

again win best display at the Big Palace, New York Show with many points to spare. 7 prizes on 9 entries. Many specials including \$10.00 in gold for best display and the grand \$50.00 Cup offered by the Rhode Island Red Club of America for best Cock-Hen-Cockerel-Pullet and Pen. This winning over leading New England Breeders demonstrates the superior quality of our strain. We have some choice breeding birds for sale and will spare a limited number of eggs for hatching. Address

PHILIP & HERMAN, E,**HUDSON, COL. CO., N. Y.****LIGGETT'S EXHIBITION COOPS**

Single pen and our new sectional coops for cooping shows. If you want the neatest, strongest and best exhibition coop made, write me for circular and prices.

Liggett's All Wood Shipping Coops

Built of well seasoned lumber, 3-16 inch thick, a very light and strong coop.

- A 12 x 18 x 20 in. high, 30c each, \$3.50 per doz.
- B 12 x 20 x 20 in. high, 35c each, 3.75 per doz.
- C 18 x 20 x 20 in. high, 40c each, 4.50 per doz.
- D 20 x 30 x 20 in. high, 50c each, 5.75 per doz.

**F. E. LIGGETT,****Box W,****BRADFORD, ILLINOIS****WHITE ORPINGTONS**

Birds with the bloodlines of generations back of them. Grand breeding males at \$10 to \$25 each. Trios at \$15, and pens at \$25 that will get you grand stock. Extra fine trios at \$35 and pens at \$50. A pen I sold last year for \$50 bred the 1st and 2nd pullets and 2nd cockerel at the great Minnesota State Fair, the Hagerstown of the west.

Also 1st pullet and 1st cockerel, on two entries at the St. Paul winter show, in strong competition, also 1st and 2nd pullet at Minneapolis in the strongest competition in the history of this show.

Be sure to get my mating list before you book your orders for eggs. Besides my regular matings I have two special pens that will interest any White Orpington breeder in the country. It costs but a post card to let us prove this to you.

Remember at Chicago, December, 1910, I won 1st pullet, 2nd cockerel, 3rd hen and 5th cock. December, 1911, in the largest class of White Orpingtons ever cooped in the world, to date, I won the Silver Cup Special for the best exhibit of White Orpingtons in the show, besides my regular winnings in the single classes. My Catalogue is free.

Dr. Guy Blencoe,**Box B,****Alma Center, Wis.**

BREEDING SINGLE COMB BUFF LEGHORNS

By J. Courtney Punderford

(Continued from page 443)

they are bad to get rid of and play havoc with your flock.

Do not allow the growing stock to roost too early. Crooked breast bones will be the result. Spray your houses at least once a week and clean out as often, and twice each week is better. Plenty of fresh water, kept in a cool place. A good feed morning and night

bad but much better not there. I pull this out and more often than not it will come in buff. Try it and see for yourself. If any of your youngsters have been hatched under hens, look for scaly leg and you will find it seven cases out of ten. Treat it at once with a little lard, sulphur and kerosene. If taken at once it is an easy matter to cure, but if allowed to run it will often spoil an otherwise fine exhibition bird. When cockerels begin to shoot their tails, be careful your roosts are not too near the back as often they spoil their tails by rubbing against rough boards or break their sickles. Also give them plenty of roosting room. Never crowd your colonies. Leghorns above all fowls love to roost in trees, and this is very bad for a buff bird, as being exposed to the rain and cold night air, month after month, tends to dull their feathers and they present a dead appearance.

I never feed much beef-scrap or meat to my growing stock, as I find it tends to make beefy combs, and when on range they can find nearly all the animal food they need. The training and fitting of a exhibition bird is not a month before he enters the show room, it is from the time he is put in the brooder till maturity is reached.



To win the color specials on Barded Rocks at Madison Square Garden is the ambition of every exhibitor. This year the honor in males fell to Henry D. Riley's second prize cockerel, a bird with rare color and beautiful barring throughout.—Wm. C. Denny.

should be enough, that is if you have free range. There is no better green stuff to plant than Essex Rape, and this you can cut for your old stock as it grows very rank. As soon as you see the growing cockerels begin to worry the pullets, separate them, as both will mature faster, especially the pullets. When they reach the stage where you can begin to pick out the stars, go through your flock and each one which bears promise of a winner, take out and put in special houses. Every week you will find two or three which show up better than the average, and these are the ones you ought to nurse along. Running in large flocks the good ones might break a sickle or injure their comb or wattle, for it is always the good ones which meet with injury, seldom the poor stuff.

Also when going among my different flocks I will see some very good specimens with an off colored feather, not

WORTH TWENTY-FIVE CENTS

In another column in this issue will be found the advertisement of W. M. Connor, Jersey City, N. J., manufacturer of Connor's Automatic Feeder. By clipping the advertisement and enclosing it when sending an order for one of his latest feeders, it is accepted as twenty-five cents cash. Those who are looking for an up-to-date dry mash or grain dispenser should not fail to look up the advertisement. The index will locate it.

CARTER'S PARAGON HOUDANS

Send for great ONE DOLLAR Egg Bargain and Photo Literature. JOSEPH F. CARTER, ELMIRA, N. Y.



1912 Catalogue Free

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

S. A. HUMMEL

Box 80, FREEPORT, ILL.



Page's Sanitary Fountain

Non-Freezing

Keeps water warm in winter and cool in summer. The handiest thing ever offered the poultryman. Send for free circular.

FRED PAGEL,

ROCKFORD, ILL.

ROWAN'S BLACK SPANISH At Madison Square Garden 1911 show won First cock, First Cockerel, First Pullet. At the Garden 1910 show we won First Cock, First Hen, First Cockerel, 1st Pullet, also hundreds of other First and Special prizes during the past 20 years. Eggs \$5 per setting, \$4 for each additional setting. Address R. A. ROWAN, Title Insurance Bldg., LOS ANGELES, CAL

Partridge Wyandottes IDEAL POULTRY YARDS SHILLINGTON, PA.

At the Great Reading Show this year our 1st cockerel won special for best cockerel in show. also won 1st cock, 2-3-4 hen, 1-2 cockerel, 1-2 pullet. At Mohnton week before we won 1st cock, 3-4 hen, 1-2-3-4 cockerel, 1-2-3 pullet, 1-2-3 pen. Some grand cockerels and pullets for disposal, also a few good hens. We quote prices on application. Mention Poultry World.

FRITZ & KRICK, Prop.

LANGSHAN HILLS POULTRY FARM

Day Old Chicks 30 cents each. Eggs \$3.00 per 15. Stock \$2.50 up.

Book your orders now for spring delivery of chicks and eggs. Our Catalogue will show you our show record is second to none. Black Langshans exclusively.

NAPOLEON J. BARNES, R. F. D. No. 6, Box No. 15, WINCHESTER, KY.

Hatching Eggs or Baby Chicks LEGHORNS, WYANDOTTES, PLYMOUTH ROCKS

ALL WHITE



Write for Free Illustrated Catalogue (describing our farm and methods) and Price List.

Our birds are Line Bred and Farm Raised — We have 100 Acres. We are in a position to supply the Strongest Baby Chicks Possible in almost Unlimited Numbers. We have 2,000 Breeders. Our Incubator Capacity is 12,000 Eggs. Earliest orders get the earliest chicks. Place your orders now for spring delivery.



THE DUNLAP-SCHWIND CO.,

Box 4793,

CHATHAM, N. Y.

JOHNSTON'S IMPERIAL BARRED ROCKS

made a sensational win at the last Great New York State Fair. They won 1st and 2nd cock, 1st and 2nd cockerel, 1st and 5th pullet, 1st pen old, 1st and 3rd pen young, winning grand \$25 special for best display in the Plymouth Rock classes. Our first prize and champion pullet "Realization" was the wonder of the big Williamsport, Pa., show. We will have star matings and every customer will receive eggs from these Pens and they will hatch winners for next seasons shows. Eggs from these grand matings \$5 per setting. We guarantee every egg fertile. Send for Catalogue. Mention A. P. W. Address

BOYD JOHNSTON,

RUPERT, PA.

THE COMBS OF FOWLS AS BREED CHARACTERISTICS

By J. H. Drevenstedt

(Continued from page 445)

of various colors.

"Malay Breed—Body of great size, with head, neck and legs elongated, carriage erect; tail small, sloping downwards, generally formed of 16 feathers; comb and wattle small; ear-lobe and face red; skin yellowish; feathers closely appressed to the body; neck hackles short, narrow and hard. Eggs often pale buff. Chickens feather late. Disposition savage. Of Eastern origin.

"Cockin or Shanghai Breed—Size great; wing feathers short, arched, much hidden in the soft downy plumage; barely capable of flight; tail short, generally formed of 16 feathers, developed at a late period in the young males; legs thick, feathered;



Fig 14 -Pea Comb

spurs short, thick; nail of middle toe flat and broad; an additional toe not rarely developed; skin yellowish. Comb and wattles well developed. Skull with deep medial furrow; occipital foramen, sub-triangular, vertically elongated. Voice peculiar. Eggs rough, buff-colored. Disposition extremely quiet. Of Chinese origin.

"Dorking Breed—Size great; body square, compact; feet with an additional toe; comb well developed; color of plumage various. Skull remarkably broad between the orbits. Of English origin.

"The White Dorking may be considered as a distinct sub-breed, being a less massive bird.

"Spanish Breed—Tail, with stately carriage; tarsi long; comb single, deeply serrated, of immense size; wattles largely developed; the large ear-lobes and sides of face white. Plumage black glossed with green. Do not incubate. Tender in constitution, the comb often being injured by frost. Eggs white, smooth of large size. Chickens feather late but the young cocks show their masculine characters, and crow at an early age. Of Mediterranean origin.

"The Andalusians may be ranked as a sub-breed; they are of a slaty-blue color, and their chickens are well

feathered. A smaller, short legged Dutch sub-breed has been described by some authors as distinct.

"Hamburgh Breed—Size moderate; comb flat, produced backwards, covered with numerous small points; wattle of moderate dimensions; ear lobes white; legs blueish, thin; Do not incubate. Skull, with the tips of the ascending branches of the pre-maxillary and with the nasal bones standing a little separate from each other; anterior margin of the frontal bones less depressed than usual.

"There are two sub-breeds; the spangled Hamburgh of English origin, with the tips of the feathers marked with a dark spot; and the penciled Hamburgh of Dutch origin, with dark transverse lines across each feather, and with the body rather smaller. Both these sub-breeds include both gold and silver varieties, as well as some other sub-varieties. Black Hamburgs have been produced by a cross with the Spanish breed.

"Crested or Polish Breed—Head with a large round crest of feathers supported on a hemispherical protuberance of the frontal bones, which in-

ABERNETHY'S HOUDANS

Bred for Quality, not Quantity

Winners at the Big Houdan Show, Philadelphia, 1911.
JAS. ABERNETHY, Main St., WEST PEMBROKE, MAINE

60 VARIETIES FANCY POULTRY

Geese, Ducks, Turkeys, Chickens, Pea Fowls, Guineas, Pigeons and Rat Dogs. Incubators, Brooders and Poultry Supplies; Stock and Eggs cheap. New 60 page Catalogue, 2 cents.
F. J. DAMAN, FARM NGTCN, MINN.



30,000,000 CHICKS DIE ANNUALLY
My GREAT WHITE DIARRHOEA REMEDY will save them all. Try a FULL SIZE BOX FREE
Send only 6 CTS. to cover mailing.
THE COLEMAN COMPANY, Lexington, Ohio

IVES' LANGSHANS "A GOOD STRAIN OF A GOOD BREED"

Constant winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.
PAUL B. IVES, "Bonnycroft" GUILFORD, CONN.

Square Deal Poultry Farm

The Home of Quality Buff and White Wyandottes
Hundreds of prizes won at leading shows, including New York, Chicago, Cincinnati, Louisville, Chattanooga, Appalachian Exposition, Kentucky and Alabama State Fairs.

Egg from the winners at above shows will produce winners.
POWER & CABLISH, Props., Box 532-A, Maysville, Ky.

Crystal White Rock Yards

We ended the 1911 show campaign by winning 1st cockerel at Philadelphia, Diploma, Silver Cup, Club Ribbon, etc., on one (1) bird entered, thereby upholding our record of winning a ribbon on every bird shown thus far. Having selected our breeding birds, we are ready to sell surplus cheap, quality considered; cockerels and pullets.

O. B. Witter, Prop., S. I. Weidler, Mgr., Womelsdorf, Pa.

Richardson's Rose Comb Reds

MADISON SQUARE GARDEN, BALTIMORE, HAGERSTOWN
WON THIS SEASON

5 firsts, 4 seconds, 4 thirds, 1 fourth, 5 fifths. Write your wants.

Member Red Club and A. P. A.

M. C. RICHARDSON, JR.

FRONT ROYAL, VA.

THE HARBAUGH POULTRY FARMS

My birds have made season they ever made. chicks and eggs for stock at bargain prices, fall and winter shows by List Free.

ROCKS
REDS
LANGSHANS
MINORCAS

the greatest record this I am offering day-old hatching from my best prepare for next seasons ordering now. Mating

The Harbaugh Poultry Farms,

FRANK HARBAUGH, Mgr.,
Carroll County

Middleburg, Md.

I Offer for Quick Sale a Few High Class S. C. Crystal White Orpington Cockerels

Prices \$3.50, \$5.00, \$8.00 and \$10.00 each. (Not a brassy one in the lot)
Every bird a decided bargain—order from this advertisement—your money back if not satisfied. They are the kind of birds that will put life into your flock—vigorous, active birds, bred from my trap-nested prize winners at Lansing and Port Huron, Mich., shows.

I am now booking orders for Eggs for hatching at \$3.50, \$5.00 and \$8.00 per fifteen eggs. If you buy my stock or eggs you will surely be more than pleased, as all my previous customers have been.

WM. P. PURFIELD,

Ann Arbor, Mich.

Member American White Orpington Club.

BABCOCK'S BABY CHICKS White Rocks, S. C. White Leghorns, White Orpingtons (Kellerstrass)

A superb strain of heavy laying, utility birds, bred to Standard requirements, reared on unlimited range, and are large, vigorous and handsome. Vitality Baby Chicks, hatched in our 14,000 egg Cyphers Mammoth Incubator, delivered at your door, safe arrival guaranteed, Eggs for hatching. Catalogue free.

BABCOCK POULTRY FARM, F. M. Babcock, Prop.,

Box W,

FREDONIA, N. Y.

cludes the anterior part of the brain. The ascending branches of premaxillary bones and the inner nasal processes are much shortened. The orifice of the nostrils raised and crescentic. Beak short. Comb absent or small and of crescentic shape; wattles either present or replaced by a beard-like tuft of feathers. Legs leaden-blue. Sexual differences appear late in life. Do not incubate. There are several beautiful varieties which differ in color and slightly in other respects.

"The following sub-breeds agree in having a crest, more or less developed, with the comb, when present, of crescentic shape. The skull presents nearly the same remarkable peculiarities of structure as in the true Polish fowl.

"Sub-breed, Sultans—A Turkish breed, resembling white Polish fowls with a large crest and beard with short and well feathered legs. The tail is furnished with additional sickle feathers. Do not incubate.

"Sub-breed, Ptarmigans—An inferior breed closely allied to the last, white, rather small, legs much feathered, with the crest pointed; comb small, cupped; wattles small.

"Sub-breed, Ghoondooks—Another Turkish breed having an extraordinary appearance; black and tallness; crest and beard large; legs feathered. The inner processes of the two nasal bones come into contact with each other, owing to the complete abortion of the ascending branches of the premaxillaries. I have seen an allied white, tailless breed from Turkey.

"Sub-breed, Creve-Coeur—A French breed of large size, barely capable of flight, with short black legs, head crested, comb produced into two points or horns, sometimes a little branched like the horns of a stag; both beard and wattles present. Eggs large. Disposition quiet.

"Sub-breed, Horned fowl—With a small crest; comb produced into two great points, supported on two bony protuberances.

"Sub-breed, Houdan—A French breed; of moderate size, short-legged with five toes, well-developed; plumage invariably mottled with black, white and straw-yellow; head furnished with a crest, on a triple comb placed transversely; both wattles and beard present.

"Sub-breed, Guelderlands—No comb, head said to be surmounted by a longitudinal crest of soft velvety feathers; nostrils said to be crescentic; wattles well developed; legs feathered; color black. From North America. The Breda Fowl seems to be closely allied to the Guelderland.

"Bantam Breed—Originally from Japan, characterized by small size alone; carriage bold and erect. There are several sub-breeds, such as

THE LAYING KIND PARTRIDGE WYANDOTTES THE WINNING KIND

Our first Pittsburg male was declared to be the Best Partridge Wyandotte male shown this season. Orpingtons Black, White and Buff, Rhode Island Reds, both combs. Choice stock always for sale. Eggs from best exhibition matings, \$3 and \$5 per sitting.

J. P. ORR, **MERCER PA.**
BARRED ROCKS NEAFIE BROS. WHITE ROCKS

Madison Square Garden—Philadelphia—Trenton Fair
 Is it not convincing that to land among the blue and red ribbons, the above named shows, one must have specimens of the highest type and merit, in fact, almost perfection? We simply leave this question for you to decide. In White Rocks we can spare a limited number of eggs from pens headed by 2nd cockerel at Philadelphia, a wonderful bird of true Rock type, 4th cockerel at same show. 1st pen and other winners at Trenton State Fair and Philadelphia. In Barred Rocks 1st pen for pullets headed by "His Excellency" considered by leading judges to be one of the finest pullet breeders in existence, mated to him are 1st Philadelphia, 2nd Madison Square Garden pullet, the sensational female of the season, 1st Trenton Fair pullet and five other females their equal. We have egg orders hooked from some of the largest and oldest breeders in America. Another convincing fact. Some fine stock for sale. We raise all our winners. Neafie Bros., Drawer N-1, Spring Lake Beach, N. J.

SILVER WYANDOTTES

Winning at New York State Fair, Rochester, also the Great International at Buffalo for the past three years. On 27 entries won 23 prizes. Eggs and Baby Chicks from our best trap-nested prize winners. A few cockerels at bargain prices. Satisfaction guaranteed. Circulars free.

TWIN BROTHERS POULTRY YARDS, TULLY, N. Y.

WHITE WYANDOTTES GALA STRAIN BRED-TO-LAY

Are you the manner of man or woman who is looking forward to having Stock from a Strain of Bred-To-Lay White Wyandottes that are winners? Stock bred for egg production that are of such standard quality that they won 1st Pen, 2nd Pen, 4th Pen, and 5th Pen at Chicago, Dec. 1911? 1st Cock, 3rd Cock, 1st Cockerel, 3rd Cockerel, 4th Cockerel, 3rd Pullet, 2nd Pen, 4th Pen at Indianapolis show January 1912?
THE OPPORTUNITY IS KNOCKING AT YOUR DOOR—LET'S GET ACQUAINTED. All these winning Pens are in our yards. A setting of eggs will start you.

GALA POULTRY PLANT, BENTON HARBOR, MICH

SILVER CAMPINES

Large white eggs are at a premium all over the country and the Campines lay them and lots of them. Look out for a great move in this wonderful fowl, and be wise and get in on the ground floor. We have no stock for sale, but will sell a limited number of eggs from birds that contain the best blood to be found in England and America. Eggs \$10.00 per 15 straight. Ten chicks guaranteed to each setting. Have your orders booked at once.

AUG. ARNOLD, Box D, DILLSBURG, PA.

SINGLE COMB WHITE LEGHORNS

A great record at Pottstown, 1-4 cock, 2 hen, 1 2-3 cockerel, 1-2-3 pullet, 1-3 pen in a class of 89 birds. Write for prices on stock and eggs.

P. E. REIGHTNOUR, SANATOGA, PA.

MY CHAMPION R. C. REDS

Won 3 firsts and best display at the big Trenton Fair just held. Show stock for sale. Address

H. W. STERLING, Box A, MORRISVILLE, PA.

Royal Roup Cure Does The Work

When you see chickens moping, sneezing, coughing, watering at the eyes, heads swollen and fighting for breath, **Look Out!** These are sure symptoms of the deadly **Roup**. One sick bird will infect the whole flock! Don't wait, keep **Royal Roup Cure** always on hand. **Royal Roup Cure** comes in powder form. Put a thimbleful in a gallon of water and the fowls will drink it eagerly. A 25 cent box makes gallons of medicine and will **Cure** dollars' worth of fowls. Every package **Guaranteed** to cure or money refunded. Put up by

CHAS. O. JACKSON, NORWALK, OHIO

<p>White and Buff Orpingtons White and Buff Leghorns</p> <p>At Madison Square Garden our White Orpington Cockerel beat the undefeated Champion of England. At Grand Central Palace our Buff Orpingtons won special best display also special best pen. At Red Bank, New Jersey's High-Class Show, our White Orpingtons won cup best display, White's also best display any variety Orpingtons, At Monmouth County Fair our Buff Orpingtons won cup best display Orpingtons.</p> <p>Our Buff Orpington Ducks at Madison Square Garden won over the undefeated Champion Drake and Duck of England. At Monmouth County Fair cup for best display of Waterfowl.</p> <p>Our Leghorns, big winners at Red Bank and Monmouth County Fair:—35 firsts, 30 seconds, 27 thirds, 10 fourths, 5 fifths, 1 sixth. A wonderful record for four shows.</p> <p>We have 10,400 egg machine and can furnish S. C. White Leghorn Chicks and Orpington Ducklings also stock and Eggs, Orpingtons. Write for Mating List.</p>	<p>Orpington Ducks</p> <p>RED BANK, NEW JERSEY</p>
<p>DUNROBIN FARM, A. B. Dalby, Owner, Box 77.</p>	



Fig 15 - V-Comb



Fig 16 - Butterfly Comb



Fig 17-La Fleche



Fig 18 Buttercup

the Cochin, Game and Sebright Bantams, some of which have been recently formed by various crosses. The Black Bantam has a differently shaped skull, with the occipital foramen like that of the Cochin fowl.

"Rumpless Fowls—These are so variable in character that they hardly deserve to be called a breed. Anyone who will examine the caudal vertebrae will see how monstrous the breed is.

"Creepers or Jumpers—These are characterized by an almost monstrous shortness of legs, so that they move by jumping rather than by walking; they are said not to scratch up the ground. I have examined a Burmese variety, which had a skull of rather unusual shape.

"Frizzled or Caffre Fowls—Not uncommon in India, with the feathers curling backwards, and with the primary feathers of the wing and tail imperfect; periosteum of bones black.

"Silk Fowls—Feathers silky, with the primary wing and tail-feathers imperfect; skin and periosteum of bones black; comb and wattles dark leaden-blue; ear-lappets tinged with blue; legs thin; often furnished with an additional toe. Size rather small.

"Sooty Fowls—an Indian breed, having the peculiar appearance of a white bird smeared with soot, with black skin and periosteum. The hens alone are thus characterised."

"From this synopsis we see that the several breeds differ considerably, and they would have been nearly as interesting for us as pigeons, if there had been equally good evidence that all had descended from one parent-species. Most fanciers believe that they are descended from several primitive stocks. The Rev. E. S. Dixon argues strongly on this side of the question; and one fancier even denounces the opposite conclusion by asking, 'Do we not perceive pervading this spirit, the spirit of the Deist?' Most naturalists, with the exception of a few, such as Temminck, believe that all the breeds have proceeded from a single species; but authority on such

a point goes for little. Fanciers look to all parts of the world as the possible sources of their unknown stocks; thus ignoring the laws of geographical distribution. They know well that the several kinds breed truly even in color. They assert, but as we shall see, on very weak grounds, that most of the breeds are extremely ancient. They are strongly impressed with the great difference between the chief kind, and they ask with force, can differences in climate, food or treatment have produced birds so different as

the black stately Spanish, the diminutive elegant Bantam, the heavy Cochin with its many peculiarities and the Polish fowl with its great top-knot and protuberant skull? But fanciers, whilst admitting and even overrating the effects of crossing the various breeds, do not sufficiently regard the probability of the occasional birth during the course of centuries, of birds with abnormal and hereditary peculiarities they overlook the effects of correlation of growth—of the long-continued use and disuse of parts, and

ROSE COMB REDS BRED-TO-LAY BARRED ROCKS

Hundreds of mature, early hatched young birds from my Detroit and South Bend winners, at low prices to quick buyers. Get my show record and prices.

E. E. BIMM,

1507 Vistula Avenue,

SOUTH BEND, IND.

TURKEYS, 5 VARIETIES

Bronze, Black, Slate, Buff, White

27 first prizes on Turkeys at the Great Illinois State Fair, 1911. 30 head Peafowls for sale. Importer, Exporter and Breeder of all varieties Land and Water Fowls. 2000 Show Birds for sale. Stock and Eggs. Name breeds wanted.

JESSE BURNSIDE,

R. R. No. 11,

JUDSON, IND.

FERRY'S

Black Langshans and Single Comb Black Minorcas

Have demonstrated their supremacy by winning the cream of the prizes at America's leading shows, this season. At Philadelphia, The Palace and lastly at the Great Madison Square Garden Show where they won on Black Langshans 1-2-3-5 cock, 1 hen, 2-4 cockerel, 3 pullet, 4 pen, winning best display. On S. C. Black Minorcas we won 1-5 pullet, 2-3 cock, 2-3 cockerel, 3 pen and best display. We breed none but the best. Our matings are the best in the land and we sell eggs from them all. Fertility guaranteed. Some of the best young and old stock in the world for sale. Write quick and get the pick. Address

C. M. FERRY,

SUMMIT, N. J.

SANDS' S. C. WHITE LEGHORNS

BRED FOR VIGOR AND HEAVY EGG PRODUCTION

If you wish to improve your flock and increase egg production, let us book your order for baby chicks or eggs for hatching. **BABY CHICKS**—\$15.00 per hundred until June 1st, after that time \$12.00 per hundred. **Baby Chicks and Hatching Eggs are our specialties.** Eggs \$5.00 and \$8.00 per hundred, \$1.50 per 15. **Increase your egg production. Improve your flock.** We can do the trick for you. Write us.

Leroy E. Sands, Successor to Sands & Beilman,

Box W,

Hawley, Pa.

of some direct result from changed food and climate, though on this latter head I have found no sufficient evidence; and lastly, they all, as far as I know, entirely overlook the all-important subject of unconscious or unmethodical selection, though they are well aware that their birds differ individually and that by selecting the best birds for a few generations they can improve their stocks.

"An Amateur writes as follows: 'The fact that poultry have until lately received but little attention at the hands of the fancier and been entirely confined to the domains of the producer for the market, would alone suggest the improbability of that constant and unremitting attention having been observed in the offsprings of any two birds transmittable forms not exhibited by the parents.'

"This at first sight appears true, but in a future chapter on Selection, abundant facts will be given showing not only that careful breeding, but that actual selection was practiced during the ancient periods, and by barely civilized races of man. In the case of the fowl I can adduce no direct facts showing that selection was anciently practiced; but the Romans at the commencement of the Christian era kept six or seven breeds, and Columella particularly recommends as the best, those sorts that have five toes and white ears.' In the fifteenth century several breeds were known and described in Europe; and in China, at nearly the same period, seven kinds were named. A more striking case is that at present in one of the Philippine Islands, the semi-barbarous inhabitants have distinct native names for no less than nine sub-breeds of the Game fowl. Azara, who wrote towards the close of the last century, states that in the interior parts of South America, where I should not have expected that the least care would have been taken of poultry, a black-skinned and black-boned breed is kept, from being considered fertile and its flesh good for sick persons. Now every one who has kept poultry knows how impossible it is to keep several breeds distinct unless the utmost care be taken to separating the sexes. Will it then be pretended that those persons who, in ancient times and in semi-civilized countries, took pains to keep the breeds distinct, and who therefore valued them, would not occasionally have destroyed inferior birds and occasionally have preserved their best birds? This is all that is required. It is not pretended that any one in

ancient times intended to form a new breed, or to modify an old breed according to some ideal standard of excellence. He who cared for poultry would merely wish to obtain, and afterwards to rear, the best birds which he could; but this occasional preservation of the best birds would in the course of time modify the

Pape's Strain S. C. Black Minorcas
 Breeders for sale, \$2.00 up. Eggs 10c. each. Choice pen headed by 1st and special cock, Hanover, \$25.00.

C. Nelson Reasin, R. F. D. Aberdeen, Md

Guernsey's S. C. Brown Leghorns
 again reign supreme at New York State Fair in very heavy competition. Get my catalogue of grand breeding pens. Choice stock for sale.
 A. C. GUERNSEY, 9-B Regent St., SCHENECTADY, N. Y.

Oak Nest Farm, Rhode Island Reds
 1911, we won S. C. 1-2 pen, 1 pullet, 2-4 hen, best display. description of pens and prices of eggs.

CHARLES SHIELDS.

8 North Diamond Street,

PITTSBURG, PA.

BURT HAS A FEW

BUFF WYANDOTTES

For sale. Cockerels, \$3 and \$5. Pullets, \$2 and \$3.

J. E. BURT.

ATHOL, MASS



TWO POULTRY GIRLS

Who cleared \$976.50 from market poultry in two years. They used my Gem Hatcheries and Brooders costing only 35c. each. Over 70,000 of these famous inventions are now used by the most successful poultry raisers in every State. Hatch **strong** chicks and **raise all** of them. Send Stamp for Booklet. F. GRUNDY, POULTRY EXPERT. Morrisonville, Illinois.

HOWLAND'S BUFF WYANDOTTES

WIN AT MADISON SQUARE, DECEMBER, 1911

1-3-4 cock, 1-2-4 hen, 2 cockerel, 4-5 pullet, 1st pen young, cock winning 2 club ribbons and challenge cup for best Buff Wyandotte in show. In 1909-10, had the honor to win cup at same show on my 1st prize pullet. Have won the Blue at Boston, Philadelphia, Pittsburg, Hagerstown and many other leading shows. Write for circular. Satisfaction Guaranteed.

STUART A. HOWLAND.

GRANVILLE, N. Y.

"DEXTER'S QUALITY S. C. BROWN LEGHORNS"

Are as near perfection as it is possible to breed them. My show record proves it. My record at Providence has never been equalled. Be your own judge. Here are the awards:—1 cock, 1-3 hen, 1-2 cockerel, 1-2 Pullet, 1 pen. Shape and color special, male and female, special for best Leghorn female in show, silver cup for best S. C. Brown Leghorn Cockerel. Every bird entered won a ribbon. Some choice stock for sale. Eggs, \$3 per 15, from same pens I breed from, 32 years a breeder of this variety.

THOS. F. DEXTER,

Specialty Breeder,

PROVIDENCE, R. I.

SMITH'S STRAIN

WHITE ROCKS S. C. BUFF ORPINGTONS

BRED FROM MADISON SQUARE AND BOSTON WINNERS

Are winners at Marion, Mansfield and Bucyrus. A few Cockerels and Pullets yet for sale. Orders booked now from our best pens at \$5.00 per 15. Write for Mating List.

WALNUT POULTRY YARDS, Guy E. Smith, Prop., BUCYRUS, OHIO

MY QUALITY COLUMBIAN ROCKS

Again maintain their superiority. At the big Eastern Mass. Poultry Show, we won every first, 5 specials, including cup for best cock, hen, cockerel and Pullet in American class. At the 1909, 1910 and 1911 Boston Show we won 14 1st and 2nd prizes. The Columbian Rocks this year at Boston were a far larger class than was at the Gardens last show. We won 1-4-5 hen, 2-5 cockerel, 3 pullet, 2-3 pen, special for 2 best pens, grand challenge cup for best display, special for 3 best cockerels and 3 best pullets. Who can excel this record. Stock for sale. Eggs from our best matings \$5 per setting. Indian Runner Ducks, great layers—none better. Send for catalogue.

H. M. MUNROE, Maple Grove Farm,

LEXINGTON, MASS.

HUMBACH'S S. C. BUFF LEGHORNS

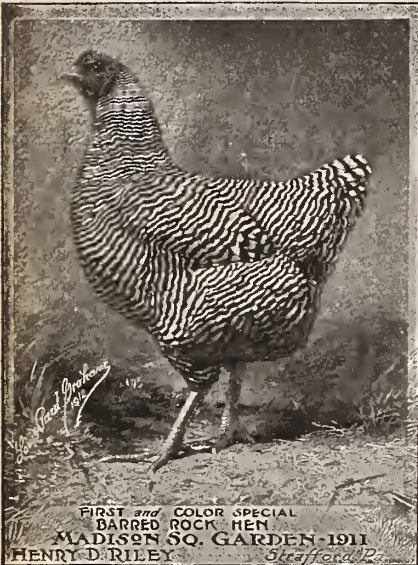
Winners of the blue and record egg producers. Twenty grand pens mated for the egg and day-old chick trade. At the big Dayton, Ohio, show, Jan., 1912, we won 1st cock, 1st, 2d, 3d and 4th cockerels 1st, 2d, 3d and 4th hens, 1st, 2d, 3d, 4th and 5th pullets, 1st and 2nd pens and the A. P. A. medal and all special ribbons, etc., for the highest scoring cockerel in the show. At the big Cincinnati show Jan., 1912, we won 1st cock, 3d and 4th cockerel, 2d and 3d hen, 1st and 2 pullet and 2 pen. We have a capacity of 50,000 chicks. Our machines are running their full capacity and we are booking hundreds of chick orders for future delivery. Positively no stock sold under \$2.00 each. Get our free catalog and mating list.

HUMBACH POULTRY FARM,

J. E. Humbach, Prop.,

R. R. 17, HAMILTON, OHIO

breed, as surely, though by no means as rapidly, as does methodical selection at the present day. If one person out of a hundred or out of a thousand attended to the breeding of his birds, this would be sufficient; for the birds thus tended would soon become superior to others, and would form a new strain; and the strain would, as ex-



'Tis the exception to win first prize on Barred Rocks at Madison Square Garden in the same class two years in succession. A year ago Henry D. Riley broke into the "charmed circle" and won first hen. This year he repeated by again winning first with a hen of grand size and type and evenly barred in every section.—Wm. C. Denny.

plained in the last chapter, slowly have its characteristic differences augmented, and at last be converted into a new sub-breed or breed. But breeds would often be for a time neglected and would deteriorate; they would, however, partially retain their character and afterwards might again come into fashion and be raised to a standard of perfection higher than former standard; as has actually occurred quite recently with Polish fowls. If, however, a breed were utterly neglected, it would become extinct, as has recently happened with

AT BOSTON SHOW 1912 won 6th cockerel, 47 cockerels in class, the only breeder to win on **Buff Rocks** in Vermont. I won 5 pullet, **Brown Leghorns**. Get "Sunnyside" 200 Egg Pedigreed birds and win the prizes and dollars, five cockerels and pullets for sale. Baby chicks, record stock 20 cents each. Eggs 10 cents each up. Write me for booklet, stating wants. "Make \$2 where you now make \$1."

THE SUNNYSIDE POULTRY FARM,

BRISTOL, VT.

TERWILLIGER R. C. B. MINORCAS ARE EQUAL TO THE BEST. After 18 years of careful breeding for egg producers, I have made 3 shows in 1911—9 entries, first show Westchester Fanciers Club, September 19-23; won 1, 2, 3 cock, 1, 2, 3 pullet and 2, 3 cockerel. Second Show, Grand Central Palace, New York, December 5-9, 1911, 5 entries, won 2 cock, 2 pullet and 1, 2 and special cockerel. Third Show at Peekskill, December 29, 1911-January 2, 9 entries won 1st cock, 1, 2 hen, 1, 2 pullet, 1 pen, 1, 3 and special cockerel. Cockerels \$5.00 to \$25.00. Eggs for hatching. Write **G. W. TERWILLIGER,** MILLWOOD, N. Y.

1882 JODREY'S SILVER WYANDOTTES 1912

At Boston's great show, the best from north, south and west competing, we won the Stelmesch \$100 Champion Challenge Cup for best cock, hen, cockerel and pullet. The \$50 Boston Champion Cup for best male. On points we won 25 to 13. Send for mating list.

JOHN C. JODREY,

148 Locust Street,

DANVERS, MASS.

Our S. C. Black Orpingtons

again win at Boston, 1st, 2nd cock, 1st, 4th hen, 6th pullet, 1st pen, best display and shape special on male and female. We were among the first to breed Orpingtons in America. Stock for sale at reasonable prices. Eggs from all our prize winners. Every egg guaranteed fertile.

Address **GIFFORD & WARREN,**

EAST WEYMOUTH, MASS.

McEwan's Partridge Wyandottes

Won a glorious victory at the big Rochester Show, winning Breeders State Cup for best display in strong competition. They won Silver Cup at Red Bank, N. J., for best display, and wound up the season with a glorious victory at the Big Albany Show, where they won 1-2-3-5 cock, 1-2-3- hen, 1-2-5 cockerel, 1-3-5 pullet, 1-2 pen, winning specials for best parti-colored cock, hen and pen in show. They are the leaders. A few choice cockerels for sale. Eggs from best pens, \$5.00 per setting. Address

CHAS. B. McEWAN,

ALBANY, N. Y.

Piper's Single Comb White Leghorns

conceded by leading judges to be the equal of any in the country—large in size, immense in station, fine head points and strictly white. Fully furnished young stock, for any competition and I don't ask the earth for my birds either.

JOHN PIPER,

Daisy Street,

MANSFIELD, OHIO

Jacobus Improved Strain Silver Campines



Why did the Silver Campine Eggs from my yards

win over all other white eggs.

at Boston, 1911-12?

M. R. JACOBUS,

Box 3-W,

RIDGEFIELD, N. J.



"TABASCO"

First prize, shape and color special at Madison Square Garden, Dec. 1910. First prize and color special at Boston, Mass., January 1911.

R. I. Reds OLD ACRES R. I. Reds

Win Rhode Island Red Club Cup for best display of Single Comb Rhode Island Reds at Boston, Mass., January, 1912, also awarded prizes on 1st and 4th cockerels, 1st and 3rd pullets (shape and color specials on pullet), 3rd cock and 2nd and 5th pen.

Madison Square Garden, December, 1911, we won 3, 4 and 6 cockerels, in a class of 45, 2nd pullet and 3rd pen.

For prize winning stock and eggs from our grand winners, write us.

OLD ACRES,

FOXBORO, MASS.

one of the Polish sub-breeds. Whenever in the course of past centuries a bird appeared with some slight abnormal structure, such as with a lark-like crest on its head, it would probably often have been preserved from that love of novelty which leads some persons in England to keep rumpless fowls, and others in India to keep frizzled fowls. And after a time any such abnormal appearance would be carefully preserved, from being esteemed a sign of the purity and excellence of the breed; for on this principle the Romans eighteen centuries ago valued the fifth toe and the white ear-lobe in their fowls.

"Thus from the occasional appearance of abnormal characters, though at first only slight in degree; from the effects of the use and the disuse of parts; possibly from the direct effects of changed climate and food; from correlation of growth; from occasional reversions to old and long-lost characters; from the crossing of breeds, when more than one has been formed; but above all, from unconscious selection carried on during many generations, there is no insuperable difficulty, to the best of my judgment, in believing that all the breeds have descended from some one parent source. Can any single species be named from which we may reasonably suppose that all are descended? The Gallus Bankiva apparently fulfills every requirement. I have already given as fair an account as I could of the arguments in favor of the multiple origin of the several breeds".

COMPARISON OF ROSE AND SINGLE COMBS

The pen and ink drawings of the various types of combs were made by M. Alfred Illing for the purpose of showing the difference in size and shape of the rose comb and single comb found on Standard breeds. They were drawn to conform as closely as possible with the Standard comb description in most instances, and while they may not completely meet the ideals of all breeders, they will nevertheless serve to illustrate that relative type difference in shape and carriage of the comb. On page 444, four types of rose comb are shown, Fig. 1 being a Wyandotte comb that in size and shape is favored by many breeders. Fig. 2 is an ideal Leghorn comb, but one rarely seen on living specimens, most of the rose combs on Leghorns being coarse in texture with the leader (or spike) following the line of the skull. Fig. 3 is a finely shaped Minorca comb, but one that English and some American breeders would not consider large or heavy enough, although our Standard calls for only a "moderately large" comb. Fig. 4 is a fine Hamburg comb, symmetrical and of a size in keeping with the breed, the leader (or spike) is also well placed and shows the blade-like conformation characteristic of a well bred Hamburg comb. On page 445, Fig. 5 and Fig. 6 are what might be termed "freak combs" the former being a small rose minus a spike or leader, the latter an over-developed Hamburg comb showing great width and depth with strong, thick points. On the same page in single combs, Fig. 7 represents the modern style of the Leghorn comb, which neat as it looks, hardly carries sufficient blade for the extreme length

of back and tail now fashionable with White Leghorn males. Fig 8 is a good Minorca comb, plenty large enough to be attractive. Fig. 9 is the style Plymouth Rock comb especially favored by White Plymouth Rock breeders, one that is met with in the winners at our leading shows. Fig. 10 is the straight line Java comb which harmonizes with the contour of the breed's shape. Fig. 11 is a pretty fair type of the Rhode Island Red Comb which seems to be in favor with many breeders. Fig. 12 is an Orpington comb that ought to harmonize nicely with the head and neck sections. Fig. 13 is the longest single comb of all and justly so, as it belongs to a fowl that is one of the largest in body of any breed known. Page 516, Fig. 14 is the pea comb characteristic of the Brahma fowl, but it is rather small in size, although the triple comb serrations are well delineated. Fig 15 and

16, Page 518, are two styles of Houdan combs, the butterfly kind being favored by English breeders, while our Standard calls for the V-shaped comb. The La Fleche was named after the comb which means in plain English, "the arrow," it is very well shown in Fig. 17. Fig. 18 is what is termed a "Buttercup comb." Crossing a V-combed variety with a single combed variety will produce this class of combs.

SAVE $\frac{1}{2}$ YOUR FEED BILL - MORE CHICKS
 Increase Egg Yield 100%
 -by killing all lice, mites and other vermin in the right-time when they feed on the fowls-by using our Fume Producing Roost. Only rational method in existence. Cheap, reliable, lasts a lifetime. Needs no attention from you. Works automatically. Write for literature which tells how to double your poultry profits. Address
LANE POULTRY ROOST MFG. CO.,
 1085 E. Reed Street, Kalamazoo, Mich.

BLUE HILL POULTRY FARM BARRED PLYMOUTH ROCKS EXCLUSIVELY
 Following you will find the result of twenty years of careful scientific line breeding. They are considered everywhere as leaders as they have earned their records. 2nd cockerel at New York, 1911. At Chatham, N. Y., September, 1911, I won 1, 3 cock; 1, 3 hen; 1, 2 cockerel; 1, 3 pullet; 1 pen fowls; 2 pen chicks, also silver cup and sweepstakes for best exhibition of Barred Rocks in hotly contested exhibit. Stock for sale for early fall shows. Don't pay excessive prices. Write at once. **PATRICK CANAVAN, PHILMONT, N. Y.**

SINGLE COMB REDS High-class matings. Superb in shape and color. My Madison Square, Philadelphia, Hagerstown and Camden winners in my pens. **Catalogue.**
EGGS, \$2.00, \$5.00, \$10.00 per 15. CHICKS, \$18.00 per 100.
SPECIAL MATINGS, 50 cents and \$1.00 each.

J. H. CROSSLEY, Box 177, MAGNOLIA, N. J!

TUTTLE'S ROSE COMB REDS AND WHITE WYANDOTTES

are trap-nested and bred to lay. Hundreds of line-bred youngsters sired by our 1st prize cock bird and other winners at Ohio State Fair. 100 choice yearling hens and cock birds for sale. Also 150 true Fawn and White I. R. Ducks with that ideal racy shape, without which it is impossible to win.

A. C. TUTTLE, Orchard Hill Farm, GALION, OHIO



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I want every person interested in White Wyandottes to send for a copy. It is chock full of reliable information and describes fully why *Dippel's "All Curves" White Wyandottes* are the best in the country. The quality of our 2,500 head has never been so high as this year. We want you to write. Our customers are always pleased, fully satisfied and get more than their money's worth. It pays to trade with *Dippel*. Write me your wants and let me tell you what I can do for you. Do not forget to send for my Book. It is free for the asking.

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S. C. WHITE LEGHORNS INDIAN RUNNER DUCKS (Fawn and White)

Ducklings, 20 cents each. Eggs, 6 cents each.
 Chicks, 10 and 15 cents each. Eggs, 5 and 7 cents each.
 Delivery after April 1st.

Leghorn Pullets six weeks old, 50 cents each, April, May and and June hatch. Order now the supply will be limited. You can raise every one of them. Safe arrival guaranteed on all shipments. Write us to-day.

Rogers Poultry Farm, Niagara County, Ransomville, N. Y.

AMERICA'S GREAT POULTRY FUTURITY STAKES?—A BRAND NEW INNOVATION IN THE EXHIBITION OF FINE POULTRY

The Great Allentown Fair Poultry Show (whose dates this year are September 24th to 27th), will inaugurate hereafter Grand Championship Futurity Stakes in the following varieties of poultry, viz: White Orpingtons, White Plymouth Rocks, White Wyandottes, White Leghorns, Rhode Island Reds and Game Bantams.

The Grand Championship Futurity Stakes will be an annual affair at Allentown in these varieties and others will be established, just as fast as interest develops. These will be the one and only Poultry Futurity Stakes in America and offer to poultry breeders in this country not only an unmatched opportunity to gain national advertising prestige, but, to win the Grand Championship Futurity Stake in any one variety is likely to carry with it besides a rich purse or stake.

These futurities which are originated and conducted by the poultry department of the Great Allentown Fair, promises to be a feature of outstanding interest in poultry exhibitions hereafter, as the preliminary announcement of same in last month's poultry journals evoked a vast amount of inquiry concerning same.

These futurities offer the small breeder the same chance to win as they do the larger breeders, for no one can tell at the date the stakes close where or by whom the best bird of the year will be raised. Hence no one, who has been able to put together a nice breeding pen or anyone who has bought or is going to buy one or more good settings of eggs, should fail to nominate one or more birds. The nomination fees are ridiculously small; scarcely the price of one low priced setting of eggs and one the small breeder can easily afford to pay.

The following rules will govern:

First—For the first year futurities will be open to six varieties only, namely: White Orpingtons, White Rocks, White Wyandottes, White Leghorns, Rhode Island Reds, and Game Bantams. However, if interest warrants, stakes in other varieties may be opened.

Second—Only birds hatched in 1912 will be eligible, and there will be separate stakes for cockerels and pullets in each variety or group of varieties mentioned unless the stakes of either should go below \$50.00, when they will be combined.

Third—The nomination fee in White Orpingtons will be five dollars each bird. In all other varieties two dollars each. Nominations will close April 1st, and the list in each variety will be published immediately thereafter.

Fourth—Birds nominated for these futurities need not necessarily compete for the regular poultry show prizes, or in the event of accident or failure to develop need not be shown at all. But all birds expecting to compete in the futurities, or in the futurities and regular prizes both, must pay in addition on or before the date of closing of entries (about September 12th or 14th) the regular Fair Poultry Show entry fee of one dollar each, thus guaranteeing a single well lighted and correctly grouped cage.

Fifth—The winner in the different futurities to take the entire stake. For instance, if the total stake in White Orpington cockerels is \$200.00, the winner takes this amount. He shall

also have the right to claim and advertise the "Grand Championship Futurity Winner for the Season of 1912", and shall be awarded a handsome ribbon certifying to this effect.

Sixth—Only birds raised by the competitors shall be eligible and the winners will be required in every instance to make affidavit as to this; as to the month the bird was hatched, as to where raised, and supply therein the names of two adults who can certify to the correctness of statements made.

Seventh—All checks should be made payable to W. Theo. Wittman, Supt. Poultry Department, Great Allentown Fair, Allentown, Pa., and all correspondence addressed to him.

ANDREWS' WHITE WYANDOTTES

J. W. Andrews, Dighton, Mass., has been breeding White Wyandottes for twenty years and has exhibited at Boston fifteen years out of the sixteen years that that show has been in ex-

istence. During all this time his birds have never failed to be among the winners.

At the recent exhibition held in "The Hub" in one of the greatest classes of White Wyandottes ever brought together, Mr. Andrews won first and second cockerel (65 in class), second and fourth cock, third and fourth pen, third hen, fifth pullet, special for best display, scoring forty points to nearest competition nineteen; special for best shape male, winning in all eight regular and seventeen special prizes.

Mr. Andrews has the distinction of winning first and second cockerel three years in succession, first pen five successive times and special for best shape male 1910-1911-1912.

This is a record to be proud of and one that will probably stand for some time, and it clearly demonstrates the quality of Andrews' White Wyandottes.

He has published a neat mating list for 1912 showing many beautiful half tones of his winners and describing his matings for this season. This will be mailed free to all interested in White Wyandottes if you mention AMERICAN POULTRY WORLD.

JERSEY STRAIN S. C. WHITE LEGHORNS

SELECTED AND BRED ESPECIALLY FOR
HEAVY EGG PRODUCTION

Guaranteed eggs from large vigorous two-year old females mated to superior active and handsome males, \$4.75 per hundred. Catalogue Free.

NORTH JERSEY POULTRY FARM, Box W, RAMSEY, N. J.

"Superior" Columbian Wyandottes

MAKE ANOTHER GREAT WINNING

Ohio State Show, Columbus, January, 1912, competing with the best breeders in the country, won 1st cock, 1st hen, 1st pullet, 2nd, 3rd cockerel and 2nd pen. My birds have excellent Wyandotte type and particular attention has been paid to produce strong hackles and wings. Write for catalog of stock and eggs.

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BRED - TO - LAY WHITE WYANDOTTES

Will receive our entire attention in the future as we have decided that their wonderful egg records mean more to us, and to the buying public than the prizes our stock always win. Years of trapping and careful selection have enabled us to develop a flock of wonderful egg layers, which visiting judges, breeders and poultry journal men have declared "Wonders." Eggs and baby chicks from this stock may be secured if ordered early. Ever have trouble with lice on your fowls? We had the same trouble until we discovered a preparation, which by one application, according to directions, will kill every louse on the birds, and keep them free from lice for six months. Write for circulars.

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Leghorn Eggs from Exhibition Stock, \$1.50 to \$3.00 per 15

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"SENSATION."

2nd cockerel, Madison Square Garden, 1909-10, owned by Top Notch Farms

CHAMPION

BARRED ROCKS

Sensation winners at Philadelphia, 1911, Meeting of the Rock Club. Top Notch won "The National Trophy" for best cock, hen, cockerel, pullet and pen—also cup for best display, 1st cock, 2nd cockerel, 2nd pullet, 1st pen—special for best shape male. New York, Central Palace, 2nd cock, 1st cockerel, 2nd pullet, 1st and 5th pens. Silver Cup for best display on Long Island. Send for mating list. Fine stock sired by "Sensation" and his sons for sale. Booking egg orders.

TOP NOTCH FARMS,

Box 12,

WATER MILL, L. I., N. Y.

THE BARRED ROCK AND THE STANDARD

By F. W. Proctor

[Continued from page 439]

I believe the Plymouth Rock models of the Standard are not such flagrant caricatures as they are cracked up to be. As to the Buffs, they have not been singled out for criticism. The White male model was, unfortunately, queered by the engravers; and the effect of that feather added to his tail has entailed an unbalance of bodily proportion which challenges the imagination as to what the picture was originally. For my own satisfaction of mind, I would like to know how this model looked when first presented to the committee. Did the reader ever play the game of composite animals—where one draws on a folded paper one feature, the next another, and so on until the animal is completed? The artist must imagine himself such an animal when his subjected illustration is being pawed over by a committee who know something of vaguely conceived ideals and mighty little of the making of pictures. I assert that this White male is a bird of magnificent proportions, and beautifully delineated. It is unfortunate that he is drawn in a more quiescent pose than are the Buff and Barred males. Just start him up, and, in the walking attitude, head higher, there is no apology needed as regards all proportions. We don't need better



A colony house on the Ideal Poultry Farm, College Hill, Cincinnati, Ohio. This house is well surrounded with an abundance of shade, and the birds shown in the foreground show the contentment that conditions like the above usually bring.

models so much as we need a school for critics. The trouble is that we have read in the Standard that the several Rock varieties "are identical, save in color." However, the junk harbored by that oracular volume is not confined to its musty score card. In practice—and good theory—the White Rock is not judged according

to Barred or Buff concepts. We must not allow a confusion of ideals to prejudice us as to the approved type of White Rocks. But for the fact that somebody discovered that the artist had not drawn his White model from Barred Rock, we should never have had such adverse criticisms. We jumped precipitately to the conclu-

THE ROYAL RED STRAIN

S. C. R. I. REDS finished the show season of 1912 by winning nine out of the possible ten firsts at the Great Wisconsin State and Michigan State Shows.

At the last four exhibitions our ROYAL REDS made the most sensational wins of any strain in the world.

The four shows referred to were Milwaukee, Chicago, The Wisconsin State Show, and the Great Michigan Round-up Show at Detroit.

At these four shows ROYAL REDS won a total of fourteen firsts out of a possible twenty that we competed for, leaving our many competitors but six firsts to divide between them.

At Detroit Show, which closed January 31, ROYAL REDS made the sensational win of

First, second, third, fourth and fifth cockerel; first, second, third and fourth hen; second, third and fifth pullet; first cock and first pen, bronze medal for the best pen, silver cup for pest display, American Poultry Association diploma for best cockerel in the class and all shape and color specials offered by the Rhode Island Red Club of America.

At the Wisconsin State Show, January 11-16.

First, second, third, fourth and fifth pullet; first, third and fifth cock, first, third and fifth hen; first, second and fifth cockerel; first, third and fifth pen; gold special for the highest scoring parti-colored pen in the show, American Poultry Association diploma for the best cockerel in the class and all shape and color specials offered by the Rhode Island Red Club of America.

At the Great Chicago Show:

Second, fourth and fifth cockerel; second pullet and fifth hen.

At Milwaukee:

First cock, first cockerel, first pullet, first hen, first pen and seven other regular prizes.

What better proof could be offered to demonstrate the quality of any strain. Circular describing matings and stock free for the asking.

F. E. Harrison,

Box A,

Menominee, Mich.

sion that we had been robbed and hence the hullabaloo.

THE BARRED MODELS UP FOR DISSECTION

Too much of our discounting of types arises in the very vagueness of our ideals. We must get out of this fool habit of trying to compare the actual with the intangible. Psychologists tell us that the human mind cannot conceive of anything which lies outside of our experience. I think that they should allow one exception, in favor of the henmen. When I read sixty-six criticisms of Rock type—variety not specified—and take note of their widely discrepant suggestions, it goes far to establish in my mind the conclusion that psychologists are willful prevaricators,—imagination enough to inspire an epic poem that would make the author of Paradise Lost wish he had never took to cards. Let us avoid such abstractions and compare models, not with vague ideals, but flesh and blood types. The Barred male of the Standard is strikingly like males winning the blue and shape specials at our recent shows. Hawkins, Thompson and Bright have shown them and I do not notice that expert breeders generally have been among those to discredit these models. These winning males generally vary more among themselves than they individually differ from the Standard's model—a fact which favors the latter as a representative type. I wish that the critical reader would fasten his Standard open where he may study these Barred models at his moderate leisure, say at five or six feet distance, laying aside previous mental bias, in order that he may be freely impressed with a growing sense of this male's majesty of type and symmetry of proportions. Snap judgment is not the thing, but let judgment be commensurate with all that this picture represents. Would you not think thirty minutes a long time to come to a mature opinion as to its merits? Yet the artist worked thirty years to perfect his hand, his eye, his brain, that he might, in the fullness of his experience, give us work like this. This male model is no vague ideal, but the assembling of the best features of several seasons' winners; to question its excellence stops not with the artist but discredits in a sense the work of the eminent breeders and judges who have set the seal of approval upon it. So let us temper our judgment with due deference to the artist's accomplishment—not in picture-building solely—but in true fancying; whose opportunities in this field have not been surpassed, and whose capacity in the role of fancier artist, as judged by world wide approval, has set a new Standard of quality.

Let us compare the female Rock model with some concrete example of excellence. I find in Owen Farms' mating list for this season a cut which bears a marvelous likeness to this model. This bird was winner of Barred female shape special at Madison Square Garden 1907. She strikes me as the most symmetrical and typical specimen which has been brought to view in public print. A comparison of

bird and model presents a similarity which I cannot believe is accidental. From comb to tail and thence downward to legs the most careful scrutiny cannot develop any change. When lower breast is reached the model exhibits a scantiness, somewhat marring the symmetry to be found in the (presumed) original, but giving to the model a longer appearance to body. I think that this change made the model a more representative Rock. The change is not a serious one, and does not materially affect the claim that the model cannot be faulty in any considerable degree and at the same time repeat so faithfully the type of this noted winner. The woolly west boasts of a breeder who says "he should not breed to the illustrations we now have in the Standard. They are absolutely wrong—especially the Barred Rock female," etc. Now, that is what I call capitalized Fussy! Without the utmost precautions he might ruin his flock and stand in danger of winning shape special at New York. These vague ideals we so recklessly carry around loose in our heads—waking nightmares, adenoids of the imagination! It is a common supposition that the great masterpieces of the human face and figure are ideal creations. The fact is, the artist invariably selects his living human model, and then endeavors to repeat its perfection as far as the limitations of his skill permits. Fanciers may draw a lesson from human portraiture.

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Aunt Harriet is a wholesome, sensible, sympathetic woman. She has never read "Three Weeks" and she doesn't know the first thing about Bridge. But she does know a whole lot about running a home successfully, raising children creditably and living with a husband happily.

Aunt Harriet writes to three or four million readers every month through FARM JOURNAL—gives them good advice and helps to solve their problems and smooth their troubles.

Farm Journal holds quite as much of interest for women as for men—whether they live in the city or the country. It's a great home paper—full of valuable hints that make for economy of time and money in the conduct of household affairs.

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Have won from Madison Square to Kansas City" with an unbeaten record for 13 years. Winnings include Cleveland, Pittsburgh, Toledo, Columbus and Chicago. Trap-nested for development of prolific production of large white eggs. "The Best Matings Ever" this year. Circular free.

Light Brahmas

Grand in size, true Brahma type, elegant markings. Winter and summer layers, with vigor to burn. These qualities have been bred into them carefully and intelligently through every generation from the inception of the breed. Our matings for this year are certainly remarkable. A few cockerels yet.

Scott A. Clark,

Box 91,

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THE feed mixing problem is solved. For many years the poultrymen have needed a feed mixer that was a real mixer. Now there is one. There have been no less than four different types tried on the famous Afton Poultry Farm and their Mr. Twining pronounces the one shown in the illustration the best he has ever used and all he could ask for. He has given it a thorough try-out and knows of what he speaks. Because of the part Afton Farm has played in the perfecting of this mixer, and because of the further fact that it has done so much toward making Afton Farm more profitable, the machine bears the name

"Afton Farm" Feed Mixer

The value and economy of home mixed feeds is well known to poultrymen. Why pay the extra price for ready mixed feeds when you can mix your own cheaper, better, and have it fresher? "Afton Farm" Feed Mixer is metal throughout, and will last a life time. It is as simple as a scoop shovel. It mixes more thoroughly and blends the feed much better than is possible to do by hand. With an "Afton Farm" Mixer, one man can mix as much as three men can by hand. It thoroughly blends both dry and moist mash. It is a grain savor and a labor saver. When you know that it reduces your cost of feed mixing two-thirds; and it saves a large per cent. of the feed bill; and that it makes the feed more palatable and easier digested, you will realize that you can not afford to be without one. It is made in capacities of 15 qts., 75 qts. and 150 qts. Larger sizes for poultrymen and dairymen made to order.

With our 50c booklet, "Feed Formulas" given as a premium with each Mixer and an "Afton Farm" Feed Mixer every poultryman can be a successful feeder. Write today for special inducement to one man in each community to introduce the "Afton Farm" Feed Mixer.

YARDLEY M'FG CO., Box D. 53, Yardley, Pa.

The living model must first be found, or bred. Nature creates, and man follows. We must not try to reverse the process. We act as match makers to further the production of more pleasing types and thus produce our proper models. Our art is strictly imitative. We have been vainly attempting to breed pictures when we should breed models. If we confine our activities to pushing the button, and allow nature to do the rest, the resulting sun-print entails a degree of authority that should balk the assurance of idealists. And above all, let us not commit the fatal error of supposing we can rear a substantial conception of type upon anything so flimsy as our understanding of the Standard's vaguely worded text. Abstract ideals are translated from one language to another language. But there is no medium of exchange between a few qualifying terms addressed to the ear and the niceties of an animal's shape appealing to the eye. The Standard's text as an inspiration to the designer of a type is a gross absurdity. It was because we realized the inadequacy of words to present to the mind the image of typical perfection that we substituted the picture model. Our model reproduces the living type, not the vagaries called forth by the Standard's text. The text but broadly outlines a type, the picture minutely delineates it. The model practically supercedes the text, and most faithfully presents the accepted type, copied from living models, through photographs of same, and should be changed, not when stated term is up, but according to needs of advancing ideals.

POULTRY ON THE FARM AND IN THE BACK-YARD

By Geo. A. Cosgrove

(Continued from page 437)

had 120 hens, White Wyandottes crossed with White Leghorns. The cash profit that year was \$290.14. As some of the 120 died, and we had one to eat when wanted, the average number kept through the year was less than 100, which gives a profit of \$2.90 per hen, on a market egg basis. This was about six dollars a week, and we found that although it had taken nearly all of \$25.00 a week to support us in New York, here in the country \$6.00 paid all running expenses outside of what we raised on the farm. Each year showed an increasing profit and houses and yards were multiplied until we had 500 layers and the year's profits reached almost \$800.00. All this time we had been producing market eggs only and shipping them to one man in Worcester, Mass., but gradually the demand for eggs for hatching led to the raising of pure bred White Wyandottes and Rhode Island Reds, and I have been interested to notice how one grows in appreciation of the value of a good bird, and willingness to pay the price. At first \$3.00 was about the outside limit that I thought I could pay, but in a year or so \$5.00 was just as easy, and now I can pay \$10.00 for a fairly good

male without any thought of extravagance.

In those early days the open front poultry house had not been thought of, and the first houses I built were made with a slanting front. As these houses gave me thirty square feet of additional floor space inside, with less than \$1.00 worth of lumber for the triangular ends, I thought it good economy to so build them, but since then have changed them to perpendicular fronts. The picture shows one end of the row of houses as originally built, also the feed shed on the left and a corner of the corn crib on the right. The plum trees in the yards also show. Each house has a scratching shed between it and the next house.

In a subsequent article I will give some of the things we have found it advisable to practice in keeping poultry.

BACKYARD POULTRY KEEPING

Of all sorts of poultry keeping this is usually far the most profitable per hen of any; and the main reasons are, that the table waste furnishes a greater variety of food than the business hen usually gets, and that only a few are kept. This combination of a small number of fowls and a large part of the food of the very best nature for egg production—obtained without expense—is only possible in what is called "backyard poultry keeping."

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25 lb. pails \$2.50; also in smaller packages and 100 lb. bags.

Gape Remedy is needed at this season. Chicks do not die from gapes when it is used. 25c. and 50c. a box. Write us if your dealer cannot supply you

Our 1912 edition Poultry Book mailed free.

PRATT FOOD COMPANY, Dept. 47 Philadelphia, Pa.

Pratts Animal Regulator makes horses, cows, calves, hogs and sheep more profitable or its use will cost you nothing.

commuter,—who wanted to keep a few hens, would have been compelled to spend time to plan the house and hunt up a carpenter to build it, and then find it some trouble to obtain pullets to put into it, but now there are firms that make a specialty of furnishing not only small houses made in sections ready to put together, but

practice for years has been to cut the second crop of fine grass, drying it but very little, and store it in the barn in bran sacks. If stored in bulk while so green, it might mold, but it keeps all right in sacks. I run this grass through my feed cutter, which cuts it about two inches long—it would be better if shorter—put it in a big iron

pot and pour on it a pail of skim milk which has stood since breakfast time on the back of the kitchen stove. This is done about ten A. M., the pot covered and left until noon, when bran, middlings, corn meal and beef scraps are mixed with it and it is fed while still warm. My hens gobble that down as they do nothing else. I have fed cut clover in the same manner, but the hens greatly prefer the grass, probably because it soaks out as vivid a green as if just cut from the field. Corn, either whole, cracked or ground into meal is one of the most essential feeds for laying hens. The yolk of an egg is more than 50 per cent. fat, and that fat must be supplied in the food or the hen will take it from her own tissues and become very poor, if she continues laying. Forty years ago I had two White Crested Black Polish hens that laid until they were mere

skin and bone, and died a short time after they stopped laying. They practically laid themselves to death. I realize that the above may sound "fishy" to many, but I am only stating what I know of a fact and those who don't believe it, are not at all compelled to. Among my Rose Comb Rhode Island Reds is a hen that has been laying for over a year, is laying now (Jan. 10) has shown no sign of molting, although all the rest of the flock completed the molt nearly a month ago and are beginning to lay again. I am greatly interested to see if she is going to wear that old suit of clothes for another year.

In "backyard poultry keeping" there is no attempt made to raise young chicks, no rooster is kept because his crowing might interfere with morning naps and thus annoy neighbors. With a "Norwich Self Feeder", which can be set so that only one or two grains of wheat, oats or cracked corn, come out at a time and which holds enough to last a week, very little labor is required and a good supply of genuine fresh eggs is assured. If Leghorns are kept, the flock need not be re-



For several seasons the "Regal Strain" White Wyandottes have carried off the highest honors at the great New York State Fair. The past season was no exception as they again captured the majority of the ribbons. Above is a reproduction of the first prize cockerel, a bird of true Wyandotte characteristics that easily claimed first honors in his class.

also the pullets to put in them. These small houses are neatly painted and some are ornamental in appearance, and they are fitted with roosts, nests, receptacles for shell, grit, charcoal, dry mashbox, etc. Outside runs of iath or wire netting can be used or not, as is desired. In some the fowls are never let out of the house, but it is a great advantage if there is a grassy yard to let them out for an hour or so before roosting time. If the birds are kept in all the time they must be supplied with green food of some kind; lawn clippings in summer are fine; in winter celery tops, kale, cabbage, specked apples, mangel beets, or even raw potatoes are good to furnish the succulent food which is so necessary to health, and which enables the hen to fill her crop without over-eating of the too concentrated grain ration. So desirable is this bulky food that will distend the crop, that I have known a flock of hens shut up for fattening and fed nothing but grain, to fill their crops with the small twigs that had fallen through the lath run from surrounding trees. Comparatively few feeders realize the importance of the bulky ration. My



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27 Cents a rod for 48-inch fence. Fewer posts and no base board or top rail required. Buy from the factory direct. Other styles of Poultry, Farm and Lawn Fencing Large Catalog free. Write today
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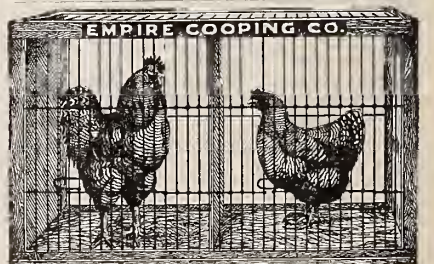
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newed for two years, as Leghorns are usually quite profitable layers the second year, but with most other breeds it will pay better to sell them as soon as they begin to molt in the fall, and fill up the house with pullets.

When the pullets are laying well, and the neighbors are gladly offering a heavy premium above the market price for eggs, that they know are fresh, the temptation to buy more pullets and make more money is very human, but it must be resisted. Over-crowding of the houses will lead inevitably to unhealthy conditions and less profit will be made from fifty kept in a house of the right size for twenty-five, than from the latter number.

If the houses have board floors, the floor should be covered to the depth of two to four inches with dry earth and upon this straw or leaves should be scattered for litter. I have seen baled shavings used to good purpose. With board floors a dust box is necessary, this should be large enough for several hens to wallow in at the same time, and should contain dry earth at least ten inches deep.

With these requirements filled, almost any suburban family can produce all the fresh eggs they can use, and make a decided profit on the surplus beyond their own needs.

CANASTOTA POULTRY SHOW

It was indeed a pleasure to be assigned to visit the Canastota Poultry & Pet Stock Association Show held Jan. 30-31-Feb. 1-2, as it demonstrated the advisability of offering cash prizes only upon the birds winning first, making said cash prizes of sufficient value as to attract the poultrymen who possess birds of quality, and are not afraid of strong competition, for it seems to be the aim of the association to produce quality in their show room rather than quantity, that being their principal reason for placing the money upon first prize birds that would otherwise be decided between first and second.

As compared with the first three shows of the Canastota Poultry & Pet Stock Association much better quality characterized the exhibits at the fourth annual show, and I was assured personally by the president, R. N. Kelsey, also Secretary F. C. Plumb, that the next show would offer such inducements as to attract the attention of prominent breeders throughout the country.

The association is already at work corraling a fine array of special prizes for the 1913 show. These, with the liberal cash awards to be paid the first prize winners, will assure the association of a large entry of the prominent breeds throughout the East.

Dates for the next show will be announced in the AMERICAN POULTRY WORLD later. Breeders interested are invited to write to F. C. Plumb, Secretary, Canastota, N. Y., who will furnish them with any further information desired.

The Canastota association is a thriving one and is in the field to stay. The financial standing is fully guaranteed by the officers who are in charge.—Pres., R. N. Kelsey; Sec'y., F. C. Plumb; Treas., R. B. Roberts. All these officers are residents of Canastota and are truly a class of men who are fully competent to run a show and make you feel at home and glad you attended. H. L. Kay.

BUFF ORPINGTONS If you want the best S. C. Buff Orpingtons obtainable, birds of quality—winners at any show, send to
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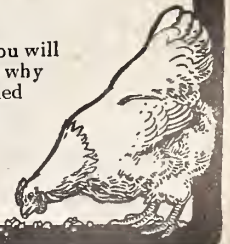
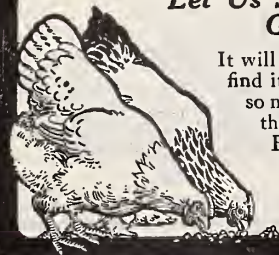
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THE EVOLUTION OF A HOUSE FOR MARKET LAYERS

ONE TYPE OF HOUSE IMPOSSIBLE FOR ALL LOCATIONS AND CONDITIONS. OPEN FRONT HOUSE FOR BREEDERS. A FORCING HOUSE FOR LAYERS. COMFORT, CONDITION SOUGHT. THE WRITER'S IDEAL FULLY DESCRIBED

BY C. S. VAN NIUS

EDITOR'S NOTE:—After reading the comments on Prof. Dryden's article, entitled "Practical Poultry Housing," in the November issue of American Poultry World, Mr. VanNius is inclined to support Prof. Dryden's statements and takes exception to Mr. Guidenger's assertions that there is only one correct style of poultry house. He gives his reasons for so thinking. He also submits outline plans of a house that he finds suitable for his location.

Accepted types of poultry houses vary in design for the same reason that religious denominations vary in creed,—to met the viewpoint of the several persons interested.

The November, 1911, issue of AMERICAN POULTRY WORLD contains a letter which argues for "one correct type" of house by stating that, after summing up a series of investigations, "the one correct house" may be approved for all localities, conditions and requirements and every other plan discarded. The author evidently had made a more extensive study of fowls than of the genus homo. Not while the world stands will one type of house suit all poultrymen, and I will go to the extreme of requiring two types of houses for one up-to-date egg farm: 1. An open front house for breeders; 2. A forcing house for layers.

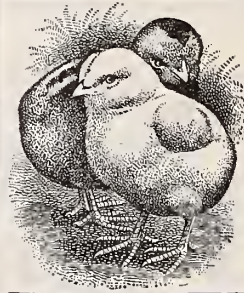
Prof. Dryden's article, "Practical Poultry Housing," in March, 1911, AMERICAN POULTRY WORLD, is an admirable exposition of the requirements for sheltering the breeders. The conditions in the laying house should be different. A hen set apart for egg production is expected to do her best for two years and then receive the reward of "the axe". A well bred fowl, surrounded by April conditions for 23 consecutive months, should make a satisfactory return for her breeder, owner, builder and caretaker. The success of the poultryman will, in a large degree, be measured by his ability to fill each and all of these offices.

"Twenty-three consecutive months of April conditions" will be considered by those versed in the art a high ideal, and the house will be a big factor if it is realized. Few open front houses offer anything approaching April conditions while a blizzard prevails without. Few, of any type, are low enough to be sensibly warmed by the body temperature of the fowls. Many good points of construction have been devised for the health and comfort of the fowls, but most designers shun the conservation of the animal heat as being detrimental to a dry interior. "Warm and damp" seem to be inseparable conditions in the minds of most students of the housing problem and I rejoiced to see in the September, 1911, AMERICAN POULTRY WORLD that warmth had a champion in the veteran poultryman, H. H. Stoddard. Speaking of the effect of heat on poultry, he says: "There is much to be learned about it. The last word has not been spoken by any means".

Whether I am perverting the meaning of Mr. Stoddard's utterances by

applying them to indoor surroundings I am not sure, but comfort is the condition sought and, as my working hens will use little of the world beyond the bounds of their house while the weather is severe outside, that comfort must follow them indoors or the output of eggs will be curtailed.

It required years to summon courage to remove any considerable portion of the front from the roosting quarters of my Leghorns; but I was



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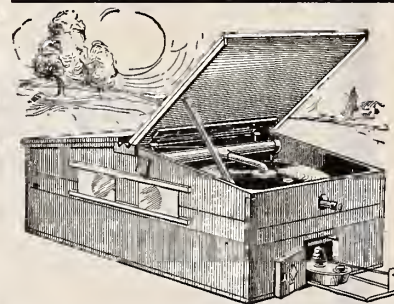
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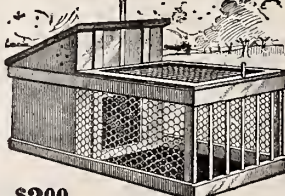
MR. H. K. JOB, State Ornithologist of Conn. and a Professor of the Conn. Agricultural College, who has had unusual success in raising quail in WIGWARM Brooders—something that has never been accomplished with any other brooder.

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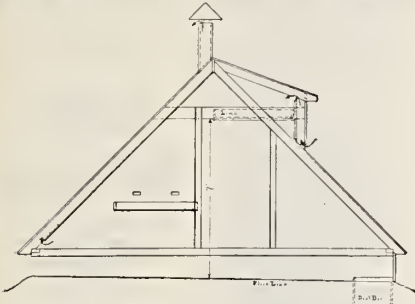
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after fresh air and got it in this way. I have been two decades studying how to accomplish the same result without sacrificing much of the animal heat given off by the fowls and have copied, in a large measure, scientific cow-barn methods of construction and ventilation.

I have in mind an elaborately designed cow-barn which the highest



Cross section of house constructed by Mr. Van Nuis, and one that meets all requirements in regard to floor space, light, ventilation, etc.

authority on ventilation could not make dry enough for cattle without artificial heat, while in the same neighborhood are scores of plainer buildings with their regulation 9 ft. ceiling, 600 cu. ft. space per cow, King system of ventilation and an equitable temperature throughout the winter without injurious dampness.

Applying these latter principles to fowl house construction, one's first obstacle is the low ceiling required for an appreciable degree of warmth. A fowl can be accommodated with any head-room above 15 inches, while a man would require approximately 6 ft. of head-room. A convenient width of the house would be 16 ft., and with plates only 15 inches above the ground, to give the hens room to stand upright anywhere. My roof inclines at 45 degrees from both north and south plates, forming a triangular construction and giving ample head-room for the attendant to do his

and terminating in a cupola, leaving ample room in the centre of building for track and swing carrier. When the windows are closed the circulation of air is from the warmer strata above to exhaust opening near the floor, on the King plan.

The entire house exterior, except windows and doors, is carefully sealed with builders' paper under roofing felt, which, with double glazed sash, maintain a warmer interior. Each unit of this house is 16 ft. x 14 ft. 2 in.; giving 5.6 sq. ft. of floor space to each of 40 fowls, all of which is available for scratching. The cubical contents of the house equals 25.5 cu. ft. per fowl. As proven by tests of Government experts, under practical working conditions, the King system of ventilation, as here installed, gives freer entrance and egress to the air, at all times, than do muslin windows. When a damp atmosphere prevails, the latter sometimes become inoperative, while the suction of the King exhaust makes air stagnation impossible; in consequence, the system is generally known as "automatic".

As a large absorber of water and carbon dioxide, racks covered with

burlap and containing considerable quantities of burned lime might be stored in the upper part of this house.



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100 DOZEN
FRESH EGGS
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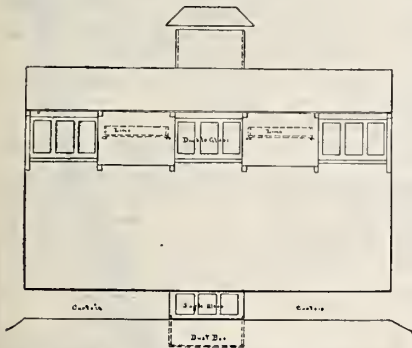
Order from this advt. Special prices on 200 boxes or more and pay freight on 500 boxes. Shipped knocked-down to save in freight charges. Catalogue Free of Egg, Day Old Chick boxes, Coops, Brooders, Hot Water Brooder and Brooder House Heaters, Feed Cookers, Whitewashers, Sprayers, Bone and Clover Cutters, Packed 1 doz. Bids., We charge 25c Extra for each Bid broken.

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Perfect Chick Boxes

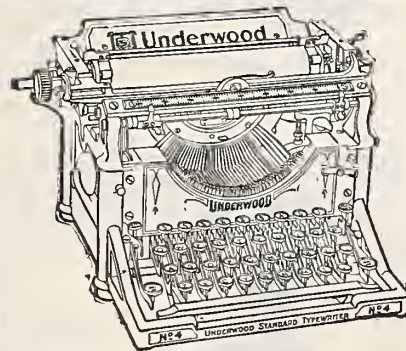
100 Chick Size	\$2.85 Per Doz.
50 Chick Size	1.75 Per Doz.
25 Chick Size	1.25 Per Doz.



Perspective of the above house and the one described in the accompanying article.

daily chores without inconvenience, for all appointments are arranged with this end in view.

A continuous dormer construction runs along the south roof, in which are placed three double-glazed tilting windows. The spaces between these windows are devoted to two fresh air intakes of the King type. The ventilating exhaust tube is built between the middle pair of rafters on the north side, extending from plate to ridge



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The air-slaked lime would later be available for alfalfa sod.

No form of building offers more storage capacity for the amount of lumber required to enclose it than a cylinder. A cube is the most econom-



Among our advertisers who have made good with White Orpingtons is D. W. Goodell of Fredericktown, Ohio. We show herewith an illustration of one of his males.

ical of lumber of the rectangular building where room is paramount. In a poultry house, however, great volume is undesirable, but maximum floor space per unit of lumber is of prime importance.

Having settled the problems of floor area and floor material for a proposed house, and chosen 16 ft. as a uniform width well adapted to a standard length of lumber, there can be no more economical enclosure, which will meet the requirements for head-room for fowls and attendant, than two 45 degree planes for roof and two triangular planes for ends. These, in reality take one-half the lumber required to build the economical cube referred to, whose plane of maximum intersection will equal our chosen floor space, or 16 ft. diagonally between edges. This triangular-thermos construction, with its adjustable ventilation, is one step toward the amelioration of the January-July extremes of temperature and one "word" toward "continuous April".

Note.—With hemlock and lap-pine lumber at \$27.50 per thousand feet, the cost of all material for the construction of this house, roosts and droppings board, will be \$1.21 per fowl, flooring not included.

KISKI VALLEY SHOW

Fourth annual exhibition of the Kiski Valley Poultry and Pet Stock Association was held at Vandergrift, Pa., December 6-9, 1911, and was a brilliant success.

Thirty cups ranging in value from ten to fifty dollars, with forty-six substantial cash specials, was enough attraction to fill our large hall with the finest collection of birds ever exhibited in the Kiski Valley. White Orpingtons, White and Buff Leghorns, White Rocks, White and Black Langshans were large classes. The Light Brahma was very much in evidence, fifty-one exceptional fine birds being entered. W. A. House was awarded a fifty dollar cup on Light Brahma cock, being the best bird in the show. Judge F. G. Bean awarded the

prizes by comparison, assisted by Wm. F. Aursvaldt who scored all birds not being placed by Mr. Bean. The manner in which the prizes were awarded and the treatment accorded exhibitors by the association has brought forth the most favorable comment. Wm. W. Shoop.

QUEEN QUALITY REDS

A. A. Carver, Seville, Ohio, advises that at the recent Cleveland poultry exhibition he won 1st cockerel; 1st hen; 1st pullet; special on best colored male; best colored female; best shaped female; silver set for best cockerel; the W. F. Murray silver tea set for best display; state cup and three club ribbons on Single Comb Rhode Island Reds. This is probably the biggest win on Single Comb Reds ever made at the Cleveland show.

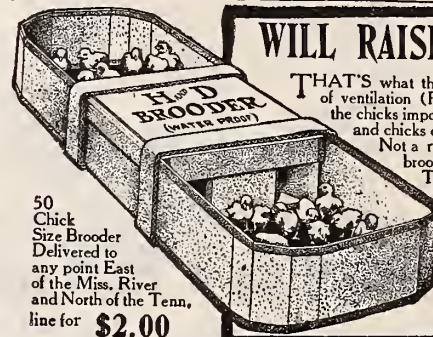
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INDIANAPOLIS SHOW

By J. H. Drevenstedt

(Continued from page 441)

petitors being the Orpingtons with 268 birds. The quality in the Barred and White varieties was very good, R. C. Caldwell, Fred J. Phelps and Guy Daily showing fine strings of Whites, while C. J. Lloyd & Son made a great display of their Partridge Plymouth Rocks. Buff Rocks fairly strong class, but Columbians did not bring out as many entries as we expected.

Wyandottes except the Whites were small classes, albeit the quality was good all along the line, some of the winners among the White Wyandottes being of a very high class.

Rhode Island Reds in both Single Combs and Rose Combs made a very good showing.

Orpingtons were next to the Rocks in numbers and really made a fine showing, giving that veteran Orpington judge, Richard Oke, plenty of hard work to do in picking the winners in the different classes.

The Whites led all the rest with 141 specimens, Rogers Poultry Yards making one of the largest displays.

Buffs followed with 94 specimens of

good quality, but the Blacks dropped to only 18 entries.

The rest of the large poultry classes except Polish was confined to only a few specimens in each, but Bantams were strong in the Cochin classes. There was a nice exhibit of Turkeys and a great display of Indian Runner and Buff Orpington Ducks.

COMMENTS ON THE INDIANAPOLIS SHOW

By Joe. Coleman

That this show was a success in every particular goes without saying. The attendance was highly satisfactory considering the extreme cold weather, and while many of the birds had suffered from frosted combs their condition throughout was really better than could be expected. Some extra choice specimens as high in quality as any shown this season were out. Awarding some of the specials created a friendly rivalry among the six judges, especially the awarding of the best cockerel in the various classes, three of the judges standing out for Guy Daily's crackerjack White Rock cockerel, and three for a fine White Wyandotte cockerel of the J. C. Fishel & Son strain owned by J. F. Strasburger.

The judging was handled in a sat-

isfactory manner and very little complaint was heard from the exhibitors or from anyone else. No matter how conscientious a judge may be or how well he does his work there is bound to be a certain amount of criticism. It is simply impossible to please all the people all the time and a show that is held with the least degree of dissatisfaction is certainly fortunate. Indianapolis was a show of the latter kind and is to be complimented on the smooth manner in which everything moved along. With the Messrs. Fishel, Buschmann, Sibley, Johnson, Murphy, Millhouse and others at the helm, success for any undertaking that these gentlemen may start is certain.

Some individuals in the Barred Rock classes were nobby—108 singles and 6 pens being shown. White Rocks were a grand and large class and three of the World's good friends were strong in the winning. Guy Daily, Jeffersonville, Indiana, won 1, 2 cock; 1, 3 hen; 2 cockerel; 3 pullet, and 1 pen. Mr. Daily's birds were in the pink of condition, and the genial smile that Guy reflected seemed to make every one feel happy. Fred J. Phelps of Bucyrus, Ohio, showed four White Rocks and had them all placed well up in the money, winning as he

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THE BEST WORK ON
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POULTRY FARMING



did 3 cockerel and 1, 4, 5 pullet. Mr. Phelps is a breeder of many years' experience and knows good White Rocks and how to breed them. We were pleased with the exhibit of R.

tracted the attention of the crowds and was a good drawing card.

White Orpingtons are surely making rapid strides and certainly some Whites of remarkable quality and type were shown at Indianapolis. Rogers Poultry Yards, Cincinnati, Ohio, won 1 pen; 1, 4 cockerel; 3, 5 pullet; 2 hen and 2, 3, 4, 5 cock. This is surely a remarkable winning considering the competition. Triangle Orpington Yards, Fredericktown, Ohio, won on a very fine hen.

The display of Silver Campines attracted a lot of attention, and there seems to be no question about their having a decided boom as many breeders over the country are quietly taking over a pen or two. Messrs. Heck & Bates showed a fine string of Silver Campines and swept the platter winning all the firsts and specials; likewise did they do the same thing at the Illinois State Show at Springfield.

During the week many prominent breeders from over the state not exhibiting would drop in for a day or two and the glad hand was passed

around in a way that showed the friendliest feeling.

PALEN'S R. C. BLACK MINORCAS

Two years ago we were surprised at the quality of the winners in the R. C. B. Minorca classes at the Poughkeepsie Fair. Upon enquiry we found they belonged to H. O. Palen, Prop. of Woodside Farm, Highland, N. Y. We told him that his stock would win at New York. He said "I am going there." He went, and succeeded in winning best display at the Great Madison Square Garden. He came back again this year and did the same thing and he did it with a smile for all, in fact, Mr. Palen is never without one. He is a hustler and along with being interested in poultry is ranked among the leading agriculture experts of the Empire State. At the last meeting of the New York State Agricultural Society held in the capitol, he made a very interesting address which was listened to with rapt attention. Mr. Palen has issued a very nice catalogue which he will be pleased to send to all readers of AMERICAN POULTRY WORLD who desire one.



First White Wyandotte cockerel, New London, Conn., Nov., 1911; also winner of shape and color special. Bred and owned by J. H. Jackson, Hudson, Mass.

C. Caldwell, Lyndon, Ohio, in this class and he carried away a number of the choice plums. Mr. Caldwell's poultry plant is unique, he being one of the pioneers in the furnishing of baby chicks from the choicest exhibition White Rock matings.

We come to that prince of good fellows, C. J. Lloyd of C. J. Lloyd & Son, Greensburg, Indiana, who with his young son as junior partner, showed what good Partridge Rocks are, and practically made a clean sweep. Their birds carried nice penciling with good long Rock backs.

White Wyandottes were a particularly strong class, about 90 being caged with the cockerel class, the strongest in numbers. Mr. J. F. Strasburger of Greensburg, Indiana, through his generosity desires it to be known that the birds he showed were either from eggs or stock purchased from the well-known firm of Messrs. J. C. Fishel & Son, Hope, Indiana. Mr. Strasburger's winnings were 1, 3 cock; 4 hen; 1, 2 cockerel; 1, 2, 5 pullet.

Rhode Island Reds very nice, and while the Buschmann-Pierce Farms did not show for competition they had a decorative display that would be very difficult to improve. About thirty of their Non-Fading strain of Rose Comb Reds, besides their Single Combs, were on display. The artistic arrangement of this display as well as the number of really fine birds at-

Oakland Farm S. C. Brown Leghorns BOTH MATINGS. Indian Runner Ducks, Fawn and White, lay pure white eggs. Fine quality in Partridge Plymouth Rocks. Duck Eggs \$1.50 per 11. S. C. Brown Leghorn \$1.50 per 15. Booking orders now. **CLAUDE HARRIS,** WEEDSPORT, N. Y.

BUFF WYANDOTTES

Prize-Winning, Record-Laying and High-Class breeding stock.

Fine cockerels at bargain prices. Eggs for hatching

We Guarantee to Please You.

MAPLE VALLEY POULTRY FARM, WEST CHESTER, OHIO

ZELLER'S WHITE ORPINGTONS

I won 5 ribbons and 7 special prizes on 7 birds at the Greater Richmond Poultry and Pet Stock Association. Richmond, Ind., Jan. 24 to 27, 1912, 1st pen, 1st and 4th cockerel, 2 pullet and 2 hen, (no cock bird shown), in a class of 70 White Orpingtons. **Stock For Sale.** Eggs, \$3.00 and \$5.00 per 15.

MILTON POULTRY YARDS, L. P. Zeller, Prop., **MILTON, IND.**

BUSCH'S BLACK ORPINGTONS

Winners at Mansfield, Toledo, Buffalo and Cleveland. Stock

and Eggs for sale. **Free Mating List.** Tells

all about them, send for one.

J. H. BUSCH, 3722 Brooklyn Avenue, **CLEVELAND, OHIO**

2000 WYANDOTTES IN GOLDEN, SILVER AND WHITES

That have the size, shape, color of the finest exhibition quality, or for the breeding pens; young, fit for the hottest company. Our birds have won more premiums at New York, Chicago and America's other greatest shows than any other breeder. Eggs, \$3 and \$5 per setting. If you want the best at low prices, we can supply you; also Golden Sebrights and Collie Pups. Large circular 5c.

BROOKSIDE FARM, **IRA C. KELLER,** Box 50, **PROSPECT, OHIO**



The World's Greatest Win On Columbian Wyandottes

AT THE WORLD'S GREATEST SHOW

At Madison Square Garden in the greatest class of Columbian Wyandottes ever brought together, I won 1st Pen, 1st Hen, 3rd Cockerel. Cockerel heading 1st Pen was awarded the Grand Championship for the best Columbian in the show. A Pullet in 1st Pen won special for best colored female, thus giving me the Best Columbian Wyandotte in the show, the best pen, the best male, the best cockerel, the best hen and the best colored female. This record has never been approached by any Columbian Wyandotte breeder at Madison Square Garden. Again at Scranton with an entirely different string of birds I nearly made a clean sweep. My 1st cockerel won both shape and color specials, \$150 Challenge Cup for best Columbian in the show. D and H \$100 Challenge Cup for best bird in Lackawanna County, Philadelphia Record and A. P. A. Medals for the best bird in the American classes. Cup winners at Allentown two years in succession. I am selling my best eggs this year \$5 per 15, which will positively be your last chance to get eggs from this great winning strain at that price. Send for matings.

HARRY B. MILLER, **R. F. D. No. 1,** **CLARKS SUMMIT, PA.**

NOTES ABOUT SUCCESSFUL POULTRYMEN

By Geo. W. Tracey

(Continued from page 447)

as his males and females must have the true Barred Rock color, especially as one judge placed the awards on females and the other on males, and as these judges were Henry Schwab and Chas. T. Shaylor, two of the best Barred Rock judges in America, Mr. Riley can justly claim preeminence for his strain. Mr. Riley is president of the great Philadelphia show, and with the exception of Friday morning, when he showed me his farm he spent every minute of his time at the show. In consequence of this Mr. Riley's string for New York wasn't nearly as strong as it might have been. Condition means a lot and a whole lot of prizes in the Barred Rock alley are won by condition and we are certain that if Mr. Riley had spent the week of the Philadelphia show in preparing and selecting his exhibit for the Garden, he would have more prizes to his credit. Mr. Riley will have 20 pens mated up this season and it stands to reason that they will far exceed in quality any of his previous season's matings. Last season he had 38 first prize females in his pens, these with this season's winners will also be in his matings and it's Mr. Riley's proud claim that he will have more prize winners in his breeding yards this season than any other Barred Rock breeder in America. Mr. Riley double mates. He claims that it's the only successful method to produce exhibition males and females and I believe he is right.

He publishes a neat catalogue in which every mating is described. He has eight pens mated to produce exhibition males and 12 mated to produce exhibition females. From his catalogue you can select the pen from which you desire to purchase eggs for hatching and Mr. Riley is the kind of a man that will send you the eggs you order and pay for. He is a worker for the Barred Plymouth Rock and from the reputation as a stickler for duty, he was chosen secretary and treasurer of the American Barred

Rock Club. He has advanced steadily to the front and we have no hesitation in making a prediction that he is bound to stay there, now that he has acquired the habit of winning blue ribbons at Madison Square Garden. We believe he will not relinquish it and we predict still greater honors for the noted utility and exhibition strain of Barred Plymouth Rocks originated and perfected by Henry D. Riley, Strafford, Chester Co., Pa.

THE MORELY FARMS

A pertinent instance of the growing importance of the Standard-bred poultry business can be found by a visit to the up-to-date poultry farms owned and operated by The Morley Farms Co.

This company consists of John Morley, Mrs. John Morley and the Misses Hilda and Mary Morley. It is a family partnership, all working harmoniously towards a goal, the winning of which will place The Morley Farms Co. among the leading poultry breeders of the country. We wish to say that the Morleys are not dependant upon the success of the farm for their livelihood. They are people of means, each one being ardent lovers of pure bred poultry as well as being devoted to farm life, they conceived the idea of owning and operat-

ing a poultry farm, the success of which would give them a name noted in the annals of poultry history.

John Morley, the secretary and manager of the company, is a noted civil engineer, his great success in his profession having netted him a comfortable fortune. For years his moments outside of his business were devoted to the building up of a heavy laying strain of exhibition White Wyandottes, and when he finally retired from active work, incidental to his profession, he had a flock of exhibition and utility White Wyandottes that would measure up with the best in the country.

The farms are located about one and one-half miles from the thriving city of Amsterdam and we consider it an ideal location. We visited the farms on the 31st day of January and on being informed that Mr. Morley was just starting to collect the eggs, we hustled into the big poultry house as that was just the work we liked to witness; the gathering of the eggs, especially in the winter, with the weather at zero.

We were pleasantly greeted by Mr. Morley and with him went through every pen, assisting him in gathering the eggs and at the same time observing the types and color of the different birds in the various pens. There were 25 mated pens of White Wyandottes and 10 of Single Comb Rhode Island

Silver Duckwing and S. C. Buff Leghorns America's Best

Winning at Madison Square Garden Show, December, 1911, 4 firsts, 1 third, 1 fourth and 2 fifths and one cash special on 10 entries. Egg orders now booked for future delivery.

Send for 1912 mating list.

THOS. PEER,

CALDWELL, N. J.

DEMING'S SINGLE COMB REDS

One of the recognized leading strains of Reds in America. Again swept the boards at the big Waterbury Show, winning 1-2-3 cocks, 1-2-3 hens, 3rd cockerel, 2-3 pullet, 1-2 pens. Also the handsome silver cup for the best display, after supplying many winners for the big shows. The pens that I have mated are the best ever, and we will sell eggs from them all. Eggs from exhibition matings \$5.00 per setting. I guarantee full satisfaction on every order. Circular.

H. P. DEMING, S. C. Red Specialist, ROBERTSVILLE, CONN.

S. C. BLACK ORPINGTON SPECIALISTS

As such we have won during the past 18 months from Chicago to Atlanta, Ga., including Indianapolis, Springfield, Nashville and Memphis. 26 Blue Ribbons and 22 Red Ribbons, out of a possible 35 in each class. What Eastern breeder can show such a record?

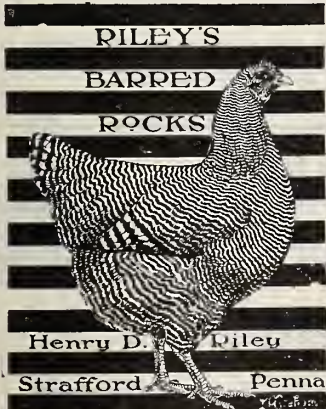
We have 20 grand pens mated for the Egg and Baby Chick Trade, 10 pens headed by First Prize Winning Males at above shows. For egg production during a cold winter our birds have no equals. Our mating list is free. Write now stating your wants.

BLUE RIBBON POULTRY FARM,

COLUMBUS, IND.

Riley's Barred Plymouth Rocks

"The Riley Trade Mark of Perfection"



Sensational Have Been Their Past Records. Sensational Will Be Their Future Records

Never in the history of the show room have winnings been made equal to those of Riley's Rocks the past season. A grand triumph of the large shows of the East, including Madison Square Garden, Baltimore, Williamsport, Camden, etc., and ending up with a most remarkable win at Cleveland, the banner of the West, of all five firsts.

Do you want eggs from my second prize and color special cockerel at Madison Square Garden, pronounced by Judge Shaylor one of the greatest colored males he has ever handled.

Do you want eggs from my great first prize Cleveland cockerel, pronounced by Judge Schwab an almost ideal cockerel and superior to my wonderful Madison Square cockerel.

Do you want eggs from males I consider even as great as these?

Do you want eggs from a female line that has won the blue at Madison Square Garden the last two years, and from a line that has been brought to as near perfection as scientific breeding can bring them. In final do you want eggs from the best pens that have ever been mated up and at prices, quality considered, that cannot help but appeal to you.

My strain is known from the Atlantic to the Pacific, and birds hatched from my eggs the past season have been landing the honors at our best shows.

The proper mating and breeding of Barred Rocks to produce the highest results possible can only be obtained through the closest study to blood lines, and I claim that my matings this year will prove that I have not spent the past years in vain. My illustrated mating list is now ready to mail and if you really want the best, if you want to win, if you want to out-distance all your competitors, you should have one, my very best is at your disposal. My customers share with me in all that I have. Will you not accept of it?

Whenever You See The "Bars" Think of Riley's Rocks—Barred Of Course.

HENRY D. RILEY, Box C, STRAFFORD, CHESTER CO., PA.

Reds and we can assure our readers that we had a goodly supply of nice big brown eggs by the time we had finished our jaunt through the various pens.

The Morley Co. poultry houses are built strictly on the fresh air principle, not one single pane of glass is to be found in a poultry house on the place. The principal house is 264 feet long, divided into 23 pens 20 feet deep and 11 feet wide. The fronts are wire, excepting to a height of 4 feet, which is of wood. A heavy muslin curtain rigged in a very ingenious manner is used at night and during the day when the weather is extra blustery and the wind is blowing in a direction that would send snow or rain into the pens. An innovation was the placing of the summer colony houses into the big breeding house, each house being used as a roosting and laying coop for the breeding pens during the winter and early spring months. They are 8 feet deep, 6 feet wide, 6 feet high in front and 4 feet high in rear and are so constructed that each can be taken down in 10 minutes and carried out in and put together in about the same time. The houses are scattered over the farms and are used by the growing birds until it is time to remove them to winter quarters. They are set up on legs, about 2 feet from the ground, when used as colony houses, affording the growing chicks refuge from the rain, as well as a cool shady place and a protection from the hot July and August sun.

The young birds have free range of the farm to grow and as a result of open air housing methods of handling the breeding stock, vitality is bred into the young stock, with the consequent result that the breeding pens of the Morley Farm Co. for 1912 contain males and females that for health, vigor and beauty will compare favorably with any breeder's flock in the country.

The Morley Farms Co. having their flocks up to the required standard that they have been breeding for will, for the first time, offer baby chicks for sale, and it follows that their customers will be pleased with their purchase from Morley Farms. They will sell day old chicks from their special matings at \$18, \$20, \$25 and \$30 per hundred, the slight difference in the cost of chicks from the different pens is on account of some of the pens having birds of higher exhibition quality. But as all are well bred you will make no mistake in ordering chicks from any of the mated pens. In fact they don't hatch any chicks from their utility pens. They also sell eggs for hatching at \$2, \$3 and \$5 per setting—\$15 per hundred. These prices are very low considering the quality of mated pens. They sell incubator eggs from

their utility pens at \$7.50 per hundred.

They have a hatching capacity of 2,500 chicks monthly, besides the old mother hen, but they are preparing for the installation of a mammoth machine, when they will be prepared to fill any order in the rotation in which it is received.

Morley Farms Co. will not publish a catalogue until next fall. By that time they will have completed additional houses, incubators, and brooder building and other improvements which will be featured in their handsome catalogue to be published about Sept. 1, 1912. Visitors are always welcome at the Morley Farms and from our own experience we can assure them of a very pleasant visit. We feel as though we cannot say too much in praise of the Morley Farms Co., Amsterdam, N. Y.

SKYLANDS FARM

Skyland Farm, Sterlington, N. Y., is undoubtedly the prettiest abode of poultry to be found in America. Nature in all its grandeur is to be found on Skylands Farm and in its direct vicinity, Skylands is the home of the finest of cattle, horses and swine, and we may also add S. C. White Leghorns. Harlo J. Fiske, the manager of Skylands Farm, ranks as one of our most skilled S. C. White Leghorn breeders. We first seen Mr. Fiske's birds about six years ago. He had some of the very best then and he has kept pace with the times. Year by year he has been improving his strain until now he is able to go to a show like Chicago where he met the acknowledged leaders of the west and

won 1st, 3rd and 4th cock, 1st, 4th and 5th hen, 5th cockerel, 4th pullet and 1st pen, including special for best display. This was the last big Chicago show held in the Coliseum and was one of the biggest and best ever held in America. This is a notable victory when one considers the distance the birds were shipped, as it's a well known fact that white birds collect a certain amount of fine dust or oily smoke in their plumage on such a long shipment. That Mr. Fiske's birds

Expert Poultry Judge

BREEDER OF

Orpingtons, Blacks, Whites and Buffs, Columbian Rocks and Anconas.

R. J. HOAGLAND,
STAMFORD, Delaware County, N. Y.



42 PRIZES

in Madison Square, Rose and S. C. Brown, Rose and S. C. White Leghorns. 240 and 242 egg strain, big birds, big eggs. Eggs \$2 to \$5 per 15' Catalogue.

W. W. KULP,
Box 12, POTTSTOWN, PA.

COLUMBIAN WYANDOTTES

PRIZE WINNING

Bred-To-Lay Strain. Strong Colored Birds.
Eggs to Hatch. Baby Chicks.

BOOK YOUR ORDERS EARLY

A. W. NEWELL, GENEVA, N. Y.

GIES' WHITE WYANDOTTES

Won at Albany, January, 1912, 1st hen, 1st Pullet, 2nd cockerel, specials for best, solid colored hen and pullet in show in warmest kind of competition. While my stock has been bred in line and have won consistently for years, the utility qualities have not been neglected. I have mated only about 20 birds (every one a winner) in trios and small pens and will sell a few eggs for \$3.00 and \$5.00 per setting, fertility guaranteed. Book your order now. Send for mating list.

A. J. GIES,

Box A,

DELMAR, N. Y.

We now have our pens of S. C. BUFF LEGHORNS Mated up for the season of 1912

Can furnish you with eggs from our Albany, Chatham and Great Barrington Winners at \$3.00 and \$5.00 per setting, and from our best utility matings at \$2.00 per setting. Free range stock at \$8.00 per hundred up. Baby chicks \$13.00 per hundred and up. Exhibition chicks a matter of correspondence. Our stock is strong, healthy, vigorous and they are Winning—Laying—Paying. Send for our circular and mating list.

SPRINGSIDE POULTRY FARM,

J. W. & J. Edw. McNeil,

CANAAN, N. Y.

THEY LEAD THE PROCESSION

WHO ?

SEAMAN & BOGERT'S ROSE AND SINGLE COMB R. I. REDS

Our show record proves it. Look up our record at Allentown, Mineola, Augusta and Philadelphia. Quality wins every time. We have the quality.

BABY CHICKS OR EGGS FOR HATCHING

We furnish either from our prize matings. Send for catalogue, its free.

SEAMAN & BOGART

Box 5,

PORT WASHINGTON, L. I., N. Y.



"IDEAL'S PRIDE"

Win at the
Great Cincinnati Show
First and Second pen
Black Orpingtons, First
Pen Buff Orpingtons,
Second Pen White Orpingtons, Ribbons on all single entries.

ORPINGTONS

WHITE, BUFF, BLACK

RHODE ISLAND REDS

Win at the Great
Hamilton Silver Cup Show
12 Firsts, 10 Seconds, 11
Thirds, 8 Fourths, 7 Fifths
and 10 Silver Cups, Diplomas for best males in English Class.

Send for our catalogue containing photos of our winners, views of the farm, stock and egg prices and mating list.

IDEAL POULTRY FARM, Box 14-W, COLLEGE HILL, CINCINNATI, OHIO

should win such sweeping victory speaks wonders for their exhibition quality. He has also made some wonderful winnings at the Buffalo International and at Boston, and for the last two years has won best display at the latter show. The best birds in the Skylands string are rated high, as a leading western breeder offered Mr. Fiske eight hundred dollars for one of their best male birds at the last Boston show, but the offer was refused. Skylands Farm has also won at Madison Square Garden. They won 1st on a pullet at the 1910-1911 show that experts declared was one of the best S. C. White Leghorn pullets yet shown to date.

We visited Skylands early last fall and we were positive at that time it would be impossible to beat him as we saw several wonderful cock birds, one of which was the bird that eight hundred dollars was offered for at Boston. It may be that the beauty of the farm added to the looks of the birds, but we thought that we viewed some cockerels that could not be beaten. They were simply perfection, and there was a goodly number of them to be seen and we were not a bit surprised when we heard of the big Chicago record of the Skylands Farm. Mr. Fiske informed me that he has been over-run with business, hardly being able to meet the demand and still retain crackerjack birds to breed from, but the coming year he plans to raise a larger number as he has constructed new buildings, and has installed a Hall Mammoth Incubator, and he believes from the reputation enjoyed by the Hall that he will raise more and better Single Comb White Leghorns than ever. Mr. Fiske is a splendid fellow to deal with as we saw some flattering testimonials received from satisfied purchasers, and by these we are free to say that he has supplied blue ribbon winners for leading Canadian and American shows. His breeding pens this season will be very strong and egg purchasers will have an equal chance with him to hatch good ones as he sells eggs from all pens without reserve. His catalogue is free to all who desire and can be had by addressing, Skylands Farm, Harlo J. Fiske, Mgr., Sterlington, N. Y.

ROCK CREEK FARM

When you size up a man by what he has accomplished, Hugo Freese is a very big man. We have been acquainted with him about seven years. This acquaintance was brought about through the mediumship of showing Reds. We met at a show and it

didn't take long to get acquainted; he very quickly impressed us as being a man that really understood the mat-



White Wyandotte pullet winning first prize color and shape special, New London, Conn., Nov. 1911. Owned by J. H. Jackson, Hudson, Mass.

ing of Rhode Island Reds. This impression was created by the different results he told us that he obtained from different matings, he claiming certain results from certain

marked or colored birds, and from our own experience, we knew that he was correct, and we are free to state that Hugo Freese thoroughly understands the correct mating of Rhode Island Reds. He always has been able to breed and show good ones, whether working and showing for himself or in the capacity of manager. We have seen his birds win at Buffalo, New York State Fair and Madison Square Garden. Besides these shows he has furnished winners for many shows, large and small, all over the country. He is also a first-class mechanic, as he has built an incubator that gives very satisfactory results. Mr. Freese is an expert on the subject of artificial incubation.

Rock Creek Poultry Farms sell baby chicks and in order to be successful in this important branch of the poultry business, the chicks that are sent out must have the most careful and exact incubation. When it comes to handling an incubator in a manner that will hatch livable chicks, Mr. Freese has no superior, but he claims it isn't all in the incubator. If you do not have your breeding stock in proper breeding condition no manner of incubation can hatch healthy, strong chicks from eggs laid by such stock. Hence a visit to Rock Creek Poultry Farm will convince you that if health and vigor has any thing to do with it, the baby chicks that Mr. Freese will send out to his customers

R. & S. C. Rhode Island Reds

Reds Tracey Strain as good as the best. We have won with them at Boston and Madison Square. We always win with our Orpingtons. A few choice S. C. White Orpington Cockerels for sale. Eggs and Stock for sale. Send for illustrated catalog. MRS. W. L. COBINE, ONEONTA, N. Y.

White Orpingtons

Reepmeyer's Silver Laced Wyandottes

Again Big Winners. This season at Grand Central Palace on four entries we won First Cock, First Hen, Third Cockerel, First Pullet. Madison Square, 2nd Cockerel, 2nd Pullet. Last season at Philadelphia in the largest and best class of Silvers ever shown we won First Pullet. At Buffalo, N. Y., First Hen. These winnings stamp them champions. Eggs from these winners \$5 per 15. Book your orders now. Write J. REEPMAYER, Jr., CRAIG, Schenectady Co., N. Y.

BUFF WYANDOTTE CUP WINNERS

Winning Club Cup at Rochester, December show, at Great Rochester, January, won 5 firsts, 5 seconds, Auburn 4 firsts, Geneseo same date 5 firsts. Can you heat it? 20 fine cockerels and some pullets for disposal. Mating list quoting prices.

E. B. FELLOWS,

SCOTTSVILLE, N. Y.

S. C. RHODE ISLAND REDS

At Allentown, Pa. first cockerel 1911, Paterson same year, 1st, 2nd and 3rd cockerel, and the first cockerel at Paterson was pronounced by Judge Card and many others to be as fine a S. C. Red as they ever saw and I refused \$150.00 for this bird at this same show. Jan. 1912, at Passaic, N. J. I had 2nd cock, 2nd hen, 2nd, 3rd and 4th cockerel, 2nd and 4th pullet and 2nd pen. I have been 10 years breeding Reds and never had stronger birds than this year. Eggs from my best pens \$5.00 for 15. Send for mating list.

GEORGE P. DEARBORN,

BLAIRSTOWN, N. J.

"TWO OF A KIND"

TWO **OPEN AIR** HOVERS

Nature AND Close-to-Nature

Bird Life Demands Open Air --- Close-To-Nature Brooders Give It

Contact Warmth, Like the Old Hen—Plenty of Fresh Air—No Over-Crowding. Give chicks these three things with sanitary conditions and you can raise every chick in flocks of 100 to 300. Close-To-Nature Brooders and Hovers keep the chicks Close-To-Nature and they live and thrive. It is natural for chicks to get their warmth by coming in contact with a warm body. Habit and heredity for several thousand years have made this the case. But Hot Air or Furnace Heat is Not Natural. It dries out, weakens, and finally destroys them. Chicks in Close-To-Nature Brooders nestle their backs against a warm body that perfectly simulates the broody hen. They breathe fresh, gently warmed air—not hot air—hot air kills. The Close-To-Nature is an elongated narrow contact warmth hover,—both ends of a hover five feet long equally warmed. It is revolutionizing the artificial heat brooder business. Free catalog on Close-To-Nature Brooders.

CLOSE-TO-NATURE CO.,

48 Front Street,

COLFAX, IOWA

are sure to live and flourish, and if ancestry and quality has any appreciable effect upon their progeny, I have no doubt but what many prize winners will be hatched and grown from either the eggs Rock Creek Poultry Farm sends out for hatching or the baby chicks that they sell.

The varieties bred upon Rock Creek Poultry Farms are S. C. Buff, Black and White Orpingtons, White Plymouth Rocks, White Wyandottes and Rose and Single Comb Rhode Island Reds. The flocks on this farm have been bred up to a high standard of utility. Heavy laying qualities have been sought for and obtained. This has been accomplished, yet exhibition quality has been retained. We believe the two go hand in hand, at least they seem to on Rock Creek Farm. Rock Creek Farm will sell day old chicks and hatching eggs from their best pens without reserve and always are ready to supply you with fine breeding and show stock. They publish a fine catalogue, giving the lists of mated pens, prices of eggs and stock, also giving the egg records of some of the heavy layers. It's interesting and will be sent upon application by addressing, Rock Creek Poultry Farms, Hugo Freese, Mgr., Geneseo, N. Y.

WM. COOK & SONS

When you mention the Orpington the mind involuntarily turns to Wm. Cook & Sons, the originators of all the Orpingtons. Of all the breeds or varieties that have come under popular attention, the Orpingtons are about the only ones over which there is no dispute as to their origin. It has been clearly established, with no contradiction, that Wm. Cook originated the Orpingtons. There is no possible doubt but that his name will ever live in the history of the poultry world as the greatest originator and breeder of Standard poultry that has ever lived. There are very few if any instances where the originator of a breed of poultry has ever realized a profit from his genius, the money has generally been made by the men that came after, or in other words by those who took up the breed and by generous advertising was able to boom and make a future for them.

A very important step in the spread of the popularity of the Orpington in the United States was the establishing by Wm. Cook & Sons of a farm at Scotch Plains, N. J.

Owing to the important position occupied by the Orpington in this country, they made the American farm their main farm. The bulk of the business and money is in America, so they honored America by making their American Orpington Farm the home office as it were. They have been successful in selling mated breeding pens that produce results. It follows as a matter of course, that having originated the breed and having an intimate acquaintance with every peculiarity of their breeding features, they would know to a certainty how to mate up a pen for

breeding. Many people are disgusted with the poor success that they have had with birds that were imported directly from England, while if they had purchased directly from Wm. Cook & Sons, they would have had cause for rejoicing, as the English breeders know nothing about mating to suit the requirements of our American climate. With Wm. Cook & Sons it is different, they know every in and out of the breed and when they sell you a pen to breed they can send you birds from their English farm mated with birds reared on their American farm that will suit every requirement. If you want imported birds they can also supply you with birds from their own farm in England. Some of the very best breeders have secured their foundation from Wm. Cook & Sons, and the others will have to admit that they secured their start from breeders who in the first instance secured their original Orpingtons from the originators, Wm. Cook & Sons. We will only make casual mention their show record. They claim to have won over thirteen thousand and first prizes, winning upward of one hundred firsts in six showings at Madison Square Garden. We will not attempt to describe their great farm at Scotch Plains, where from five to ten thousand Orpingtons are to be found at all times according to the season. We will leave this to the reader to learn all about in the great catalogue issued by Wm. Cook & Sons. It is richly illustrated, giving the history of all the Orpingtons. It is one of the most valuable poultry books

published—remember that it describes all the different varieties of Orpingtons, every one of which was originated by Mr. Cook, and also remember that each and every variety of the great Orpington family is bred in their purity and magnificence upon the farm of the Originator—Wm. Cook & Sons, Box W, Scotch Plains, N. J.

DEMING'S S. C. REDS

Deming's Single Comb Reds again demonstrate their superiority, besides their nice winnings at West Haven. They also won at Winsted, Conn., 1-3 cock, 1-3 hen, 1-2-3-4 cockerel, 1-3 pullet, 1-2 pen, cup for best display and other specials. At the big Waterbury, Conn., show they won 1-2-3 cock, 2-3 pullet, 3rd cockerel, first and second pen, also best display. The Waterbury show brought a very strong and big class of Single Combs. Wm. H. Card judged the Reds and he informed me that Mr. Deming showed a great string, and that it was one of the best classes of Single Combs that he has judged this season. Mr. Deming has his breeding pens mated up and he states that they are the best in the history of his farm. Send for this new illustrated catalogue, which gives the personnel of all his breeding pens. Address for catalogue and other information, H. P. Deming, Robertsville, Conn.

PATRICK CANAVAN, PHILMONT, N. Y.

Patrick Canavan of Philmont, Columbia Co., N. Y., is a breeder of exhibition Barred Plymouth Rocks that

REDS

Winners at Ashley, Cardington, Marion, Galion, Lima, Bucyrus, Delaware, Mansfield, Akron, Columbus, Janesville and Centerburg. Stock and eggs for sale from prize matings at a moderate price, we have quality, send us a trial order, circular free.

WHITE BROS.,

Box C,

SUNBURY, O.

Partridge Rocks Lyle's Erin Strain

—WIN FOR EVERYBODY—

Eggs from Chicago, Pittsburg, Cleveland and Columbus first prize winners. A few choice cockerels for sale at reasonable prices. Write for mating list to

W. O. LYLE,

GNADENHUTTEN, OHIO

ORPINGTONS

We would advise booking your orders for *eggs for hatching* early, we believe at the rate orders for *eggs* are coming to us, that April will be the record breaker of any previous year. Write us for mating list, from prize winners.

S. C. White Orpingtons

S. C. Black Orpingtons

R. C. Black Orpingtons

Columbian Orpingtons

Some of the best breeders in the country, have won their laurels from our stock. Others can go right up to the top and become leaders by introducing some of our stock. Don't wait until the season is over, arrange for what you want early.

The Cedar Crest and Crystal Spring Poultry Yards,

Mystic, Conn.

H. N. Wheeler,

Geo. M. Riggs, 25 Pearl St., Mystic, Conn.

Clark's S. C. W. Leghorns

D. W. Young's Strain At the big Ulster County Show, Dec. 12, 1911, I won 1st cock, 2nd and 4th hen, 1st, 2nd, 3rd and 4th cockerel, 1st pullet and 1st pen. At Catskill, N. Y., the following week my 1st pen created a sensation, winning in a class of 15 pens in which nearly all prominent strains competed. My winnings at the great Albany show further demonstrated that my birds have the "Blue Ribbon habit". Some grand cockerels for sale that will breed winners for you. Eggs for hatching \$1.50, \$3.00 and \$5.00.

THOS. A. CLARK,

"WOODCREST" RIFTON, N. Y.

has few if any superiors. For years he has been known to breed winners for America's leading shows—not excepting Madison Square Garden. We know this to be a fact—also that his opinion as to the merits of a particular Barred Rock is considered of value—one of the largest and most noted Barred Rock breeders told us that he considered Patrick Canavan one of the best judges of a Barred Rock in America today.

We recently paid Mr. Canavan a visit and we found that he will have several matings of exceptional quality and we feel assured that it will pay any Barred Rock breeder to purchase a setting or two of eggs from the pens that we saw. The pullets in his pullet mating pen were splendidly barred clean to the skin and it seemed to us as though every one would win a prize at any big show. One of the best cockerel breeding pens was headed by a wonderful bird. This male would have been shown at the Madison Square Garden show and no doubt would have won a prize, only he got into a scrimmage just a couple of days before the show and could not be sent. We look for wonderful cockerels from this pen, as this male has a bright, clear surface color, very narrowly barred to the skin with very strong under color.

Mr. Canavan sells eggs from these fine matings at \$5.00 per setting and we can recommend him to our readers. He recently purchased additional land and next season intends to raise about six hundred choice specimens. He has still some very choice cockerels to sell, including some splendid pullet breeders.

PHILLIP & HERMANCÉ

Phillip & Hermance, the well known S. C. Rhode Island Red breeders, have every reason to be proud of their splendid winning at the Big Palace Show. The Single Comb class was very strong, and considerable interest was shown as to the outcome of the judging, especially among several prominent breeders from New England, and there was "battle royal" for the \$50 cup offered by the Rhode Island Red Club of America for the best cock, hen, cockerel, pullet and pen. Messrs. Phillip & Hermance won this splendid trophy with miles to

spare, they also won gold special for best display. They only exhibit at the largest shows and always make a big winning. They have some very choice matings for this season and they offer a limited number of settings for sale. Address them, Phillip & Hermance, Hudson, Columbia Co., N. Y.

HARBAUGH POULTRY FARMS

The Harbaugh Poultry Farms are recognized as one of the leaders in the southern poultry fancy. Their reputation has been made by winning in the show room against the best northern and southern breeders and exhibitors. We have handled their birds in several southern shows and know that they possess quality. The good birds are not confined to any one section of the country, they are to be found in every show you visit, particularly in such southern shows as Baltimore and Hagerstown. At these shows the Harbaugh Farms have been prominent winners; at the last Baltimore show their Barred Rock pullet was the talk of the show, and the Barred Rocks were a great class; the crack southern breeders crossed swords with the best of the south. The Harbaugh Farms breed Barred, White and Buff Plym-

outh Rocks and Rose and Single Comb Rhode Island Reds, Black Langshans and Single Comb Black Minorcas. Every bird is raised on free range, and it follows that they have great utility value. Day old chicks will be sold in all their varieties, also eggs for hatching. Everything sent subject to your approval. Your money will be refunded and no questions asked if you are not pleased. They are also agents for Prairie State Incubators and supplies. Selling matured pens at low prices will be a specialty with this farm.

Address all orders to The Harbaugh Poultry Farm, Frank Harbaugh, Prop., Middleburg, Carroll Co., Md.

EDGAR BRIGGS, PLEASANT VALLEY, N. Y.

There is no more familiar name to American Poultrydom than that of Edgar Briggs, and we will venture to state that no one man has done any more for the poultry business than has Mr. Briggs. His celebrated system makes it an easy matter to supply green food for poultry in winter, and the introduction of this succulent, always obtainable green food can be attributed to no one else but to Edgar Briggs. It is true that after it was generally

REDS

At 3 shows this season, 200 R. I. Reds shown, *Our Wellington Reds*, R. and S. C., won 51 of a possible 70 prizes; 16 *Firsts*, 19 *Seconds*, 6 *Cup and Cash Specials*. *Best Display* (10) *Parti-Colored Birds*, *Best Pullet*, *American Class*, *Best Display* (10) *R. C. Reds*, *Choice Cockerels* \$3, \$5, \$10. *Eggs and Baby Chicks* from our prize winners. Send for Mating Catalogue. It tells how we give *Better Quality for Less Money*.

E. W. PHILLIPS, Box W, WELLINGTON, OHIO

BURGER'S WHITE ORPINGTONS

Won Silver Cup and Specials at the big Mansfield, Ohio, Show. Our cock, cockerel and hen were the talk of the show. Exhibition stock or breeders for the most exacting. Eggs at all seasons.

BURGER & BURGER, Box W, ORRVILLE, OHIO

Member S. C. White Orpington Club. Member A. P. A.

Bailey's Champion Single Comb Reds

won best display at West Haven and 1 hen, 1 cock, 1 pen. At the Big Palace N. Y. Show, they won 1st hen—color special, 1st cockerel, special for best cockerel in show. At Boston they won 2 cockerel, 3 hen. We produced the 2 winners of the champion challenge cup male at the Boston show, and all our winners and stock are related to these 2 great birds. Send for circular. Get the best.

A. S. BAILEY, COBALT, CONN.



"Kellerstrass" White Orpingtons

Are the Biggest Payers Because They Have Proven to be

THE BIGGEST WINTER LAYERS

Kellerstrass Strain "Crystal" White Orpingtons

Are the GRANDEST UTILITY birds on record to day, and as to their FANCY QUALITY they won first at Madison Square Garden, New York, 1905, 1906, 1907, 1908, 1909, 1910; also at Crystal Palace, London, England, and Chicago and Boston. If you need some birds to IMPROVE YOUR STOCK or for the SHOW ROOM write us. We have them, and the KIND THAT WINS, as our past record shows. STOCK for sale at all times. Remember, we are the ORIGINATORS of "CRYSTAL" White Orpingtons, and breed only the one kind. We devote our whole time to this one breed.

KELLERSTRASS FARM

ORIGINATOR OF CRYSTAL WHITE ORPINGTONS

Westport Road, 9124,

KANSAS CITY, MO.

Send for our Catalogue.

in use and every one became aware of the great benefit to be derived from feeding sprouted oats, there were people that came out and said they knew of it long before Mr. Briggs ever advertised it. If they knew it they kept it to themselves, and to Mr. Briggs should be given the credit of this great discovery. Mr. Briggs has now a splendid poultry farm on which he has 4,000 breeders, kept on his famous free range system. They are Single Comb White Leghorns of the pure D. W. Young strain, they are of exhibition quality, but in selling eggs for hatching and day old chicks from this splendid flock, he only charges utility prices. He sells eggs for hatching at \$6.00 per hundred and he can furnish them in any quantity. Day old chicks for March and April delivery are \$12 per 100—his capacity is 3,500 weekly. Mr. Briggs will be pleased to send his interesting circular free. Address Edgar Briggs, Box 31, Pleasant Valley, N. Y.

T. A. MCKITTRICK

T. A. McKittrick of Hudson, Col. Co., N. Y., in his advertising last season said, "We have won more firsts and seconds at Madison Square than any other breeder of Rose Comb Black Minorcas." Mr. McKittrick can make the same claim during the next season, as at the last Garden show he won 5th and 6th cock, 1st and 6th hen, 3rd cockerel, 3rd and 6th pullet and 1st pen. In addition to making this great record himself he has furnished winners for the leading shows, and when his birds are beaten it is often by birds of his own strain. Mr. McKittrick is a gentleman to the manor born and is one of the finest men in the business to deal with. It is a great pleasure for him to sell you eggs that will produce winners even if the winners you hatch beats Mr. McKittrick's own birds in the show room; it has happened and may happen again. Mr. McKittrick could not meet the demand for stock last season, but he will prepare for it by raising 500 or 600 birds this season. For eggs or stock address T. A. McKittrick, Hudson, Columbia Co., N. Y.

HARTER'S BUFF ROCKS

Madison Square Garden tells the story. If you are able to win a blue at this great show you are classed as one of the World's great poultry notables; the elite of chickendom are to be found each year in the various classes. The last, supposed to be the "farewell show" in the old Garden, had the best birds in the world in competition. Crystal Palace show, the leading poultry exhibition of the Old County was represented by having its first prize winners in a number of the classes and they even had to succumb to the prowess of American birds and went down to defeat, hence we will say that the champion blue ribbon winners at the last Garden show this year, more than ever, are the champions of the world, and so it was in the Buff Plymouth Rock classes. A sweeping victory this year was to be desired above all other years, in consequence of which the best Buff Rocks in the world were among the entries and S. H. Harter of Nescopeck, Pa., made a winning with his Buff Rocks that will reflect credit and glory upon himself and birds that will last during his lifetime. His winnings were 1-2-4 hen, 5 cock, 2 cockerel, 2-3 pen and

1-2-5 pullet, besides winning special for best display. Naturally one would think this was enough to mention concerning an exhibitor that could do this at Madison Square Garden, but viewing his birds at a show and telling what he wins does not tell all the tale, if this exhibitor is an advertiser and offers eggs for hatching it is necessary to know that he has something else besides the show winners to speak about, what the public most needs to know, whether or not it was probable that he bred these show winners, so in the case of Mr. Harter we take great pleasure in attesting to the high merits of his Buff Rocks, as

while on our way from the Bloomsburg, Pa., show late last year, we visited his place at Nescopeck. We found that in our estimation he was again going to be a sure winner at the Garden show with his great colored females in both hens and pullets, especially hens. In fact we considered his hens unbeatable and we handled and viewed 20 or more that were as good colored as pullets—some of them better, as they seemed to be more even, and of the pullets he had about 50, every one of which were of high exhibition quality. His male line was not strongly represented, but we handled some very superior birds, one

REDS

(ROSE COMB)

MADISON SQUARE AND NEW YORK STATE FAIR. 1st Cockerel and Shape Special, Madison Square, Dec. 1910, same bird 2nd cock Dec. 1911. Four 1sts and one 2nd, New York State Fair, Sept. 1911. 3rd cockerel, 1st shape and color pullet (17 in class) 1st pen of young, 2 cock, Albany, N. Y., Jan. 1912. (I. W. Bean Strain). Cockerels only for sale. Send for mating list.

DR. H. E. CHESEBROUGH,

GREENWICH, N. Y.

TOLMAN'S WHITE PLYMOUTH ROCKS

Baby Chicks and Eggs for Hatching

My Chicks live and give results. There are Eight years Open Front Fresh Air housing back of them. If you want the Best, order from Tolman. Send for Circular and Price List. It's Free.

JOSEPH TOLMAN,

Dept. G,

ROCKLAND, MASS.

Rockland White Rocks Bargain Sale of Males

We will close out seventy-five cockerels and fifteen cocks at \$5.00 and \$10.00 each. These are Real bargains, many of them are worth double the price asked, and your money will be returned less return charges on bird if not satisfied. Order now as we must have room. At the Great Hagerstown Show we won 2 hen, 1-2 cockerel, 3 pullet, 1 old pen, 1 young pen. No cocks shown. At Madison Square, 3-6 pullet, At Allentown, 1-2 pullet in a class of 20, also 2 pen and 4 cockerel and special for best White Rock in show. A Baltimore, 3 cock, 3 hen, 2-4-5 cockerel, 2 pullet. At Womelsdorf, cup for best White Rock in show and cup for best pullet in show. At Lititz, special for best bird in American class. Kindly write your wants.

ROCKLAND FARM,

D. LEE, Prop.,

Box 2,

BENSON, MD.

CANDEE

Heaters the Deciding Factor in Brooding.

Every Feature of the Candee Saves or Makes Money for the User. Candee Systems brood any chick capacity at one time under one roof.



Candee Double Brooder House.

Chicks easily tended from the central alley.

CANDEE INCUBATOR AND BROODER CO., Dept. 3, Dewitt, N. Y.

IN INSTALLATION

Twelve sizes of sectional hot water heaters giving exact capacity required. Grates in five sizes, each designed for the kind of hard or soft coal you use.

FUTURE ENLARGEMENT

Heater capacity increased at any time by adding a water section at a trifling cost.

ADJUSTABLE HOVERS

Give fractional degrees of temperature. Standard and adjustable hovers can be combined in one system.

CATALOGUE AND BUILDING PLANS.

They tell how to brood, to build and every detail. Write today.

BABY CHICKS AND EGGS

Catalogue Free. Only first-class trade solicited.

From Standard Bred, Heavy Laying Barred Rocks, S. C. R. I. Reds, S. C. White Leghorns, Pekin Ducks. We guarantee safe delivery of chicks and replace infertile eggs. May we hear from you?

CRYSTAL SPRING FARM, C. B. Snavelly, Mgr.,

R. R. No. 6,

LITITZ, PA.

of which was of such quality that he won 2d at the Garden, the cockerel beating him, being admittedly the best Buff Plymouth Rock cockerel ever shown at the Garden or anywhere else. Mr. Harter has all his breeding pens on his place in the village, but he raises the larger portion of his stock on free range in the suburbs. In this manner he has raised about 400 last season, but as he will have more pens mated up this year, he will have more eggs to spare for himself, so expects to raise something over 800 birds this coming season. We didn't see Mr. Harter's pens mated up with the exception of one pen of very early hatched pullets and two pens of two-year-old hens, these he had mated in order to raise a few very early hatched birds, also to fill some egg orders that he had received from the South. Mr. Harter had any number of good birds to use in his breeding pens, and as they will be mated up by a man skilled in his chosen calling, we are sure that Mr. Harter's egg purchasers will raise fine exhibition Buff Rocks, as he is the kind of a man that will sell you what he agrees to and he assures us that he will sell eggs from every pen that he has on his place. He informed us lately that he has some brothers and sisters of his Madison Square Garden winners for sale and he will sell them very reasonably, and it will be an excellent opportunity to start right if you contemplate winning another season. Try Mr. Harter's strain. He publishes a neat catalogue which he wishes to send to every reader of AMERICAN POULTRY WORLD that will send him his or her name.

A. G. DUSTON

I paid A. G. Dustin, South Farmingham, Mass., a visit at a time when his breeding pens were mated up. I noticed that some of the males had only a very few females, others had more. I asked Mr. Dustin if those were special matings or weren't the males vigorous. Now, I will tell you, Mr. Tracey, when I have males that I am going to breed from I look through my flock for the type of a female that I believe will suit him. If I find only three in my flock that answer my requirements, three is all the females that will be in the pen. Quality not quantity is what I am looking for in my matings. I do not mate my pens to sell eggs alone, they are mated to

produce, and as my egg customers get eggs from the same pens as I use myself, my discrimination in my matings is as much for their benefit as for my own and my egg customers are as just as apt to raise a Boston, Chicago or Madison Square Garden winner as I myself. In looking through his breeding pens and noting the large number of beautiful snowy white females, each a model in type, and from the looks of the superb male that headed each pen, we could not help but exclaim: Mr. Duston, there is not one of those breeding pens but what would stand a chance to win in a show however large, no matter how strong the competition would be, and we felt sure that Mr. Duston merited all the fame that has been bestowed upon him. In our conversations with Mr. Duston at the Boston show he informed us that he has even better matings this season than he had at the time that I visited him, and if that is so and we believe him, his egg customers will be in clover so to speak for next season's shows.

Many of the prominent strains of the country originated from Mr. Duston's strain. We would advise our White Wyandotte beginners to send to Mr. Dustin for his beautiful catalogue, the finest of its kind. Address him, Arthur G. Duston, So. Framingham, Mass.

THE COLEMAN CO.

The Coleman Co., Lexington, Ohio, will send a full sized box of their White Diarrhoea remedy free to readers who will mention AMERICAN POULTRY WORLD and send 5 cents in stamps to cover the cost of mailing.

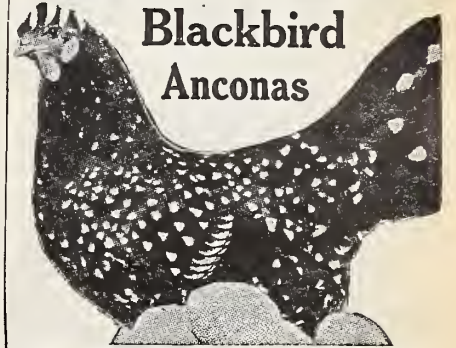
NORTHVALE WHITE ROCKS (Fisbel Strain)
Mammoth Bronze Turkeys, Toms from Prize winners for sale.

Mrs. A. G. Doren, Ogdensburg, N. Y.
R. No. 2

HOUDANS Especially large birds, bred on range; winners in biggest shows of the Mid-West; free Catalogue and Mating List, illustrated from photographs not retouched.
FRANK WICKIZER, Box C, ST. JOSEPH, MO.
Missouri State Vice-Pres. American Houdan Club

WHITE ORPINGTONS
WINNERS AND LAYERS

Prices will suit you. **WM. W. HITCHCOCK,**
35 Elizabeth St., Ossining, N. Y.



This beautiful, proud hen is a thoroughbred Registered Blackbird Ancona New Standard.
Our liberal offer starts you raising BLACKBIRD ANCONAS—250-egg strain. Baby chicks or eggs. Never set. Most profitable fowls on earth. Rose or Single Combs. Large birds, black wings, black tails, yellow legs, broad backs, \$10 clear profit per year from each Blackbird hen. Be progressive, try this wonderful money-making new breed. Sure Roup Cure and Circular Free.
Ancona Breeders' Exchange, Syracuse, N. Y.

Rose Comb Rhode Island Reds

Winners of many prizes at Scranton and Bloomsburg, Pa., Shows. **TUTTLE STRAIN.** Now booking orders for eggs. Send for free booklet. A few choice cockerels for sale.

A. B. McHenry, Box W, Stillwater, Pa.

Better place your order for Eggs from the best White Runners now

Our record at MADISON SQUARE, AUGUSTA and ATLANTA indicates the quality of our stock. It takes quality to win at these shows, where we won SIX out of a possible seven firsts, two seconds, one fourth and six specials. **MATING LIST FREE, ASK FOR IT. EGGS \$10.00 PER TWELVE.**

RENDOTTE FARM, P. O. Box 300, ATLANTA, GEORGIA

Christie's S. C. White and Brown Leghorns

Remember we are the originators of these two famous strains of Leghorns, and in the hands of our thousands of pleased customers, they have proven to be just as we have represented them for the past twelve years—the **greatest layers of large, white-shelled eggs in the world to-day.** Then why waste your valuable time and good money purchasing cheap and inferior stock, when we can furnish you with a foundation that will be without an equal? Our breeding pens this season contain six hundred of the finest Single Comb White and Brown Leghorns that we have ever owned—each and every bird a typical Leghorn, each and every bird with an egg record. Remember our guarantee is back of every sale we make, and it is backed up by years of experience. Our 24-page catalogue is at your disposal. Write for it.

S. C. White and Brown Leghorn Day-Old Chicks \$15.00 per 100

WAYNE POULTRY FARM,

F. W. Christie, Prop.,

Box 67,

STONY POINT, N. Y.

HOW MR. & MRS. PARSONS STARTED IN THE POULTRY BUSINESS

Three years ago we decided we had lived cooped up in the city of Cleveland long enough and started out to find a place in the country to live and enjoy life—and yet convenient to the city.

Mr. Parsons stipulated—"not more than one hour's ride by trolley from our Public Square and located on an electric line." Mrs. Parsons stipulated that it must be on the shore of Lake Erie. Fortunately for us the first place we looked at was the one we afterwards bought—same being an old run-down but formerly fine farm of thirty-three acres, with a fine frontage on Lake Erie. There was a fair house with good farm buildings, and the one that started all the trouble—a good poultry house.

Having used watery cold storage eggs for years, Mrs. Parsons said "me for some chickens and good eggs", and bought a dozen hens and a rooster, but being a natural lover of fine stock decided it cost no more to feed and care for the best blood lines than ordinary birds and immediately became interested in the best.

Since locating on our farm we have rebuilt the little old house of tiny rooms into a commodious and comfortable home with large airy rooms, installed our own gas and water system, built larger and better poultry houses with open front that will hold five hundred birds—have set out several hundred fruit trees. There is a grape vineyard through which the chickens are allowed free range excepting during breeding season, there are many large oak and pear trees where our young chicks are started with a combination of Philo and Parsons system. Being located on the Lake Shore Electric—one hour's ride west of Cleveland—stop 50, we are able to ship our stock or eggs on short notice to all points. We have bought the best blood lines in the country and in our yards we have sons and daughters of Madison Square, Boston, Baltimore and Cleveland, 1st prize winners, besides some of our own winners this winter at Cleveland where we won 4th on cock and 5th on hen in the hottest competition, and Cook cup for best Cook Orpington, all varieties competing.

In Rose Comb Reds we have a full brother of Madison Square, 1st and 2nd cockerel this year, a beautiful red bird and a son of the celebrated Bill Taft, Jr., and Salome, there we have direct descendants—the third generation—or grandchildren of the celebrated "Sensation", besides some fine Tuttle birds. There can't be found in any poultry yard better blood lines.

Mrs. Parsons oversees the entire plant and does much of the lighter work. The farm is located at Beach Park, Ohio, and is always open to inspection. Look up their ad in this issue and if in need of a first-class White Orpington or a R. C. Red or eggs of either variety write them.

F. N. PERKINS, FREEPORT, ILL.

One of the most interesting and handsome catalogues of the season is being mailed by F. N. Perkins, the well-known breeder of Partridge Rocks. It contains far more than the average amount of information in the way of articles on origin, breeding, mating, feeding, etc., as well as numerous illustrations of winners at leading shows, in addition to a handsome four color plate showing a pair of Partridge Rocks in natural colors, by far the most attractive illustration of this breed produced to date. An artistic embossed cover design, printed in four colors, completes the book which will be sent on receipt of 25 cents in coin or stamps to cover actual cost of printing and mailing. Mr. Perkins also has issued a twenty page mating list containing description of matings, prices and other valuable information. It will be sent to any person interested, on receipt of four cents in stamps. Both catalogues and mating lists are worth all Mr. Perkins asks for them and should be in the hands of every fancier of Partridge Rocks. Now is the time to send for copies. Address F. N. Perkins, 1022 Harlem Road, Freeport, Ill.

"FAULTLESS" HOUDANS

Eggs for sale that will put you in the winning class. Circular
F. J. REVELEY, Box 441, EAST HAVEN, CONN.

PINE ROSE POULTRY YARDS S. C. Black, Buff and White Orpingtons. Owner and Breeder of Black King, valued at \$1000.00 and Black Beauty, \$500.00.
We have won leading prizes at America's leading shows including 2nd cock at the last Madison Square Garden Show just held. Fine stock for sale. Eggs from special matings \$5.00 per setting. Satisfaction Guaranteed. Address
R. J. KINSLEY, YORK, PA.

CAUFFMAN'S REDS S. C.

Three shows this season, Mon. Co. Fair, Red Bank, Inter-State Fair, Trenton, N. J. Made a grand finish at Philadelphia on three entries, winning 2nd hen, 4th cockerel and 1st pullet, special color; at Trenton Fair, 2nd hen, 4th cockerel, 2nd pullet and 2 pen; at Red Bank, 2nd hen, 3rd cockerel, 2nd and 5th pullet, 2nd pen. Breeding pens are mated and contain these prize winners, can 'urnish you with eggs and baby chicks from five pens containing these winners.
GEORGE H. CAUFFMAN, SPRING LAKE, N. J.

MAGENTA POULTRY FARM RHODE ISLAND REDS ROSE AND SINGLE COMB

Eggs for hatching by settings or hundreds. I have no trouble in furnishing satisfactory birds for the largest poultry plants in the United States. My stock is noted for their large size, typical shape and correct color. At Holyoke, Mass., November, 1911, I won best display Single Comb Reds also best display on Rose Comb Reds. At Springfield, Mass., December, 1911, I won best display on Single Comb Reds and \$25.00 Gold Special. On Rose Comb Reds, I won best display and \$25.00 Gold Special. Send your name for my free mating circular.
F. E. WOODARD, EAST LONGMEADOW, MASS.

Vermont's Famous White Wyandottes

Have made fine winnings the past season at Troy, N. Y., Cambridge, N. Y., Vt. State Fair, Albany, N. Y., Bellows Falls, Vt., and Albans, Vt. A few more fine cockerels still for sale. Be sure and get my mating list before placing your egg or chick orders. It is Free.

George M. Beecher, Box 125, West Pawlet, Vt.

Partridge Plymouth Rocks

Considered by some THE HANDSOMEST OF ALL UTILITY BREEDS. Good breeding birds at reasonable prices. Eggs, \$3.00 per 15. FIFTEEN OTHER VARIETIES. One hundred prizes awarded my fowls at the two Rochester shows, including fifty-seven firsts. My Partridge Rocks were awarded 2nd and 5th on cocks; 1st, 2nd and 3rd on hens; 1st, 3rd and 5th on cockerels; 3rd and 4th on pullets, and 1st on pen

BAYSIDE FARM, P. O. Box 789, ROCHESTER, N. Y.

S. C. White Leghorn Baby Chicks Our Specialty

We have in our cellar one of Hall's Mammoth Incubators, egg capacity 11,400, and have on our farm about 1,700 pullets, besides our famous and well known breeders which equals any strain in the country for the producing of eggs. We are raising nothing but Single Comb White Leghorns and the Baby Chicks are our specialty. Place your order today for your baby chicks, to be shipped when you need them, in the month of April, May or June. No deposit required until 10 days before shipment, then you can make your remittance. The price is 12 cents in amounts from 25 up. Eggs for hatching at \$1.00 to \$1.50 per setting. Write today for free catalogue. Look up my standing. Refer you to R. C. Dun & Co., Bradstreets, First National Bank of Youngstown, Ohio, Citizens National Bank, New Castle, Pa., Oil City Trust Co., Oil City, Pa.

FULTON MARKET POULTRY FARM, YOUNGSTOWN, OHIO

G. L. OLES, Proprietor

G. T. SPONENBERG, Superintendent

BLACK ORPINGTONS CHAMPIONS OF AMERICA

Swept Madison Square Garden, 1911

In the greatest and strongest class of Black Orpingtons ever shown in America, at Madison Square Garden, December, 1911, I won the Association \$25.00 Gold Special for the best display of Black Orpingtons, having more than twice as many points to my credit than any of my competitors. See the Wonderful Record: 1st cock, 1st and 3rd hens, 2nd, 3rd and 6th cockerels, 1st pullet and 2nd pen. Stock related to the above winners for sale. EGGS \$10.00 PER 13. Orders should be booked at once, and will be filled in strict rotation.

Hugh A. Rose, Brakendale Farms
F. F. CONWAY, Manager,
WELLAND, ONTAIRO



FIRST PRIZE S. C. BLACK ORPINGTON HEN
MADISON SQUARE GARDEN SHOW DEC. 1910.
HUGH A. ROSE WELLAND ONT.

VISITS WITH OHIO POULTRYMEN

By Joe Coleman

(Continued from page 450)

industry in keeping with the times. Only the manager, Mr. Geo. May, was on the place at the time of our visit. Mr. and Mrs. E. S. Aldrich are now touring Africa, and the other Messrs. Aldrich were down in the city. Our short stay with Mr. May was very pleasant. We were shown orders to the amount of nearly \$1,000.00, received during the week previous to our visit February 20. Is it any wonder that cool, level headed men with business acumen are taking up the poultry business? Judging from the way the orders are coming in, there is a possibility of those who order late of being disappointed. Of course twenty pens will take care of a lot of egg business. We carefully went through their twenty pens and saw and handled their Madison Square, Chicago, Philadelphia, Baltimore and St. Louis winners. All of their winners are in these breeding yards and such an array of prize winners is seldom seen. Even their five dollar matings are headed by males representing a cost of \$100.00 to \$150.00. While the Aldrich Poultry Farm is a new comer in the White Orpington field, they surely have demonstrated what can be done within a short time. They have both a catalog and mating list printed on super calendared paper and these are sent free to interested persons by addressing the Aldrich Poultry Farm, 4070 N. High St., Columbus, Ohio. Their catalogue is a work of art, finely illustrated, and treats upon the care of incubators, mating and breeding and other useful topics. The mating list fully describes and illustrates the male birds heading the various pens.

OHIO ORPINGTON YARDS

Out from the city limits of Cleveland, a little over a mile on the Chagrin Falls electric line, lies a poultry farm better known as the Ohio Orpington Yards, of which C. F. Louis is proprietor. The superb where this farm is located is called Warrensville, and the post office bears that name. This farm consists of 26 acres and being as it is near a large metropolis and so easily accessible, it is with envy that many a poultryman would look on this plant and wish to be the owner of one its equal.

Mr. Louis decided a few years ago to devote his entire attention to White Orpingtons and adopted as his motto "Big Whites of Quality." That he has lived up to this motto, one can see for himself by visiting his yards. We handled some of Mr. Louis' cockerels that tipped the scales over the ten pound mark. Mr. Louis has done a great deal of importing and much of his foundation stock is of the W. M. Bell strain. No order is too small and none too large for Mr. Louis to handle.

The chicks are reared under the most favorable surroundings. A large cherry orchard sown to blue grass furnishes shade and range and greens. Mr. Louis is a liberal feeder and all these things go to make up the necessary requisites in growing prize winners. The main breeding house is 240 feet in length and substantially built with a capacity of 20 pens. Mr. Louis has some ideas of his own about brooding and many hens are used to hatch and brood the young. The brooder house proper is divided into

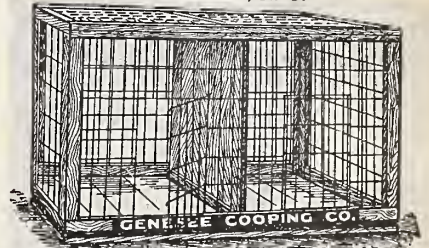
WARD'S QUALITY WHITE ROCKS

Fine breeding cockerels for sale \$5 to \$10 each. EGGS in season.

CHAS. H. WARD, R. D., BETHEL, CONN.

Dartmoor Yards "Dark Cornish"
Our International Champions won 3 firsts, best display silver cups, highest honors at the Great Baltimore Club Show, Jan. 2-6, 1912. Competing in class of 145 birds largest showing of "Dark Cornish" ever held in America. 16 exhibitors, east and west competing. Exhibition young stock, fall delivery 1912. No eggs. Address all correspondence to CHARLES S. BRENT, Prop., OCONOMOWOC, WIS.

GENESE COOPING CO., ROCHESTER, N. Y.



Manufacturers of exhibition Poultry and Pigeon Coops of every description. Shows cooped on rental a specialty. GEO. W. WEBB, Mgr., 34 Weldon Street.

WHITE WYANDOTTES EXCLUSIVELY

Win at Boston 4th cockerel, 66 in class; 2nd pen, 18 in class. At the Great West Haven Show, 1911, (Largest Show in New England outside of Boston); 1-2-3-4 cockerel, 2-3-4 pullet, 1-3 pen, 4 cock and 4 hen, 202 in class. National White Wyandotte Cup for best display. Cup for best pen. \$25 in Gold for best display. This is the third year in succession that we have won best display at this show. Stock and eggs for sale.

WILBUR & WAGENBLATT, 8 Augur St., Highwood Sta., NEW HAVEN, CONN.

SINGLE COMB WHITE LEGHORNS

A lot of cockerels that were raised on free range and are just in the right condition to head a breeding pen. Eggs in season.

C. J. BURKMAN, R. No. 2, BIRMINGHAM, MICH.

McCLAVES

White Wyandottes, B. P. Rocks, Orpingtons Leghorns, Bronze and Narragansett Turkeys, Embden, African and Chinese Geese, Muscovy

Pekin and Rouen Ducks. 600 Selected Fowls for Sale.

CHARLES McCLAVE, Box W, NEW LONDON, OHIO

THE OHIO ORPINGTON YARDS

Big Whites of Quality - - Big Whites of Quality

If you are in market for English stock, and at prices within reach of all, I can please you. I have worked for five years to get these yards stocked, buying new blood from the best yards of England, from time to time. The yards that supply all the big breeders here, year by year, I do not sell my name, or my strain, I am in the market to please the man I sell to. Write me, and I will send you names of judges, business men and breeders who stand ready to answer you, they are the men who bought of me. I have only one grade of birds, and our price on eggs, five dollars per setting. I guarantee stock raised from eggs I send out, to grade up in the fall, as good as the high priced eggs advertised. Write me. Can take care of large orders.

C. F. LOUIS, Box 18 L, WARRENSVILLE, OHIO

ANOTHER BIG VICTORY FOR

Scranton's Single Comb Rhode Island Reds

At the Great Chicago Show, December 14-19, 1911

I won 1-4-5 Cock, 1-4 Hen, 1-3 cockerel, 1-2 Pen Old, 1 Pen Young. Every special offered. Every first prize but one a record seldom approached in any show and never excelled. This with their previous records at the big Missouri State Shows at Kansas City and St. Louis, Cincinnati, Topeka, Springfield, Ill., Omaha and Indianapolis and others proves that my S. C. Rhode Island Reds are

"CHAMPIONS OF THE WEST"

Years of careful breeding and selection has enabled me to produce a strain that for type and evenness of color are unsurpassed. A strain of exhibition birds with utility qualities unimpaired. If you want to win write me.

I CAN FURNISH WINNERS

for any show in the country. Write your wants it is a pleasure to describe my stock. Egg orders booked now. List Free.



B. H. SCRANTON,

BOX P. W.,

RISEING SUN, IND.

30 pens. With the facilities for rearing and handling stock and the care Mr. Louis is giving his flock, there can hardly be a question but that the Ohio Orpington Yards, C. F. Louis, proprietor, Warrensville, Ohio, will be one of the leaders in the thoroughbred poultry industry.

ROSELAND POULTRY FARM

We have heard a lot about "Roseland," the home of Roseland S. C. Buff



S. C. White Leghorn cockerel of the Crystal White strain, a winner of second prize at Scranton, Pa., "Quality Show". Owned by B. H. Johnson, proprietor of Crystal Poultry Farm, Bloomsburg, Pa.

Orpingtons. Mr. Chas. W. Switzer is owner and manager of this farm and the post office address is South Euclid, Ohio. We have not as yet had the pleasure of making Mr. Switzer's place a visit, but have heard a great deal about the modernness of this plant from those who have seen and know. However, we have met Mr. Switzer several times in the show room and know him to be a man on the job all the time. His many years with one variety of Orpingtons has borne fruit and for type and size "Roseland" Buff Orpingtons are with the best. He exhibited at three shows this winter, Chicago, Pittsburgh and Cleveland. The competition at all of these shows was keen and Mr. Switzer's winnings were all that could be asked for. At Pittsburgh in January, won three firsts on 5 birds; silver cup for best male; special for best shaped male and six special ribbons. His Cleveland winnings were first, second and third cock, second and third hen, first, third, fourth and fifth cockerel, fourth and fifth pen and special cup and silver set for best display.

Mr. Switzer will take care of his egg trade with twenty pens of mated birds and his mating list is free to those who will mention AMERICAN POULTRY WORLD.

Jas. H. Stair Poultry Yards, Box W, Akron, Ohio, is a Black Orpington breeder of several years' standing, and has been a consistent winner in the show room producing year after year birds of excellent quality. Mr. Stair is nicely fixed to take care of his egg trade. His 1911 winnings at Cleveland were first pen, first hen, first

cockerel and second pullet on eight birds. He showed but the one pen at Cleveland, 1912, show, and this pen was really in a class by itself and would stand out prominently in the largest shows. The cock and two of the hens were simply models of the breed. From an educational standpoint for the beginner of this variety these birds were fit subjects to pattern after, massive as they were, but not too much of the Cochin type to injure their utility qualities.

EARL BROWNE

Earl Browne, also of Columbus, Ohio, is a Buff Orpington fancier, and

Healthy Day-Old Chicks

Hatched only from eggs of best yearling hens. Also eggs for hatching. Our

Single Comb White Leghorns, Barred Plymouth Rocks, White Plymouth Rocks,

are standard bred, and of best quality. No better for foundation stock. Write for terms.

**Tywacana Farm, Poultry Dept.
Box 12, Farmingdale, Long Island, N. Y.**

R. C. R. I. REDS TUTTLE STRAIN

Breeding Stock for Sale, Cocks, Cockerels Hens, Pullets. Farm Range Birds. Satisfaction Guaranteed or Money Refunded.

PHILIP TRAUTMAN,

BUCYRUS, OHIO

PRESCOTT'S ORPINGTONS

BUFF, BLACK, WHITE AND DIAMOND JUBILEE

We are prepared to furnish birds of the highest quality at reasonable prices.

Send for our mating list, showing all our yards and giving full description of our methods of selling eggs for hatching. Orders for eggs will be made up from the pens of the variety selected.

Our Prices—60 cents per egg, \$30.00 per 50, \$50.00 per 100.

H. B. PRESCOTT,

Box No. 33,

DERRY VILLAGE, N. H.

Sunnybrook Farm



One of Our Winners
GRAND CENTRAL PALACE-NEW YORK 1911
Bred and Owned by
SUNNY BROOK FARM West Orange, N. J.

West Orange, N. J., January 3, 1912

Gentlemen

In reply to your inquiry, we hasten to advise you that our WHITE WYANDOTTES have just won the STATE CUP and are now CHAMPIONS OF NEW JERSEY. You see we were not exaggerating when we told you we had winners; this BIG WIN backs up all that we said about our birds. We did this after selling the Blue Ribbon winners for four other hot shows. Our detailed winnings were: Cocks 1st, 2nd and 5th; Hens 2nd and 3rd; Cockerels 1st; Pullets 1st and 2nd; Pens 2nd and

3rd, 128 birds competing; A. P. A. Gold Medal on Cockerel: whitest bird in show, etc., etc.

If your readers are in need of reliable EGGS FOR HATCHING from these birds or from our well-known line of Columbian Wyandottes, we will be glad to mail them our free mating list. Yours very truly,

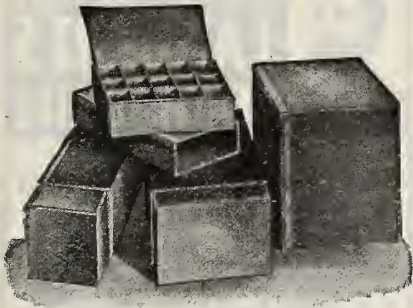
Charles D. Cleveland

we called at his home, located on the C. D. & M. Traction line. Mr. Browne was net at home, but we took the liberty of inspecting his stock. He is nicely fixed with several pens of choice birds. On the place of 25 acres is a laying house 75 feet in length and seventeen colony houses.

Mr. Browne is thoroughly reliable and any business entrusted to him will receive careful attention. His birds were among the leading winners at the recent Ohio State show. His prices are not high considering the quality of his stock. In writing him be sure and mention AMERICAN POULTRY WORLD.

UP-TO-DATE EGG AND CHICK SHIPPING BOXES

A necessity with every poultryman who expects to ship hatching eggs or day old chicks is a reliable shipping box, that is one that can be depended upon to properly protect its contents



against the extremes of heat or cold and also arrive at its destination in the best of condition. A box answering these requirements that has been on the market for several seasons and whose merits has been fully tested, is the corrugated cardboard box advertised and sold by the Rippley Hardware Mfg. Co., Grafton, Ill. These boxes bear the seal of approval of many of our largest and most successful poultrymen. We are pleased to show herewith a cut of the Rippley perfect egg shipping box, and its convenience should appeal at once to all those who are in need of a package of this kind. These boxes may be had in several sizes from fifteen eggs up, and they



come in knock-down form, thereby making the shipping cost very small. The boxes can be put together in a few seconds and in an exceptionally short time, a setting of eggs can be properly packed and the box with its contents ready for shipment. We also show herewith a cut of the day old chick shipping box. This like the egg box is constructed of corrugated cardboard, and is so arranged that proper ventilation for the chicks is easily provided for, and like the egg boxes these come in a variety of sizes ranging in capacity from twenty-five chicks up to one hundred. The twenty-five chick box contains one compartment, the fifty chick size contains two compartments and the one hundred chick size contains four compartments. Many valuable improvements have been made in the 1912 boxes, and we would advise all our

readers in need of baby chick or egg shipping boxes to ask for their 1912 circular or order direct from their advertisement that may be found on another page of this issue. The index will locate it for you.

RENDOTTE FARM, ATLANTA, GA.

White Indian Runners and White Wyandottes are the specialties of the above farm, and they have issued an attractive mating list for the season of 1912. This booklet not only describes their matings for the coming season but gives much valuable information on the care of Ducks. The questions of

Keeler's White Wyandottes

The World's Greatest Strain.

Bargains in breeding stock during the summer months. Eggs half-price. 1500 youngsters growing, ready September 15th.

CHAS. V. KEELER, Box A, WINAMAC, IND.

ORIGINATOR OF BUFF BRAHMAS

Barred Plymouth Rocks, Japanese Pekin Ducks, also White Brazilian or Moscow Ducks. Stock and Eggs.

LLOYD M. HALLENBECK, Legalized Expert Judge, GREENDALE, N. Y.

References: First National Bank of Hudson, N. Y.

Maplecroft S. C. Rhode Island Reds

Won at New York, 1911. Our Pullet "Palace Queen" won 1st and special, Grand Central Palace and two weeks later 1st and color prize at Madison Square Garden. Stock and Eggs for sale. For circular, address

MAPLECROFT FARMS, J. G. Dutcher, Prop., PAWLING, N. Y.

Cowles Cleansing Compound

Destroys all lice, mites, ticks, scab and vermin of every description. Heals the skin, cleanses the feathers of all dirt and stain. Keeps the plumage bright, light, fluffy and natural in texture, sheen and color. Removes sunburn and stain, makes white birds whiter. Imparts brilliancy to the colored varieties. Ordinary birds become show winners. Indispensable to the showman and breeder. One used always used. Guaranteed absolutely harmless.

One Full Quart sent with complete Directions on receipt of \$1.00 in Post Office or Express Money Order. Full Gallon \$3.50.

COWLES CHEMICAL CO., 228 West 104 Street, NEW YORK CITY, N. Y.

CHAS. F. HOMPSON & Co.
BOX 8 LYNNFIELD CENTER, MASS.

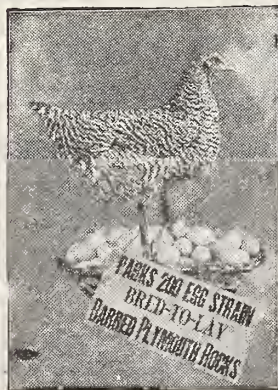
R.I. Reds, Barred Rocks, White Wyandottes

We can send you birds fit to win at the best shows. Guaranteed satisfaction or no sale. Utility birds at reasonable prices.

Utility Eggs, \$3.00 per 50; \$6.00 per 100. Day Old Chicks 20 cents each. Exhibition Strain \$2.00 per setting; \$10.00 per 100; Day-old Chicks 25 cents each. Special Matings, \$10.00 per setting; \$40.00 per 100; Chicks 75 cents each.

Fertility guaranteed. Something new to offer those breeding Exhibition Reds. Catalogue Free. Send Stamp for Red Standard.

PARKS' BRED-TO-LAY Barred Plymouth Rocks



Are the only strain of Rocks, to-day, that have won their way into universal popularity by their phenomenal laying, and are recognized as the Standard when it comes to eggs. They have not attained this position by a few years work, but by persistent breeding, selecting and trap-nesting since 1889, from a beginning of a flock of 16 that only averaged 96 eggs a piece. While eggs have been our goal, we have not kept as close to the standard as practical, and my winnings at Altoona, State College, and Carlisle, as well as the winnings of customers found in literature go to show what years of careful breeding will do.

No more stock until after May 15th, then choice breeders at one-half price. ORDERS BOOKED NOW.

EGGS Selected—\$5-15; \$8-30; \$11-50; \$20-100
Incubator—\$2-15; \$6-50; \$10-100;

Free chick circular gives prices on chick and feeding. Large 36-page catalog Free.

J. W. PARKS,

Box W, ALTOONA, PA.

feeding, housing and the care of the ducklings is very thoroughly covered. Readers should send for a copy and learn more of these prolific layers that are making a bid for popularity.

SEAMAN FARM'S

BUFF ORPINGTONS

winners of many silver cups, display special and regular prizes in the leading shows of America. A limited number of birds for sale. We have the quality and our prices are right.

SEAMAN FARMS, Box 71, UNITY, PA.
J. S. Seaman, Jr., Prop. Samuel H. Jefferies, Mgr.

Rhode Island Reds ROSE SINGLE

ESTABLISHED 1885

Harris' record-laying and prize-winning strain, have won at New York State shows, Chicago, Boston and Providence. Breeding and show room stock at reasonable prices. Eggs for hatching year around.

ELM POULTRY FARM,
W. S. HARRIS, Telephone 98-2, MANSFIELD, MASS.

WINNIPEG POULTRY SHOW

GREAT GAINS MADE OVER PREVIOUS SEASONS. ROCKS, LEHORNS, ORPINGTONS AND WYANDOTTES THE MOST POPULAR VARIETIES. CROWING COMPETITION WAS AN INTERESTING FEATURE

BY J. M. MONCRIEFF

The Winnipeg poultry show was indeed the greatest show held in Western Canada. That poultry is making great progress in this country is certain. Nearly two thousand birds were entered in this year's show, all of splendid quality. From all appearances a great many large poultry farms will be erected in this vicinity during the next few years. The people are getting wise to the fact that poultry keeping is a money making business in this country. Large amounts of poultry and eggs have to be shipped to Manitoba and the Northwest every year from the United States and Ontario, at a very high figure. Beyond doubt there lies a great field for this line of work.

SHOW IN GENERAL

The birds are of the best to be found. Many are from New York, having been shown in the Madison Square shows. The Barred Rocks are the strongest in number, about two hundred entries being made. The Buff Orpingtons are making a name for themselves in this northern country, having more than doubled their entry over that of last year's, and they appear to be well adapted to this climate. The Leghorns were strong in number and took first prize in the egg competition. Wyandottes are also among the top liners in Manitoba. The Bantams are strong in number and of very good strain, having been imported from winners to the south and east. The fancy classes are not so numerous in Manitoba or the west, probably on account of the cold weather, but the showing was very good.

Ducks and Geese are also a little behind that of last year's exhibits, but those on exhibition are of splendid quality.

CROWING COMPETITION

One of the most interesting features of the show was the crowing competition won by a Game Bantam, having made a record of thirty-six crows in fifteen minutes. This feature created much interest to those not altogether interested in the poultry work.

LECTURES

A pleasing part of the week's programme is that of the many fine lectures given by our well-known provincial lecturer, Mrs. Cooper of Treesbank, Manitoba. Prof. Herner of the Agricultural College of this province, lectured along the lines of building up a laying strain and also the need of good houses. Mr. Chambers of Winnipeg, also lectured and gave many demonstrations of how to kill fowls in the proper way. He killed, plucked and dressed the fowl in the space of ninety seconds. The agricultural college has taken a

deep interest in poultry work in this province and will probably turn out many students who will do good work in this line.

POULTRY PAPER NEEDED

Many enquiries have been made concerning the need of a good poultry paper in this province. Although many of the great poultry papers of the United States are read here, the people will not remain satisfied until they have the opportunity of advertising their stock and having a few columns telling the poultry news in the western provinces.

There is no doubt that a paper would make a success here, or if this part of the country was represented in a good reliable paper it would indeed mean a big increase in the circulation.

This is beyond doubt the most successful year the poultrymen have had in the history of the show, and it is hoped that each year will prove a steady increase in exhibits, until we have shows equal to that of the south and east of us.

NATURAL HEN INCUBATOR

The Natural Hen Incubator Co., 1349 Constance St., Department 13, Los Angeles, Calif., states that they are

ORPINGTONS

Black, Buff, White

1911 WINNINGS—Brockton, Mass., Hartford, Conn., So. New England, New London, Conn. I won 35 Ribbons, 20 Firsts, 10 Seconds and 5 Thirds, Three Silver Cups, Many Specials. Send for mating list. Stock for sale—Hens, Pullets and Cockerels. J. J. Crnttenden, Elmgate, Waterford, Conn

Montgomery's S. C. White Leghorns Excel as egg producers, are unequalled in shape and color, and have been winning in competition with the best at the Great Brockton Fair, Brockton, Mass., Vermont State Fair, Troy, Cambridge, Cbatbam, Utica, St. Albans, Montpelier and many other shows, and are still at it. "Six grand exhibition pens mated for 1912". Headed by blue ribbon males and contain all our winning females. Can furnish a limited number of eggs from these pens at \$2 per setting, \$10 per hundred. These pens produce our winners. Why not yours? WRITE US for 1912 mating list JUST OUT, before placing your order. We replace all infertile eggs, FREE. A few more choice cockerels at \$3, \$5 and \$10 each. (Note) see what one of the leading judges says of our birds and our method of doing business on Page 230 January number.

PINE FRONT POULTRY FARM, Geo. A. Montgomery CAMBRIDGE, N. Y.

Lisk's White Wyandottes

Again win out at Rochester, 1912, in one of the best classes ever shown. 9 more than at the last Madison Square Garden Show and the judges said they were better quality. My 1st pullet in a class of 40, and winner of a silver cup for the best pullet in the American class was easily the star of the entire show. I breed every bird I show and every season sell winners for the best shows in America. Buy eggs of LISK and raise the kind that win as well as lay. Eggs \$5.00 per 15, \$12.00 per 45.

FRED C. LISK, Box L, ROMULUS, N. Y.

Single Comb White Leghorns

DAY OLD CHICKS AND EGGS THAT WILL HATCH CHICKS

We have four thousand Standard Bred, Range Grown, Heavy Laying Breeders mated for our chick and egg trade. Every bird in these matings is carefully selected for style, color and laying qualities. Our Hall Mammoth is at your service. No order too large for our capacity and none too small for our prompt careful attention. Fine stock for sale at all times. Satisfaction Guaranteed. Send for Catalogue.

New York and New Jersey Poultry Farms, Inc.,
Marcus Allen Northup, Mgr., R. F. D. No. 1, Orangeburg, N. Y.

having excellent business and that their customers are reporting excellent hatches and are well pleased. Readers should send for their free catalogue. Please mention AMERICAN POULTRY WORLD when writing.

CANADA'S BEST LIGHT BRAHMAS

Champions of the Show Room

Choice stock for sale. Eggs, \$5.00 per 15.
H. W. Partlo, Ingersoll, Ontario, Canada

Champions That Have Proven Themselves Champions
Hilldorfer's Champion Jumbo Black Minorcas
THE HILLDORFER BLACK MINORCA FARM,
H. G. Guckert, Mgr., SAXONBURG, Butler Co., PA.
Complete Catalogue on request. Please mention this Journal.

Dr. Sudler's Single Comb Reds

We won first hen at the last Big Philadelphia Show and she was Red. If you wish to raise the same kind, order eggs from us. A few choice birds for sale.

Address
DR. FOSTER SUDLER, SUDLERSVILLE, MARYLAND



THE OLD RELIABLE
LAMBERT'S
DEATH TO LICE

has been used over 25 years by
Successful Poultrymen
Because it insures Clean Fowls

Is just the thing for sitters, as it does not harm eggs or chicks. Keep your hens free from lice and they will thrive and be profitable. Large sample of Powder or Ointment, 10 cents each. "A Sensible System of Poultry Keeping" by D. J. Lambert, mailed on request.
O. K. Stock Food Co., 417 Traders Bldg., CHICAGO

THE AJAX IMPROVED OXYGEN VITALIZER

The Reliable Poultry Specialty Company of Alexander, N. Y., is presenting on page 17 of this issue a special offer on their Ajax Improved Oxygen Vitalizer. This is a device for supplying oxygen to little chicks during the last three days of incubation. It is claimed by the manufacturers of the Oxygen Vitalizer that during the last few days of incubation the little chicks throw off large quantities of carbon dioxide gas and that by inhaling it over and over many times they become poisoned and their systems weakened to such an extent that they are unable to expel themselves from the shell. In other words, it is the claim of the manufacturers that it is this poisoning by carbon dioxide gas that is the positive and direct cause of chicks dying in the shell and the predisposing cause of White Diarrhoea. That by the use of the Vitalizer, oxygen is supplied in such quantities as to thoroughly oxygenate the blood of the chicks, making them strong and vigorous. It is well known that oxygen is the life-giving principle of the air we breathe; that when the oxygen content of the air gets below 21 per cent, animal life suffers. It is claimed that when the Oxygen Vitalizer is used on an incubator it prevents the little chicks dying in the shell and makes them immune from White Diarrhoea.

Oxygen is well known in the medical world as a germ destroyer of great power and is much used by physicians in pneumonia and other diseases. The Reliable Poultry Specialty Company is offering their Ajax Improved Oxygen Vitalizer to the public upon a basis which speaks very highly for their confidence in their machine, and their proposition is very commendable in this regard, because the purchaser takes no chances. The Company unhesitatingly sells its Vitalizer on a positive guarantee to give satisfaction or the purchase price will be cheerfully refunded. For the purpose of placing a thousand of them with the readers of the AMERICAN POULTRY WORLD, they are making a special price of \$3.00, good only to April 1st. For their responsibility they refer our readers to the Bank of Batavia, N. Y. Where a responsible company offers its products to the public on the basis of entire satisfaction or money refunded, it is a pleasure for us to call our readers' attention particularly to their advertisement.

OWEN FARMS, VINEYARD HAVEN, MASS.

Owen Farms, Vineyard Haven, Mass., offer eggs for hatching from Buff, Black and White Orpingtons, Banded and White Rocks, White Wyandottes and Single and Rose Comb Rhode Island Reds. Their attractive mating list for 1912 is ready for mailing and will be sent free on request to any of our readers. They pay express charges on all original orders for eggs at full price and guarantee a satisfactory hatch. Eggs are sold from every pen that they mate so that purchasers of eggs buy a chance to produce as good birds as Owen Farms themselves produce. Wm. Barry Owen, proprietor of Owen Farms, is making a business of the production of Standard-bred poultry. He has engaged well known successful poultrymen to take charge of the different birds and varieties that are produced on Owen Farms. Maurice F. Delano is manager and looks after the Plymouth Rocks and Rhode Island Reds. Frank H. Davey looks for White Plymouth Rocks, and White Wyandottes and Orpingtons are under the care of Cliff Nickerson. At the recent New York show on the eight varieties that they advertise, Owen Farms won a total of twenty-two firsts, which is four more firsts than all other competitors won in the eight varieties that they are advertising. This great record in the strongest competition in these popular varieties that has ever been brought together is ample evidence of the high quality of stock to be found at Owen Farms. Practically all of these winners

have been retained and will be in this season's breeding pens. In the February issue of AMERICAN POULTRY WORLD was related how Mr. Owen refused an offer of \$1,000.00 for the first prize White Orpington cockerel at the Madison Square Garden show. Mr. Owen stated that the bird having been listed in their mating list he did not feel that he could not sell him and at the same time keep faith with the customers. Those who are mating up their breeding pens and who would like to introduce new blood in the way of males or females, should write to Owen Farms and secure the pick of a number of choice birds that they have to spare, also send for a copy of their mating list in which will be found much of interest to those intending to buy stock or eggs. A postal card will bring this mating list by return mail, if you will mention A. P. W.

MIDLOTHIAN WHITE ORPINGTONS

In the west Midlothian Farms are making an enviable reputation as producers of White Orpingtons that not only show superior excellence as exhibition specimens but also lay eggs and plenty of them. Their exhibition line is descended from the first prize pen at Chicago, 1910, the birds in the latter being imported from a prominent breeder in England. They proved grand breeders. Their utility flocks, eighteen in number, are money-makers, 73 pullets averaging 52 eggs a day for the

month of January, 1911. The new catalogue issued by Midlothian Farm is handsomely gotten up and filled with sound reading and beautiful illustrations of the fowls and buildings, also giving the plans and specifications of the latter. Address Midlothian Farms, Tinley Park, Ill., for a copy.

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White and Cornish Indians. White, Silver Laced, Silver Penciled, Golden Laced, Partridge, Buff and Columbian Wyandottes...

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Winners of the State Cup, Rochester 1912.

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Win 1st, 2nd and 4th hen, 5th cock, 2nd cockerel, 1st, 2nd and 5th pullet, 2nd and 3rd pens, and best display at the Farewell show held in Madison Square Garden. We have brothers and sisters to these winners for sale, and we furnish eggs to hatch from our best pens. Send for Catalogue of America's Best. Address

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of the Great Palace New York Show Just Held

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We are now booking orders for the Profit Paying kind of Baby Chicks and Eggs for Hatching. Satisfaction guaranteed. Send for catalogue.

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QUESTIONS AND ANSWERS

EDITORIAL NOTE—This department will be devoted to answers to questions of general interest on practical poultry topics asked by subscribers and addressed to Editorial Department, AMERICAN POULTRY PUBLISHING COMPANY, Stafford Bldg., Buffalo, N. Y. Answers in this department are free of charge and will be made by Professor Stoneburn or Professor Atwood, depending upon the nature of the question. Where two or more persons ask substantially the same questions, only one answer will be given. In asking questions try to send full information. The subscriber's name and address must be given [not for publication]. If a reply by mail is desired, be sure to enclose stamped addressed envelope.

BREEDING PROBLEMS

Q. What will likely be the result in breeding male of light under color to females that are dark? Or male with dark under color and females with light surface color?

A. It is likely to improve the surface color of the females where a male with light undercolor is used on females that are dark in surface color, but where a male with dark under color is used with females that are light in surface color, the progeny, the cockerels from such matings may prove of great exhibition quality, but the females will run too dark. But why use dark under colored males in a breed that demands silvery whiteness in surface color of the neck, back and wing bow of the cockerels, and a very light grey in ground color of the pullets?

Q. Is brown on females a defect, and if so, can it be bred out and how?

A. It certainly is and can be bred out by proper selection of females to breed from. Pullets that show plenty of white at throat on breast, will usually molt into finely penciled and bright steel colored hens, but most breeders look upon such pullets as culls and sell them. Newton Adams bred his finest Dark Brahma females from birds of this kind. They must be mated to a cock of the same blood, however, one that shows plenty of white in breast and thighs.

Q. Does brown always appear on females after passing through their molt from pullets to hens?

A. No, but the exceptions are rare, except in strains bred as suggested above.

Q. Is brown on wing bows of the males transmitted more readily and is it a more serious defect than on female?

A. It is a very serious defect, and we should not care to breed from a male having brown or red in the wingbows unless compelled by necessity.

Q. Is shafting a more serious defect than brown tinge on surface color of females?

A. No, by careful weeding out each year this defect can be overcome.

Q. What kind of a mating in Silver Penciled Rocks will most likely produce shafting?

A. Breed from females that show

the least shafting and mate with them a male that has solid black centers and quills in hackle and saddle-feathers.

Q. Is mealiness and the want of distinct penciling caused by mating females and males with light under color? Or surface color in females?

BITTENBENDER'S WHITE PLYMOUTH ROCKS OWEN FARM STRAIN. They win the prizes and lay the eggs. We won 3 blues, best display and gold special at the last big Bloomsburg show. A few choice birds yet for sale. Prices low. Eggs for hatching from best pens. Satisfaction guaranteed or money refunded. Address **ED. BITTENBENDER, White Rock Specialist, NESCOPECK, PA.**

ARMER'S BUFF ROCKS My Buff Rocks won New York State Cup at Rochester, N. Y., in December, 1911, also four of the Firsts and three Second prizes at Albany, N. Y., January, 1912. Eggs for setting, also a few choice birds. Write for mating list. **Fred Armer, Ballston Spa, N. Y.**

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Also winners best display at recent Albany show, four firsts at Schenectady, unexcelled layers. Some choice stock for sale, also eggs from champion matings \$3 and \$5 per setting. Utility eggs \$6 per hundred. Write your wants.

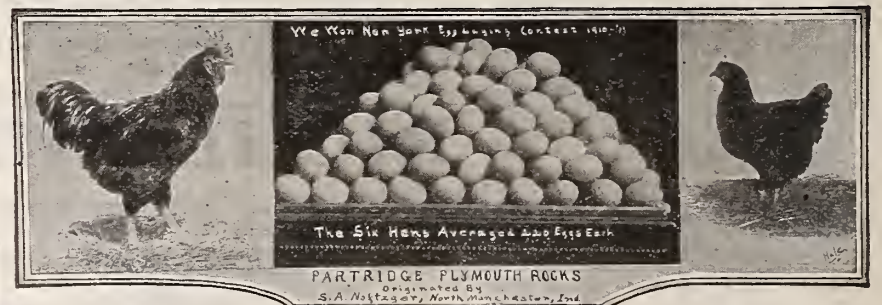
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R. C. Black Minorcas Exclusively
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Stouffer Poultry Farm, HARRISBURG, PA.

A. No, it is the result of mating females that are not clearly and sharply penciled to males of the same blood.

Q. Is there a breeders' guide published in this variety and how can it be purchased?

A. The new book, "The Plymouth Rocks", will give you the desired information regarding the breeding of Silver Penciled Plymouth Rocks. The price is one dollar.

OBJECTIONABLE HABITS

Q. Why do my fowls eat paper when they can get it, and what makes them pull feathers and eat them? They are kept in a yard and not allowed out. R. Van D., New Jersey.

A. It is not uncommon for fowls in confinement to acquire many objectionable habits, the more common of these being that of feather pulling. Habits such as the subscriber mentions usually come from idleness. Where fowls are confined it is necessary that some steps be taken to keep them busy at all times. This is easily accomplished by keeping a good, deep litter on the floor of the houses and feeding all grain ration in this litter, making the fowls work for what they get. The habit of feather pulling often comes from lack of animal food in the ration, and in order to satisfy their desires in this direction the birds resort to eating feathers. At first the small feathers are picked from the floors and litter of the houses, and from the taste acquired in this manner the birds soon develop the habit of plucking them from their pen mates.

EGG BOUND

Q. We have a Rhode Island Red pullet just starting to lay and noticed that she was acting dumpish and refused to eat. She waddles around like a duck with her posterior very low. Her comb is dark colored. House is dry and clean, dropping boards 30 inches from floor. What would you suggest as the trouble? C. F. S., Connecticut.

A. The bird in question is probably suffering from an egg-bound condition that is often noticeable in pullets when about to begin or just after starting to lay their first eggs. I would advise that the subscriber treat this bird as follows: Provide a pail of water as hot as can be borne by the hands and then, holding the bird vent downward, plunge the posterior portions into the water and hold there for a few seconds. This should be repeated at frequent intervals, and if this does not give speedy relief would inject about a tablespoonful of sweet oil in the rectum. Would also advise that the bird be given a light dose of castor oil, say from one to two teaspoonsful.

The bird should be kept on a light diet of soft food until the symptoms have disappeared.

OFF COLORED EGGS

Q. I have several S. C. White Leghorn hens that I supposed were



DOLLY MADISON

First prize hen, Madison Square Garden, New York, 1910-11. One of the best Columbian Rock hens shown to date; fine in surface color with exceptionally strong hackle and well-laced tail coverts. Owned and bred by S. C. Allen, Orchard Park, N. Y.

Standard-bred, that lay large eggs, but the shells show a pinkish tint instead of white. Is that a defect and would it be a mistake to use these eggs for hatching? K., Nebraska.

A. One of the chief characteristics of the Leghorn is the chalk white color of the shells of the eggs laid by them, and it is generally understood to be a

defect and a sign of impurity where eggs of any other color are produced by a Leghorn. I do not think it would be advisable to breed from birds that lay eggs with tinted shells. This would evidently indicate that the birds were not thoroughbred Leghorns, but that they contained an infusion of blood from some variety that lay tinted eggs.

VERTIGO

Q. I have a Light Brahma hen that holds her head sideways at times, otherwise she is all right. When she has these spells she is unable to get along and when I attempt to aid her she rolls over and over. Can you advise what is the matter and a cure, and is the complaint contagious? H. G. S., Kansas.

A. From the description I would conclude that this Light Brahma hen was suffering from an attack of vertigo. This usually affects old and over fat specimens and it is seldom that any satisfactory results are to be had from treating such cases. I would advise the correspondent to end this bird's suffering by an application of the axe.

WHAT VARIETY

Q. I expect to go into the poultry business soon and am undecided as to what variety to take up. I had thought of the White Leghorns for laying and some larger breed for the market. Kindly advise. E. A. T., Washington.

WOODCREST PARTRIDGE WYANDOTTES ANOTHER CHAMPIONSHIP

The prize winners of Boston, Providence and Worcester, bred true. At Providence again, my birds win three out of four "Blues." Both Shape and Color Specials, \$50.00 Champion Challenge Cup and Silver Medal representing the Championship for the year. Careful breeding brings these results. Hundreds of young birds from prize stock, healthy, beautiful, useful. I can sell you what you need to make you a winner.

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A. In going into the poultry business one should select the variety that most closely suits their fancy, as a greater degree of success will come to those who have an affinity for the variety they keep than to those who take up a breed just for the sake of keeping chickens. In this case if White Leghorns appeal to the subscriber and he desires to enter the market industry and produce high class table eggs, I would advise him to choose the White Leghorns and breed them exclusively, but if he desires a general purpose fowl, one that will do fairly well as an egg producer and also dress well for market, it would be well to select one of the heavier varieties, such as the Rocks, Wyandottes, Reds or Orpingtons. I would select one breed and stick to it, and do my best to get the most out of it. I think there is more satisfaction to be had in giving your best efforts to one breed than in dividing it between two or more breeds.

GREEN FOOD—BEEF SCRAPS

Q. I have plenty of short hay and sweepings from the hay loft which is used for my chickens, they eat large quantities of this. Will it do as a substitute for alfalfa?

A. This makes an excellent food for hens and one that is greatly relished. As to its answering as a substitute for alfalfa, this would depend upon the nature of the sweepings, that is if they contain a large percentage of clover, if not, I would add a little steamed alfalfa to the ration occasionally.

Q. How would you feed raw beef and do you think a good practice to feed it to chickens? Wm. E. C., Maryland.

A. In feeding raw beef to fowls, it is always advisable to mix the same with a portion of dry mash. This precludes the possibility of some of the stronger and greedily inclined birds to gorge themselves at the expense of their weaker pen mates. Personally I do not like the practice of feeding raw meat to poultry, for I have found by experience that unless the utmost care is used the fowls develop many objectionable habits.

PEANUTS FOR POULTRY

Q. In this locality we can procure cheaply a grade of peanuts which consist of very small nuts and the heart or sprout of the broken nuts. This feed is about the size of wheat and is eaten heartily by the chickens. Would like your opinion as to the merits as a poultry food. F. C. T., Virginia.

A. Perhaps some of our readers can enlighten the correspondent in regard to the above question. Personally I have never had any experience in feeding this form of food to poultry, but were we where it could be procured I would not hesitate to try the experiment, as from the highly nutritive qualities of the peanut I should consider it a very valuable addition to the grain ration, especially during the fall and winter, and as the correspondent suggests I think it would be an excellent food during the moulting season.

LUMP IN THROAT OF HEN

Q. I have a White Rock hen that has a lump about the size of a walnut in her throat between the mouth and crop. It can be moved upon light pressure and seems to affect her breathing, also appears to hurt her when she eats. What is the trouble and what can I do for her? W. H. M., New York.

A. The lump described by the correspondent as affecting one of his hens is probably a tumorous growth of some description, and without a personal examination it would be almost impossible to give a reliable method of treatment. Unless the bird has been an exceedingly good breeder it hardly ever pays to spend a great deal of time in attempting cures. It is usually the better way in cases of this kind to kill the affected bird and destroy the carcass. If the correspondent wishes to experiment, I would advise that with a sharp knife an incision be made in this swelling and if the same contains

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BRACE'S SINGLE COMB BROWN LEGHORNS
Are in a class by themselves, having won more prizes than any other strain. Thirty years breeding. 8 pens mated, including both cockerel and pullet matings. Write your wants.
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Are bred to lay, and win the Blue Ribbons. Our birds have shown their high quality by winning highest honors at such shows as Buffalo, the late New York State Fair, Rochester, and Williamsport, Pa., etc. We have a choice lot of exhibition and utility cockerels and pullets that will make fine breeders at reasonable prices. Eggs for hatching. Send for mating list.

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Possess such superiority of type and color that they are pronounced by well-known judges as one of the leading exhibition strains of this variety.

Pens are mated with winners from New York State Fair, Columbia County Fair, Rensselaer County Fair, Great Barrington, Mass., Fair, Dalton, Mass., North Adams, Mass., Boston, Mass. and Albany, N. Y. EGGS \$3.00 per setting, both matings. Send for Mating List.

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White Orpingtons

Special prices now on Eggs and Baby Chicks from prize matings. Orders booked for 8-weeks-old pullets. Breeding stock for sale, trios and pens, mature with males not related. Pullets hatched in August will lay in January. Circulars free.

Dr. M. S. Gooding, Box B, Brockport, N. Y.

pus or cheesy matter it should be carefully removed. After this is done thoroughly cleanse with dioxygen, after which it should be annointed with a preparation made by mixing one part of iodoform with twenty parts vaseline.

VARIOUS QUESTIONS

Q. Can Toulouse Geese be used for breeders when one year old?

A. One seldom, if ever, meets with success in attempting to breed from a pair of young geese of the above variety. I would advise that you use an old gander with a young goose or vice versa. The young birds will mate all right but it is seldom if ever the eggs are fertile.

Q. Is it necessary that they have water for swimming?

A. It is not necessary that geese have water in which to swim. They may be successfully raised if fairly well supplied with drinking water, which should be placed in a recepticle of such depth that it will allow them to thoroughly cleanse their nostrils.

Q. How high a fence is needed to confine them?

A. They may be confined by a fence two feet or thirty inches high, made from ordinary poultry netting.

Q. Can they be profitably kept in large flocks?

A. Yes.

Q. Can goose eggs be successfully hatched with an incubator? N. A., Ohio.

A. Goose eggs can be successfully hatched in an incubator, but with the ordinary kind it is advisable to lower the egg tray until the top of the geese egg would occupy the same relative position that the top of the hen's egg would before the tray was changed. Otherwise the goose egg, being so much larger, the temperature at the upper side of the egg would probably be from a degree to a degree and a half to high.

CONJUNCTIVITIS

Q. Will you kindly advise me what to do for chickens that have a swelling around the eye and after a few days the eye becomes watery and the lower lid droops down (baggy). They eat well and are in good condition otherwise, the combs are red and they are quite active, no discharge from nostrils. Please advise me. W. E. S., Ohio.

A. This looks very much like a case of conjunctivitis, a mildly contagious and infectious disease, affecting the membranes around the eye. It usually makes its appearance during damp, changeable weather, and in places where the sanitary conditions are not what they should be, it may be found at all seasons. Sometimes by a light pressure just below and in front of the eye a small cheesy substance may be excluded from the eye, after which it should be thoroughly cleansed with a solution of dioxygen and then an ointment made by mixing a few drops of zenoleum with a small quantity of vaseline, should be applied.

CEDAR CREST POULTRY YARDS

We desire to call the readers' attention to the Cedar Crest Poultry Yards, H. M. Wheeler, proprietor, Mystic, Conn. This poultry plant is best known from the excellent strain of S. C. White Orpingtons they have been producing. When the S. C. White Orpingtons first began to show signs of popularity, Mr. Wheeler secured some of the best specimens that money could buy and by careful selection and good rearing he has succeeded in establishing a strain that lays and wins, as Mr. Wheeler has always been a prominent winner in the White Orpington classes whenever he has made a showing. He has been working to perfect an Orpington of the markings of the Light Brahma. In the January issue of the AMERICAN POULTRY WORLD, there was an illustration of "Harriet", the first prize pullet of this new variety of the Orpingtons. She was a beautiful bird and many favorable comments were made upon the handsome appearance that she made. She was five months old, weighed seven pounds and laid her first egg at the show. Mr. Wheeler sells eggs from his own pens at 3 and 5 dollars per setting, incubator eggs at \$8.00 per hundred. We heartily recommend Mr. Wheeler to the readers of AMERICAN POULTRY WORLD who desire to secure eggs from prize stock at reasonable prices.

APPLE CROFT POULTRY YARDS

Roland O. Davis, proprietor of Apple Croft Poultry Yards, New Baltimore, N. Y., has just issued a neat little book in which he describes his stock and matings of White and Buff Orpingtons. Mr. Davis has been a breeder of these two varieties for the past six years and has succeeded in bringing his "Quality Kind Strain" up to a high standard. He mates up but few small pens, as he believes in breeding only from the best. This booklet is free to all who apply for it.

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From Standard bred winners at New York, Chicago, Boston, St. Louis and Cleveland. Egg Record 280. Every chick guaranteed. Barred, White and Buff Rocks, Brown, White and Buff Leghorns, Black, White and Buff Orpingtons, White Wyandottes, R. I. Reds, Black Minorcas, Anconas, Baby I. R. Ducks. Safe arrival guaranteed. Price 8 cents up.

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Wellington Reds have found their way into every state in the Union and some into foreign countries, and have given universal satisfaction everywhere.

The farm is just outside of the village of Wellington on the electric car line. The young stock has free range over the fields and through a large orchard where plentiful shade is provided. There is a modern equipment for the hatching and shipping of baby chicks as well as for rearing the hundreds of youngsters every year.

There are many birds in the breeding pens that have won the ribbons at Cleveland, Lorain, Elyria, Medina, Wellington and elsewhere. The matings for 1912 are better than ever before and yet Mr. Phillips has decided to make the prices of eggs and baby chicks very reasonable. He ships all birds subject to approval, which is the best possible guarantee of a square deal. He will be glad to send you his new Mating Catalogue for 1912. Address E. W. Phillips, Wellington, Ohio, and mention A. P. W.

KERLIN'S BUFF ROCKS

Kerlin Farms, Pottstown, Pa., send out a businesslike mating list for 1912, in which they describe the birds in the specially mated pens for this season. As they have bred the Evergold Strain of Buff Plymouth Rocks for the past 19 years, purchasers of eggs can rely on getting hatches that will produce chickens of high quality. Their winnings at Allentown, Pittsburgh and shows last season show the high quality of their Buff Rocks. The mating list will be sent free to all who apply for it.

The New Giant Poultry Beet (Remolachas Forrajasas.)

Cuts your feed bill in half. A ton of the best Green Feed for Poultry for TWENTY-FIVE CENTS. A small patch in your garden will raise a wagon load. Weigh from 10 to 30 pounds each. How to grow, keep and feed poultry beets free. Your hens will show wonderful increase in laying eggs next winter. Sow early to insure large size beets. A 25c package will raise a ton. Sent post paid.

Poultry Feed Seed Co., Box W, Attica, Ohio

Plant the quality grape CATAWBA-CONCORD

The grape for everybody everywhere. A cross between the Catawba and the Concord—so scientifically made that it unites all their merits with none of their defects. Equal in quality to the finest hot-house grapes and as easily grown as the Concord. For ten years it has proved its superiority. Has received awards wherever shown. Write at once for large descriptive catalog of Raspberries, Blackberries, Grapes, Strawberries, Currants, Gooseberries, Garden Roots, Hardy Perennial Plants, Shrubs, Vines, Roses, etc. It tells how to plant and grow them—free to everybody.

J. T. LOVETT, Box 182, LITTLE SILVER, N. J.

Strawberry Bargain

You know that Strawberries must be renewed every two or three years or you get no fruit. When plants have borne two crops they deteriorate and are not profitable. We grow young plants, plants of both staminate (male) and pistillate (female) flowers to get the largest possible crop of fruit. In order to help you have a successful home strawberry bed we have prepared a special collection of varieties and offer you 100 plants for 97c, consisting of 25 Bederwood, 25 Bubach, 25 Senator Dunlap and 25 Warfield. All proven sorts of hardiness, vigor, quality and cropping excellence suitable to grow together and just enough for a bed. Complete seed catalog FREE. IOWA SEED CO., Dept. 1, DES MOINES, IA.

E. E. WELLS

E. E. Wells of Elm Farm, Cohoes, N. Y., is sending out mating list describing their Single and Rose Comb Rhode Island Reds, Single Comb White Leghorns and White Rocks. Mr. Wells believes that health, vitality and laying qualities are quite necessary for success in breeding of Standard-bred poultry, and Elm Farm birds are noted for these qualities. In speaking of a White Leghorn cock bird eight years old, Mr. Wells writes, "I bred him for three years, sold him to a customer who bred him for three years more and who not having the nerve to sell or kill him, has sent him back. He looks like a yearling bird today, is pure white and has a wonderful spread of tail." Writing about Rhode Island Red color he also states, "The Single Comb Rhode Island Red that won first at North Adams and special ribbon for best hen in the show and Rhode Island Red specials for best shape and color is four years old. In my winning Rose Comb Red pen at Albany there was one hen four years old, one three years old and two one year old, and they were all as even in color as pullets."

Those who are interested in these varieties should send for mating list. Address E. E. Wells, Elm Farm, Cohoes, N. Y.

RENDOTTE FARM

The White Indian Runner Duck is the latest addition to the duck family and for the short space of time that they have been before the public there has been a great interest developed in this new variety. They are being taken up by prominent poultrymen in all sections of the country and judging from the demands for stock and eggs, it looks as if White Indian Runners were going to enjoy a good sized boom. Among the first to take up this variety was J. H. Reynold, proprietor of Rendotte Farm, Atlanta, Ga., and judging from the success at such shows as Madison Square Garden, Augusta and Atlanta, Ga., Mr. Reynold's stock is of high quality. He evidently is looking forward to a very heavy demand for the White Runners the coming season, as he stated in a recent letter that he is installing a 2,400, Mammoth Incubator and will be prepared to give all orders his careful attention. His farm consists of twenty acres and is located at East Lake, a suburb of Atlanta. All his stock is bred on free range in open front houses, insuring health and vigor.

EDGEWOOD PARTRIDGE WYANDOTTES

Edgewood Partridge Wyandottes had a remarkable season in 1911, winning three championship cups and over fifty firsts from sixty birds. Mr. Stowell, proprietor of Edgewood Partridge Wyandottes, informs us that he has taken a partner, Mr. J. Bailey Wilson, Lansdowne, Pa., which makes an important acquisition to his stock. No finer Partridge Wyandotte blood exists in America, among the males' leading pens being two undefeated champions. There have been many changes in the large holdings of Partridge Wyandottes during 1911, and among them, no more important one than the purchase by Mr. Stowell of Dr. J. D. Clark's famous stock. Dr. Clark is a personal friend of M. H. Coffin; his original stock represented the finest birds in Mr. Coffin's yards. Mr. Wilson, who has entered into partnership with Mr. Stowell, is a graduate of Cornell and a businessman in Philadelphia, with his poultry yards located at Lansdowne, Pa. The yards of Mr. Stowell are located at Edgewood, R. I.

James H. Vincent of Hazelton, Pa., breeder of S. C. Black Minorcas and Buff Rocks becomes an advertiser with this issue. Mr. Vincent says his stock is bred from the best blood in the country and intending purchasers of either of these varieties will do well to write him for prices and information. He is offering some excellent breeding stock and booking egg orders from some fine matings at reasonable prices. Look up his ad. in this issue.

PLANT FRUIT TREES IN YOUR RUNS!

Make your soil produce profits as well as your poultry. Chickens eat insects from trees and furnish excellent fertilizer. I sell trees direct only. Save you half of agent's prices.

GREEN'S TREES 500,000 FOR SALE

Apple, Pear, Plum, Peach, Quince and Cherry. All northern grown, hardy, healthy, free from scale, rust, etc. Send now for 1912 catalog and get a free copy of Green's book, "How I Made the Old Farm Pay."

Established 33 years. Capital \$100,000. GREEN'S NURSERY CO. Rochester, N. Y. Box 50



SEEDS

The kind that grow successfully on Shorewood Farms. Every woman having a small piece of ground can profit by this offer. There is nothing more interesting than raising flowers and vegetables and the woman who can point to her table and say: "This was grown in my own garden" is to be envied. A like advantage of our generous offer and also obtain a year's subscription to Park's Floral Magazine. It will tell you how to grow garden things successfully.

10 Pkts. Choice Flower Seeds, 10 cts.

Aster, Q. of Market, Mxd.; Pinks, New Japan, Mxd.; Larkspur, Stock-horn, Mxd.; Poppy, New Shirley, Mxd.; Pansy, Giant Fragrant, Mxd.; Portulaca, Large-flwd., Mxd.; Potunia, New Bedding, Mxd.; Sweet Peas, Large-flwd., Mxd.; Phlox Drummondii, naw, Mxd.; Mixed Seeds, 1000 kinds.

10 Pkts. Choice Vegetables, 10 cts.

Beet, Imp. Early Turnip; Cabbage, Early, Solid Cone; Cabbage, Late Flat Dutch; Cucumber, White Spine; Lettuce, Malta Drumhead; Onion, Danvers Yellow; Parsnip, Large; Gurnsey; Radish, Special Mixture; Tomato, New Matchless; Turnip, Purple-top Globe.

Magazine 1 year and 10 pkts. choice Flower Seed, 15c. Magazine 1 yr. and 10 pkts. choice Vegetable Seed, 15c. Magazine 1 yr. and 20 pkts. Flower and Vegetable, 25c. In our selection of seeds, we have a variety of flowers that will make a most beautiful display and only such vegetables as are most in daily use raised by all. Shorewood Farms Co., Saugatuck, Mich.

Grow These Wonderful Prize Tomatoes.

We have the largest varieties of tomatoes in the world. Specimens have been grown weighing over 4 lbs., and of superior quality and flavor. Can you do as well? It's certainly worth trying. Send 10c, stamps or silver, and we will send a trial packet (50 seeds) of each of these varieties, viz.: Majestic, Red Majestic, Yellow Majestic.

\$75 IN PRIZES are offered for the largest tomatoes grown this year. Full particulars with each package. Ask for our complete illustrated catalog of novelties and standard sorts vegetable, flower and farm seeds. Dept. 1

Iowa Seed Co.
Des Moines, Iowa.



Once Grown Always Grown

Maule's Seeds

Poultrymen in all sections pronounce them the best ever. My new Seed Catalogue is a wonder. Contains everything in seeds, bulbs, small fruits and plants worth growing. 600 illustrations; 176 pages. Any poultryman sending his name on a postal card can have it for the asking. Send for it today. Address

WM. HENRY MAULE
1707-09-11 Filbert St., Philadelphia, Pa.

Send 5 cents (stamps) mention this paper, I will enclose in the catalogue a packet of the above GLANT pansy.

CLASSIFIED ADS.

RATES:—Classified advertisements will be inserted in this department of AMERICAN POULTRY WORLD at 5 cents a word per month for one or two months, or at 4 cents a word per month for three or more months. Change of copy allowed quarterly without extra cost. No order accepted for less than 50 cents for each insertion. Numbers, initials and abbreviations count as words. No display allowed other than initial word or name.

TERMS:—Cash with order and copy of advertisement. Positively no exceptions to this rule. Please count the words correctly to avoid delay in publishing. Write copy of your advertisement plainly to insure its appearing correctly. Copy must reach AMERICAN POULTRY WORLD office by 18th of the month preceding date of issue.

AMERICAN POULTRY WORLD is furnished every classified advertiser without charge during the time his advertisement appears in these columns.

We guarantee to publish an average monthly circulation of 40,000 copies during the year ending with April, 1912.

"BECOME IDENTIFIED WITH A WINNER."

ANCONAS

ANCONAS that win, lay and pay are the kind that I have. Eggs \$1, \$2 and \$3 per setting of 15 eggs. Baby chicks also. A. J. Francis, Youngstown, Ohio. 3-4-2

SINGLE COMBED ANCONAS. Eggs for hatching \$1.50 per 15, \$6.00 per 100. Sheppard Strain, selected birds, free range, great layers. J. Kutz, Bechtelsville, Pa. 3-4-2

STETSON'S STERLING ANCONAS, Winter layers; large white eggs; winning First Madison Square Garden guarantees our stock; eggs \$3-\$15 per setting. Stetson Farms, Room 511, 43 Cedar St., New York. 3-4-2

KERSHAW'S ANCONAS. Eggs from special prize pen \$5.00 per 12. J. Kershaw, Canandaigua, N. Y. 3-4-2

SHEPPARD'S FAMOUS ANCONAS. The world's best. Single or Rose Comb. First at world's greatest shows, including London, England, Madison Square and Cleveland. Greatest egg record—256 average. Catalogue free. Cecil Sheppard, Box X, Berea, Ohio. President International Ancona Club. 7-3-2

PORTER'S BLUEBELL ANCONAS have size, color, shape that produce winners. Eighty per cent. egg yield during three winter months. Our circular with photos tell the rest. S. P. Porter, Mallet Creek, Ohio. 3-5-2

FULTON'S ANCONAS have won 9 firsts, 4 specials and cup this season. Eggs from prize winners \$3.00 and \$5.00 per 15. William Fulton, McKeesport, Pa. 3-5-2

HIGH CLASS ANCONAS, won in a large class at Hamilton, all prizes on cockerels and pullets, also two specials, eggs \$3.00 and \$5.00 per setting. Guaranteed, square dealing. Walter Bowron, R. R. No. 5, Box 68, Hamilton, Ont. 3-5-2

ANCONAS—Good size, and finest quality. Eggs from choice matings, well-matured, vigorous stock. G. H. Hubbard, Lock Haven, Pa. 1-3-2

SINGLE COMB ANCONAS, Sheppard strain, eggs \$1.50 per fifteen. C. H. Tope, Scio, Ohio. 3-5-2

LOGAN'S ANCONAS. Won 8 firsts, 2 seconds, 1 third, 2 fourths at 4 shows, winning a prize on every bird shown. Eggs \$1.50 and \$3.00 per 15. Special sale of cockerels cheap. P. W. Logan, Woodbridge, N. J. 3-5-2

MOTTLED ANCONAS EXCLUSIVELY—Bred from Madison Square Garden winners. Eggs and baby chicks for sale. Mating list free. E. C. MacGregor, DeLancy, N. Y. 1-3-2

SCHYEYER'S NOTED ANCONAS are winners wherever shown. Bred them fifteen years. Circular. Henry Scheyer, Silver Creek, N. Y. 3-5-2

DROP EVERYTHING and write for circular. Our liberal offer starts you raising thoroughbred, registered New Standard Black Bird Anconas, both combs, baby chicks or eggs. See our large illustrated adv. elsewhere, this paper. Write sure today. Anconas Breeders' Exchange, Syracuse, N.Y. 1-3-2

ANDALUSIANS

BLUE ANDALUSIANS. Winners at our largest shows. Eggs 15 for \$2.00. Robert R. Street, Falconer, N. Y. 1-3-2

BANTAMS

GAME BANTAMS, Brown, Reds, Pyles, Golden and Silver Duckwings, Birchens. Grand birds for sale. W. H. Congdon, Oak Lawn, R. I. 3-5-2

BLACK REDS—Grand station, reachy, low tails, males \$4 up, females \$3 up. F. A. Wheeler, Slatersville, R. I. 3-3-2

BANTAM SPECIALIST. Buff, Black, Partridge Cochins and Light Brahmans. I ship on approval—Circular Free. Geo. C. Salmon, Port Dickinson, N. Y. tf

MOHAWK BANTAM YARDS. High-class exhibition Black Red and Red Pyle Games, Rose Comb Blacks, Partridge and Buff Cochins. Shipped on approval. Box H, Schenectady, N. Y. 3-3-2

RARE BARGAINS, Golden and Silver Sebright, Buff, Black, White and Partridge Cochin, Rose Comb Black and White, Light Brahma and Black Red Game Bantams. 1000 birds of the kind you want. Proper & Son, Schoharie, N. Y. 8-7-2

BANTAMS, Eggs, 34 varieties. Send 2c stamps for circular. A. A. Fenn, Box 44, Delavan, Wisc. 5-6-2

LIGHT BRAHMA BANTAMS. J. Hart Welch, Box W, Douglaston, L. I., N. Y. 6-2-2

FOR SALE, WHITE BOOTED BANTAMS, Bearded and Plain in pairs, trios or single birds. I have bred more winners at the following shows in the past 10 years than any other breeder in America: New York, Boston, Baltimore, Buffalo, Hagerstown, Allentown, Scranton, Syracuse, Toronto, Guelph and London. I have the best lot I ever offered for sale. Also eggs at \$3.00 per setting. T. J. Kiley, London, Ont., Canada. 3-5-2

FOR SALE—First-class Black Tailed Japanese Bantams, and W. F. Black Spanish, eggs in season. Mosher & Brownell, Johnstown, N. Y., successors to Mosher Bros. 3-5-2

BUFF COCHIN BANTAM eggs from select matings \$2.00 per thirteen. C. E. Rogers, New Market, N. J. 3-5-2

GOLDEN SEBRIGHT BANTAMS for sale. 15 choice eggs \$1.25, 30-\$2.00. Ravine Poultry Farm, Almond, N. Y. 1-3-2

SUPERB IMPORTED SILVER AND GOLDEN SEBRIGHT AND ROSE COMB BLACK BANTAMS. M. K. Miller & Sons, Pottstown, Pa. 1-3-2

BLACK COCHIN & LIGHT BRAHMA BANTAMS the kind that win at the largest shows. Eggs from the finest pens mated. It will pay you to write me before buying stock or eggs. A. I. Paine, Station A-1, Whitman, Mass. 9-10-12

WHITE COCHIN BANTAMS—Mighty Midgets. W. R. Hobbie, 532 Court, Kankakee, Ill. tf

AMERICA'S GREATEST WINNING STRAIN OF BUFF COCHIN BANTAMS. Have some rare bargains in breeders to offer. B. O. Schilling, Brighton, N. Y. tf

BRAHMAS

DARK BRAHMAS, Buff Wyandottes, Barred Rocks, White Leghorns. Stock and eggs for sale at reasonable prices. Hundreds of prizes won. Satisfied customers all over world. W. A. Fuller, Fultonville, N. Y. 3-3-2

LIGHT BRAHMAS—Chicago and Indianapolis winners. Exhibition eggs \$2.00, utility \$1.00. Milford M. Evans, Sheridan, Ind. 3-5-2

BUCKEYES

BUCKEYES, eleventh year, State Fair, Cincinnati and Columbus firsts. Gardner Dunning, Logan, Ohio. 3-4-2

BUCKEYES—Winners Madison Square, Boston, Cleveland, Washington, Scranton. Grand Matings for 1912. Write your wants. Catalogue free. Lindley Place, Meshoppen, Pa. 1-3-2

BUCKEYES—Great laying strain, beautiful high-scoring birds. 15 eggs \$1.00. D. Jennings, Hamburg, N. Y. 1-3-2

MAHOGANY YARDS, six pens, winners at Hartford, Manchester, Brockton, Boston, Grand Central Palace, N. Y. Chas. R. Wheeler, Manchester, Conn. 1-3-2

BUTTERCUPS

BUTTERCUPS—Winnings, 2 firsts, one second and one third. Cockerels and pullets for sale. Eggs for hatching in season. Write for prices. J. P. Porter, Box 68, Hamburg, N. Y. tf

FIRST PRIZE winners Ellwood City and Pittsburg, Pa., December, 1911, and January, 1912. A limited number of settings for sale. 15 eggs \$3.00, 30-\$5.00. D. E. Chambers, Ellwood City, Pa. 3-5-2

CAMPINES

CAMPINES—For Kennedy's Improved Champion Strain see advertisement on inside front cover. tf

IMPORTED SILVER CAMPINES (Bracket) large white eggs and plenty of them. Also Silver and Gold Penciled Hamburgs, Madison Square Garden winners. Eggs and stock for sale. David Pfautz, Lititz, Pa. 3-3-2

CAMPINES FROM BELGIUM. I have imported some of these wonderful layers and will book a limited number of spring settings. H. S. Hibbard, Hartford, Mich. 5-3-2

SILVER CAMPINES, direct from the finest of recently imported stock, (improved strain), eggs for sale. Louis Westfall, Route 1, Waverly, N. Y. 1-3-2

COCHINS

ARISTOCRATIC PARTRIDGE COCHINS. Big, vigorous birds, strongly penciled, heavily feathered. Stock, eggs. Reliance Poultry, Canastota, N. Y. 3-5-2

WHITE, BLACK, BUFF & PARTRIDGE winners at the big shows. For full particulars write for our 8 page mating list. D. C. Peoples, Uhrichsville, Ohio. 1-3-2

DOMINIQUE

CARTER'S DOMINIQUE won every first prize at last Boston Show in strong competition. Beautiful birds for sale, low. Circular free. A. Q. Carter, Freeport, Maine. 3-4-2

DORKINGS

SILVER GREY DORKINGS. To make room, I am compelled to sell all this year's breeders. Fine chance if taken at once. M. R. Jacobus, Box No. 3, W. Ridgefield, N. J. tf

SILVER GREY DORKINGS exclusively, 23 years the very finest as our records show. More first and special prizes at New York & Boston the last 15 years than all our competitors combined. Eggs from this champion strain \$4.00 per 13, \$7.00 per 26. Circular Free. Watson Westfall, Sayre, Pa. 4-5-2

SILVER GREY DORKINGS, after a life-long breeding of this unequalled breed, raising a long list of winners at our largest shows, am prepared to furnish very fine birds for breeding or showing. Write for prices. Eggs \$4.00 per setting, two for \$7.00, fresh and carefully packed. Henry Hales, Ridge wood, N. J. 3-4-2

DORKINGS, WHITE

WANTED good stock, no disqualifications. Also Eggs. Labente, Mountville, Va. 1-2-2

DUCKS

THE NEW EDITION OF DUCKS AND GESE should be in the hands of every breeder of water fowl. Contains the origin of the Duck. Describes the different Standard varieties. Tells about the wonderful Duck Industry on Long Island and abroad. 104 pages, 8½ x 11½. Price 75 cents. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

PRIZE WINNING MAMMOTH PEKINS, Eggs from special prize yard \$2.00 per 12. Other yards containing prize winners 12-\$1.00. True Fawn and White Indian Runner Eggs, 12-\$1.00. Q. F. & J. E. Montgomery, Nashport, Ohio. 5-5-2

MAMMOTH PEKIN DUCKS. Large Stock. Eggs for sale. White Wyandottes Regal Strain. Stock and Eggs for sale. Write me. Satisfaction guaranteed. George Thomas, Shiloh, Ohio. 3-4-2

COOK'S INDIAN RUNNERS. The oldest and best established white egg strain in America. Correct standard fawn color. 12 Eggs, \$5; 24, \$8; 50, \$15; 100, \$30. Extra fine drakes reasonable. Circular. Irving E. Cook, Munnsville, N. Y. 4-5-2

WHITE INDIAN RUNNERS. Each Dollar invested in White Runners this year will earn Ten. Our birds absolutely pure imported from Originators. Eggs \$5 setting. \$35 Hundred. Fountain Farm, Hazelrigg, Ind. 3-4-2

WHITE MUSCOVEY DUCKS. Prize stock. Drakes \$3, ducks \$2. Wm. Nash, Christmas Cove, Maine. 2-4-2

WHITE INDIAN RUNNER DUCK EGGS. 3 entries New York, 'Madison Square', First Pen, First Cockerel, Second Pullet, eggs Twelve dollars per dozen, 3 entries, Chicago—First Pen, Second Pullet, Fifth Cockerel, \$8.00 per dozen, non-winners four dollars per dozen, all clear eggs replaced. Charles M. McWhorter, Wakeman, Ohio, R. F. D. No. 1. 3-3-2

BLUE SWEDISH DUCKS. Large! Profitable! Beautiful! Excellent layers. 38 firsts from 41 entries in 1911-12, including Madison Square and Cleveland. Fawn and White Runners. True color. Racy type, record layers. Show quality. Runner eggs \$1.50 per setting, \$6.00 per hundred. Catalogue. Hillcrest Duck Farm, Belleville, Ohio, Box B. 3-5-2

RUNNERS. Excellent layers, easily reared, \$1 per 15 eggs. Why pay more? Ernest Koontz, Wharton, Ohio. 3-5-2

PURE BRED WHITE AND TAN RUNNER DUCKS—\$25 drakes head of flock. \$2.00 for 12 eggs. Wm. Burnside, Boise, Idaho, R. No. 1. 3-5-2

If you want ducklings and eggs from the best Light Fawn and White **INDIAN RUNNERS** write us. Won first and specials at Baltimore, Philadelphia. Also White Runners and Pekins. Caw-Law Poultry Farm, 101 W. Baltimore St., Baltimore, Md. 3-5-2

INDIAN RUNNER DUCKS, free range, land and water, strong, vigorous breeders. Walton and Brooks strain, Fawn and White. Prolific layers of large white eggs, \$1.50 setting 13 eggs. L. P. Church, Sterling, N. Y. 3-5-2

INDIAN RUNNER DUCK EGGS. White Egg Strain. Prices right. Wm. Wilbur, Union Springs, N. Y. 3-4-2

BUFF ORPINGTON DUCK EGGS, \$5 setting; Blue Swedish \$3. Cayuga, White Call, Colored and White Muscovy, Rouen, \$2; Mallard, Indian Runner, \$1 setting. Winners at Boston, Brockton, etc. Send stamp for list. H. S. Little, Brook View Farm, Newburyport, Mass. 3-5-2

GUARANTEED MORTGAGE LIFTERS are my Mammoth Pekin Ducks, raised for Duckling market. Prize winning Single and Rose Comb White Leghorns, Single Comb Buff Leghorns, Houdans and Single Comb Anconas. Egg circular free. Satisfactory prices. Life member American Poultry Association. Member International Ancona Club. C. C. Jackson, Rural W. Centerburg, Ohio. 3-5-2

IMPORTED AND AMERICAN WHITE INDIAN RUNNER DUCKS. Write for book and eggs only. Bob Seeds & Daughter, Birmingham, Pa. 3-5-2

BUFF ORPINGTON DUCKS, Mammoth and English Pied Buff Geese. Jacob Leatherman, Wadsworth, Ohio. 3-5-2

MAMMOTH PEKIN DUCKS, (Rankin) eggs from choice stock, \$1.25 per 12; 100-\$6. Springbranch Poultry Farm, Belleville, Ohio. 3-5-2

ILLINOIS State Show 1912. 1st prize and Champion **BUFF ORPINGTON DUCKS.** Eggs \$3.00 and \$5.00 per 12. Mammoth Pekins, 8 and 9 pound birds. Eggs \$1.25 per 12, \$2.25 per 25. Fred Oertel, Brighton, Ill., Box Z. 3-5-2

BUFF ORPINGTON DUCKS, Indianapolis Winners. B. O. Swain, Zanesville, Ind. 1-3-2

GAMES

SPANGLED GAMES AND ASEELS. Winners many shows. Circular free. H. P. Clark, Mansor Block, Indianapolis, Ind. 3-5-2

AMERICA'S FINEST STANDARD BLACK RED GAMES. Mudge, Westerly, R. I. 1-3-2

IDEAL DARK CORNISH won highest honors, Baltimore Club Show on domestic birds. Landed 2nd, 3rd, 5th place. Largest Cornish show ever held in America. Dr. W. A. Low, Catonsville, Md. 3-5-2

GEESE

TOULOUSE GESE—Fine, large heavy weight. Won more firsts and seconds at New York in last 4 years than all competitors combined. Prices reasonable. Webster Kuney, Seneca Falls, N. Y., R. D. 3-4-2

GEESE BREEDERS should read the new edition of Ducks and Geese. Contains full particulars about the hatching, rearing and management of Geese. Price 75 cents. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

HAMBURGS

FOR SALE—Golden Penciled Hamburgs, one cock and one hen. Very fine birds. Price \$15.00 for the pair to close them out. M. R. Jacobus, Ridgefield, N. J. tf

SILVER SPANGLED HAMBURGS, Standard-bred exhibition strain. Hodans 279 egg strain. Eggs for hatching a specialty. Fred Brenon, 122 North Pleasant St., Watertown, N. Y. 3-5-2

HAMBURGS, BLACK

WINNING BLACK HAMBURGS. Boston Show 1912, won 2 Firsts, 2 Seconds, 2 Thirds, Fourth, Fifth, and 3 Specials on eleven entries; including cup for Best Female, 50 birds in class. Write for winnings during last four years at Biggest Hamburg Shows. J. Lovell Little, Jr., 15 Beacon St., Boston, Mass. 3-4-2

HOUDANS

CLARK'S CHAMPION HOUDANS have won from Madison Square to Kansas City. Been winning twelve years. Bred by trap-nest for big white eggs. Circular. Scott Clark, Box 91, Sullivan, Ohio. 12-11-2

HOUDANS—Before buying stock or eggs, write me. L. A. Sedgwick, Jackson, Mich., Route No. 8. 3-3-2

COHOCTON HOUDAN YARDS. Eight grand pens, most approved strains. My stock is producing winners at Madison Square and other big poultry shows. Large vigorous birds, stock and eggs. A bunch of fine dark cockerels. A. H. Wood, Prop., Painted Post, N. Y. 4-5-2

HOUDANS. My birds win the Blue at Hagerstown, and cups and specials at Baltimore. Eggs \$2, \$3, \$5, per 13. Mrs. W. L. Spencer, Waverly, Baltimore, Md. 3-4-2

HOUDANS exclusively. Prize winners. Record layers. Eggs. Catalog. Quimby & Brown, 109 N High Street, Ipswich, Mass. 4-5-2

ARNOLD'S FAMOUS HOUDANS. Largest Crested Houdans in America. First, second, fifth cockerel, Palace Show. First, second, Madison Square, only five entries. Capt. C. E. Arnold, Babylon, N. Y. 3-4-2

HOUDAN EGGS \$2.00 per 15. C. G. Walton, Ni Wot, Colo. 1-3-2

LANGSHANS

ROBINSON'S LANGSHANS, BLACK—WHITE. Three entries at Boston won; first, second, third, special, color-shape. Heavy layers. Fertility guaranteed. Robinson's, West St., So. Weymouth, Mass. 3-3-2

FOR SALE, a few high-class Black Langshans in pairs, trios or pens. No circulars. Thomas Parker, Johnstown, New York. 1-3-2

BLACK LANGSHANS. Stock and eggs \$2.50 setting from first prize winners. J. P. Graham, Sparkill, N. Y. 2-4-2

LEGHORNS—BROWN

ROSE COMB BROWN LEGHORNS exclusively, 268 egg-strain. Setting eggs, \$1.00 to \$3.00 per 15. Orders promptly filled. Send for free mating list. G. J. Donahue, Box 40, Delavan, Wisc. 4-5-2

LAMSON'S ROSE COMBED BROWN LEGHORNS are bred to lay. Madison Square winners, cocks, hens, cockerels. Circular free. H. S. Lamson, Cameron, N. Y. Box C. tf

ROSE COMB BROWN LEGHORNS exclusively. Kulp 242 eggs strain. Chicks and eggs from this noted heavy laying strain for sale. Write your wants early. C. H. Holt, Ilion, N. Y. 3-4-2

NUTMEG STRAIN R. C. BROWN LEGHORNS. 1st cockerel, pullet and hen Boston, 1912. Eggs for hatching, baby chicks. Circular and mating list free. Firefly Farm, Box A, Guilford, Conn. 3-5-2

S. C. BROWN LEGHORNS—Eggs for hatching from heavy winter laying strain, \$3.00 per 15. Also S. C. White Leghorn eggs, \$2.00 per 15, from stock bred to lay. W. E. Dennis, Boonville, N. Y. 1-3-2

ROSE COMB BROWN LEGHORNS. True to color and type. Stock, eggs. Roberts & Farnham, Office and Sales-room, 1, 3 and 4 Taber Block, Canastota, N. Y. 3-5-2

"RUSSELL'S" SINGLE COMB BROWN LEGHORNS. Highest awards. Birds of quality. None better. Catalogue free. Stock or eggs. F. H. Russell, Box 28, Wakeman, Ohio. 3-3-2

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PEDIGREED S. C. BUFF LEGHORN COCKERELS, fit for any show, from hens with records between 219-267 mated to 250 record blood. Egg record and show points combined. 75 utility trios at \$5 each. 50 breeding trios \$8 and \$10, guaranteed to produce winners. Dr. Lawrence Heasley, Dor, Mich. 3-3-2

FISKE'S ROSE COMB BUFF LEGHORNS again sweep the deck at New York State Fair. Howard J. Fiske, Falconer, N. Y., Box N. 6-4-2

SINGLE COMB BUFF LEGHORNS. Madison Square, Philadelphia, Boston, Grand Central, Allentown winners head matings. Exhibition and utility eggs and chicks—any number. Mating list free. Wm. Crevoiserat, 38 Mill Road, Freeport, N. Y. 3-4-2

SINGLE COMB BUFF LEGHORNS. The kind that lay and win. Eggs and stock for sale in season. Write for particulars. Sunny Glen Poultry Yards, Box 183, Dennison, Ohio. 3-5-2

S. C. BUFF LEGHORNS, prize winning stock, 15 eggs \$1.00. White Plymouth Rocks 15-\$1.00. Satisfaction guaranteed. Mrs. C. L. Holmes, Warren St., New London, Conn. 3-5-2

R. C. BUFF LEGHORNS. Eggs \$1.00 per 15, good hatch guaranteed. Lewis O. Mayer, Columbia, Pa. 3-5-2

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SILVER LEGHORNS a specialty. 10 years a breeder of this beautiful variety. Circular free. Sylvester Shirley, Port Clinton, Ohio. 12-1-2

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YOUNG'S STRAIN LEGHORNS, direct. Some fine breeding cockerels for sale. Eggs for hatching. Get my prices. Bayerdorffer, Oakwood Heights, Staten Island. 3-3-2

S. C. WHITE LEGHORN eggs for hatching. Heavy laying strain, healthy, vigorous stock. Eggs \$6, \$8 and \$10 per 100. A. Hooker, Stonywood Farm, Geneseo, N. Y. 3-3-2

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CHICKS; BULLY GOOD WHITE LEGHORNS, highly developed for fancy white eggs; March, \$22 per 100, April, \$18, May \$14, also real good stock, Wyckoff strain, March \$16.50, April \$13.50, May \$10.50. General flocks (good) March \$14.50, April \$12, May \$9, under 50-25c extra. Safe delivery 500 miles guaranteed. Orders booked for ¼ cash, balance on delivery. Capacity 400 to 500 chicks per week. Last year hatched 4000, sold 1200. George Phillips, R. 17, Waterloo, N. Y. 1-3-2

S. C. WHITE LEGHORNS that win, lay and pay. Eggs \$1.50 per 15. Patrick Delaney, 402 Maple Ave., DuBois, Pa. 1-3-2

UTILITY SINGLE COMB WHITE LEGHORNS, great winter layers, pen of 24, average 182 eggs from Nov. 1st, 1910, to Nov. 1st, 1911. 23 pullets, daughters of above hens laid 351 eggs in January, 1912. Free range, strong, vigorous breeders. Eggs \$1.50 setting, 15. \$5.00 per 100. L. P. Church, Sterling, N. Y. 3-5-2

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UTILITY BRED, show winning S. C. WHITE LEGHORNS. Large white eggs, \$1-fifteen, \$5-hundred. Chicks \$10-hundred. Circular. George Bedell, Clinton Corners, N. Y. 3-5-2

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YOUNG STRAIN SINGLE COMB WHITE LEGHORN EGGS for hatching from prize winning stock \$3 per 15 or \$10 per 100. Utility stock, \$1.50 per 15 or \$5 per 100. Stewart Poultry Farm, Tilson, N. Y., Ulster Co. 3-5-2

S. C. WHITE LEGHORNS—Large improved strain. Eggs \$1.00 per 15, \$4.50 per 100. Fertility guaranteed. Fricke Bros., Egg Farm, Charlottesville, Va. 2-4-2

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EGGS READY FOR HATCHING from Prize winning WHITE LEGHORNS, Blanchard strain, \$1 per setting, \$3.50 for 50; \$6.00 for 100. Sherman Poultry & Egg Co., Oakfield, N. Y. 3-4-2

SINGLE COMB WHITE LEGHORNS—vigorous, free range stock. Young strain, heavy layers. Eggs 15-\$1.00; 100 \$5.00. Booklet free. Frank Runser, Ada, Ohio. 3-4-2

MY SINGLE COMB WHITE LEGHORN pullets lay in 16 weeks. Foundation stock from leading American breeders. Cockerels, \$2 to \$5; Eggs \$1 per 15, \$5 per 100. Day-old Chicks 12 cents. Dodge Poultry Farm, Oakfield, N. Y. 3-4-2

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BLACK BEAUTY ORPINGTON YARDS, SOUTHPORT, CONN. Breeders of "The Black Orpington Beautiful". Six breeding pens headed by—first cockerel, West Haven; first cockerel, Bridgeport; fourth cockerel, Madison Square Garden; Cock which sired eight of our winning females this season; two grand cockerels by that cock. Eggs after January fifteenth. 3-3-2

DAVIS' BLACK ORPINGTONS are second to none. Bargains in stock-eggs \$3.00 per 15. S. H. Davis, Box S, Lansing, Mich. 4-5-2

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THE CACKLE OF THE HEN is indeed, "music in the air," when eggs sell for one dollar each. We sell fifteen eggs from our S. C. Black Orpingtons for **three dollars.** There is no better stock on earth and we doubt if there is on Mars. Drop me a postal and I will sell you some. A. B. Borst, Cobleskill, N. Y. 1-3-2

S. C. BLACK ORPINGTONS, exclusively, from the very best strains in U. S. and Canada. A few fine cockerels for sale. Eggs \$5.00 per 13. A. W. Stocker, Ravenna, Ohio. 2-4-2

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S. C. BUFF ORPINGTONS—Connecticut Champions. Cockerels for sale. Eggs \$3.00 per 15, \$5.00-30; Circular free. Joshua Shute, Meriden, Conn. 4-5-2

S. C. BUFF ORPINGTONS. Great layers and premium winners, extra good utility eggs 15-\$2.00; 100-\$10.00. Eggs from exhibition stock 15-\$5.00. DeWitt C. Wiles, Fort Plain, N. Y. 3-4-2

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ORPINGTONS, S. C. BUFF, direct from originator, Wm. Cook. Great egg producers. Eggs five cents apiece, four dollars per hundred. Wm. N. Batchelder, R. F. D. No. 4, Pittsfield, N. H. 3-4-2

SINGLE COMB BUFF ORPINGTON eggs for hatching \$1.25 per 13. Selected pens. Mrs. A. M. Barnett, Clarkson, N. Y., R. D. No. 1. 3-4-2

SINGLE COMB BUFF ORPINGTONS. (Cook-Edwards and Clark strains). Eggs from first pen \$3.00 per 15. Choice mating. Cockerel sired by imported male; a thoroughbred, and will produce good breeders. Second and third pens are also carefully mated for color and egg production. 2 settings for \$3; one setting from each three pens \$5.00. D. P. Nelson, R. No. 5, Manchester, N. H. 1-3-2

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"THE REAL" S. C. WHITE ORPINGTONS. If you want stock or eggs from a strain that is second to none in the **WORLD** that have been constant winners for ten years wherever shown, including Madison Square, New York, and Guelph Winter Fair, Canada, the two greatest shows on this continent, note my winnings at Buffalo show. Write for mating list. F. H. J. Moore of Moore Bros., 199 Cannon E., Hamilton, Ont., Canada. 1-2-2

KELLERSTRASS CRYSTAL WHITE ORPINGTON cockerels, eggs and day old chicks. Wm. Prosser, Shelbyville, Ill. 3-4-2

KELLERSTRASS CRYSTAL WHITE ORPINGTONS direct. This is your opportunity to produce eggs from pen No. 1. A pen direct from Kellerstrass at \$5.00 for 15. Pen No. 2, eggs from stock from a \$500.00 pen direct from Kellerstrass, \$3.00 for 15. G. G. Barkman, Rohrerstown, Md. 1-2-2

KELLERSTRASS and IMPORTED WHITE ORPINGTONS breeding pens are mated to winners at New York State Fair, Nazareth and Bethlehem. Eggs \$2.00 to \$5.00 per 15. Brookside Poultry Yards, Nazareth, Pa. tf

WHITE ORPINGTON EGGS—Kellerstrass, Owen, Cook, Philo Strains, (from choice matings). \$2.00, \$3.00, \$5.00-15 eggs. Stock for sale reasonable prices. John Rustin, Monsey, New York. 2-4-2

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CRYSTAL WHITE ORPINGTONS, eggs and stock for sale. Eggs from prize winning pens. T. H. Leah, Warren, Ohio. 3-4-2

SINGLE COMB WHITE ORPINGTONS exclusively. Cook, Kellerstrass and Jackson strains. Prize winners wherever shown. Eggs \$2.50 and \$2.00. R. D. Cowles, Mayville, N. Y. 3-4-2

CRYSTAL WHITE ORPINGTONS, Kellerstrass direct. Eggs from choice birds, day-old chicks and stock. Send for mating list. Rev. A. Kuhlmann, Baltic, Ohio. 4-5-2

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WHITE ORPINGTONS. Pen headed by son of Owen Farms first cockerel, Madison Square 1909. Eggs \$5.00. Kellerstrass stock from \$100 male. Eggs \$2.50; Chicks 25c. Robert W. Walton, Horseheads, N. Y. 1-3-2

EGGS from Madison Square Garden first prize winners, all varieties. Guaranteed to hatch winners. Prices low. Koebler's Orpington Farm, Lynbrook, N. Y. 3-5-2

CINO WHITE ORPINGTONS WIN. Won at Columbus, Hamilton, Indianapolis and Cincinnati. At Cincinnati's big 1912 show won, in strong competition, first and second cock, first hen, fourth and fifth cockerel, fourth pullet, first pen. Ten entries, seventy-nine in class. Won American White Orpington Club Silver Cup and other specials. Stock for sale. Eggs for hatching from prize winners, \$3.00, \$5.00 and \$10.00 per fifteen. Mating list. Cino Poultry Farm, Sta. A, Cincinnati, Ohio. 3-5-2

WHITE ORPINGTONS. Pen headed by nine pound Owen Farms cockerel. Excellent type, color. Selected females. Other matings. Eggs 15-\$2. Clarence Resinger, Du Bois, Penna. 2-4-2

S. C. WHITE ORPINGTONS. Cook and Kellerstrass strains. Eggs \$2 per fifteen. Mrs. Robert E. Seward, Castleton, Vt. 3-5-2

WHITE ORPINGTON HOME—Rose Comb White Orpingtons, exclusively. Eight years a breeder. Thousands of prizes won. Eggs from best pens 15, \$5.00, 30-\$9.00. Hatch guaranteed. Stock for sale reasonable, satisfaction guaranteed. Circular free. Earl L. Cook, Munnsville, N. Y. 3-5-2

S. C. WHITE ORPINGTON Eggs Pen No. 1. I have placed an imported cockerel from one of the best breeders in England, a beautiful bird in every way, with ten of my best hens, Kellerstrass strain. 15 eggs for \$10.00. Pen No. 2, these are of Kellerstrass strain. The cockerel at the head of this pen is the best I have ever raised. \$3.00 for 15 eggs. Joseph Chamberlain, 2100 Grand Ave., Des Moines, Iowa. 3-5-2

KELLERSTRASS CRYSTAL WHITE ORPINGTONS, direct, eggs \$3.00 and \$2.00 per 15; eggs by the hundred. Infertile eggs replaced. George Francis, Jefferson, N. Y. 2-4-2

CRYSTAL WHITE ORPINGTONS. Kellerstrass and Owen Farms strains, prize winners at Racine, Jan., 1912. Eggs from all pens as gathered \$2.50 per 13, \$8.00 per 50, \$14.00 per 100, infertile eggs replaced once, express prepaid on original orders. Edw. M. Longmore, Somers, Wis. 2-4-2

SINGLE COMB WHITE ORPINGTONS, prize winners at Mo., Ill., and Ind. State shows. Eggs from these prize winners at 5 dollars per setting of 15. Satisfaction guaranteed. J. C. Mertens, St. Charles, Mo. 3-5-2

KELLERSTRASS WHITE ORPINGTONS. Pen No. 1 headed by fine cockerel from \$250.00 male direct from Kellerstrass farm. Pen No. 2 contains pullets from same male headed by fine cock bird bred from stock from Kellerstrass \$30.00 matings. Eggs \$3.00 per fifteen. C. D. Scott, DuBois, Pa. 1-3-2

WHITE ORPINGTON BABY CHICKS, sturdy, Crystal White Kellerstrass stock. \$4 dozen, eggs ten cents each. Deal Poultry Farm, Plano, Ill. 3-5-2

WHITE ORPINGTONS. Bred for quality, bred for size, bred to lay. Winners of beautiful cups, special for shape and color, and many blue ribbons. 8 pens now mated for this season. Send for circular. Sheldon Wolf, Box A, Washington, Pa. 3-5-2

KELLERSTRASS WHITE ORPINGTONS. Fine stocky birds. Great layers. Eggs \$2.00 per 13. E. M. Ware, Peterboro, N. H. 3-5-2

KELLERSTRASS ORPINGTONS. Duston Wyandottes, prize winners. Eggs, chicks, reasonable. Circular. Earl Pemberton, Roseville, Ohio. 1-3-2

WHITE ORPINGTONS. This season my birds have won over imported English prize winners. They have also beaten some of the best American bred stock. My matings this year are the best I have ever made. Stock, eggs and baby chicks for sale. Catalogue free. Special price on utility eggs \$5.00 for 50. Dr. M. S. Gooding, Box B, Brockport, N. Y. 3-5-2

CRYSTAL WHITE ORPINGTON EGGS. 1st pen, \$5 per 15; 2nd pen \$3; 3rd pen \$2. Mating list free. Mrs. Jess Burford, Waveland, Ind. 3-5-2

WHITE ORPINGTON eggs for hatching. Illustrated catalogues. Mating list free. Bellefontaine White Orpington Yards, Dr. J. P. Harbert, Bellefontaine, Ohio. 3-5-2

WHITE ORPINGTON BABY CHICKS, \$3 per dozen, (Kellerstrass). E. Griffiths, Stockton, New Jersey. 1-3-2

CRYSTAL WHITE ORPINGTON eggs for sale at \$5.00 for 15. First prize winner at Hornell show, heads the pen. Also eggs from good Buff Orpingtons at \$2.00 for 15. P. A. Demgar, Brown, Station, N. Y. 2-4-2

PRIZE WINNING STOCK. Eggs for hatching \$2.50 per 15. Choice cockerels for sale. W. E. Lacy, Avon, N. Y. 1-3-2

S. C. WHITE ORPINGTONS, prize stock, one cock, ten hens for \$25.00. Geo. S. Holmes, Apalachin, N. Y. 3-5-2

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ORPINGTONS—\$12.50 for a pen of four pullets and one cockerel correctly mated to produce results. No culls. Strictly show birds, \$5.00 and up. Winners at the largest shows. Single and Rose Comb Buff and Single Comb Whites. Write Walter SchAAF, 426 Broad, Richmond, Va. 3-4-2

ORPINGTONS, White (both combs) S. C. Buff, Black, New York, Boston, Hagerstown, Williamsport winners. Eggs, chicks, reasonable. Circular. Wm. A. Seidel, Washingtonville, Pa. 3-4-2

WHITE AND BUFF ORPINGTONS. Eggs and baby chicks from prize winning stock, true type and color. E. J. Geiselman, Hanover, Pa. 3-4-2

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BUFF, WHITE ORPINGTONS. Selected matings from Cook, Joe Pye, Philo and Kellerstrass strains. Eggs \$2 to \$5 per 15. Infertile eggs replaced. B. L. Boyle, Manchester, Mass. 3-4-2

BEAUTIFUL BLACK & BUFF ORPINGTONS. Rose Comb Reds—blue ribbon winners Rochester and Watertown. Grand layers. Eggs, chicks, breeders, price reasonable. The Cloverdale Bee & Poultry Ranch, Evans Mills, N. Y. 3-5-2

ORPINGTONS, Single and Rose Comb White, Single Comb Black and Rose Comb Buff. Eggs \$1.50 per fifteen. Muncy Poultry Association, Julian, Pa. 3-5-2

S. C. WHITE AND BUFF ORPINGTONS, one pen Whites, sisters to first pen and second hen Boston show 1912. Eggs for hatching \$2.00, \$3.00 and \$5.00 per setting. Breeding stock for sale. D. W. Davis, 41 Albion St., Montello, Mass. 1-3-2

PIGEONS

MATED HOMERS, \$1.00; CARNEAUX, \$3.00; MALTESE, \$3.00 per pair. 2 illustrated catalogues, 10c. Pigeon Dept., Hillhurst Farm, Orchard Park, N. Y. R. F. D. Box 16. 3-3-2

FOR SALE—PIGEONS all varieties. Catalogue 10c. Jos. Schroer, 1301 Benton, St. Louis, Mo. 3-3-2

PLYMOUTH ROCKS—BARRED

BARRED ROCK EGGS for hatching. Pittsfield strain \$1 per 15. J. I. Hereter, Gettysburg, Pa. 2-4-2

PARKS' 200 EGG BARRED ROCKS. Pens headed by sons of Viola, Ivis, Precilla, records 236, 238, 217 eggs. Pedigreed cockerels \$3.00 up. 15 eggs \$1.50. Circular free. Frederick Matteson, 3838 Woodley Lane, Washington, D. C. 3-2-2

BARRED ROCK BREEDERS. Send 50c for National Barred Rock Journal one year. The only monthly magazine issued wholly in the interests of the Grand Old Breed. W. L. Robinson, Pub., Union City, Mich. 1f

BARRED ROCKS. Bred for exhibition females. Welles, Latham strains, direct. Choice cockerels, \$2.50, \$3. Frank S. Sewell, Fishkill-on-Hudson, N. Y. 3-3-2

RINGLET BARRED ROCKS. Few choice cockerels \$2 each. Eggs from prize pens, \$2 per setting. L. F. Nichols, Fremont, Ind. 3-3-2

BARRED ROCKS.—Thompson's "Ringlets" in their purity. Eggs from choice matings, \$1.50 per 15; \$7.00 per 100. Satisfaction guaranteed. Milton Fox, Palmyra, Pa., Dept. A. 3-3-2

TRAP-NESTED BARRED ROCKS. 200-260 eggs, actual records. Cockerels and eggs for sale. Write for circular. Riverside Poultry Yards, Box 368, Pittsfield, N. H. 3-3-2

BARRED PLYMOUTH ROCKS. The celebrated laying strain of Go-Wells, and the Thompson Ringlets bred separately. A few cockerels and pullets for sale, eggs for hatching and baby chicks after March 1st. Orders booked now. E. E. Lewis, Apalachin, N. Y. 3-3-2

E. B. THOMPSON'S "RINGLETS" Direct extra choice eggs, cockerels and females, big, vigorous stock, bred from winners, best New York winning blood from proven breeds. I have spared neither pains nor money. Wm. Huckle, Waverly, N. Y. 3-4-2

BARRED ROCKS.—Fine large birds. Cockerels 8½ pounds, \$2 to \$10. Pullets \$1.50 to \$3.00. August hatch \$1.00, baby chicks 15c. Eggs \$1.50 and \$7.00 per hundred. Alfred R. Scott, Valley Stream, N. Y. 3-4-2

RINGLET BARRED ROCKS. Choice cockerels bred from prize winners at \$5.00 each. Eggs from best matings \$3.00 per 15. W. G. Archer, Clifton Springs, N. Y. 4-5-2

RINGLET BARRED ROCKS. Pen headed by cock direct from E. B. Thompson. Eggs \$2.00 per 15. Chas. B. Patterson, Batavia, N. Y. 1-3-2

QUALITY BARRED ROCKS.—\$5 a setting. Elijah Youtz, Sunbury, Pa. 2-4-2

MY BARRED ROCKS again win every first prize at Easton, Pa., special for the best display at Allentown, Bethlehem, Pa., and Trenton, N. J. Stock and eggs for sale. E. Dundas, Phillipsburg, N. J. 3-5-2

PARKS' 200 EGG BARRED ROCKS. Pens headed by sons of 236 and 238 egg hens. Hens with records 217-238 eggs. 15 eggs \$1.50. Circular free. Frederick Matteson, 3838 Woodley Lane, Washington, D. C. 3-5-2

BLUE BARRED ROCKS. Eggs selected, matings, \$1.50 per 15, \$2.50 per 30, utility \$5.00 per 100. Frank S. Sewell, Fishkill-on-Hudson, N. Y. 3-5-2

RINGLET BARRED ROCKS. Blue ribbon winners have better birds in my breeding pens than ever before. Eggs for hatching at \$1.50 to \$5.00. W. H. Porter, Sandy Lake, Pa. 2-4-2

COCKERELS AND PULLETS \$1.50 up. Chicks 15c. Eggs \$6.00 per hundred. Scott, Valley Stream, N. Y. 3-4-2

BLUE STAR BARRED PLYMOUTH ROCKS. Beautiful birds in every way. Bred for Standard qualities, bred to lay. And every day you will find they pay, for they lay eggs in winter as well as May. 15 eggs from trap-nested matings \$1.50. Satisfaction guaranteed. Virgil C. Longcor, Andover, N. J. 1-3-2

E. B. THOMPSON'S RINGLET STRAIN BARRED ROCKS, cockerel and pullet matings, 15 eggs \$1.00, per 100 \$5.00. H. D. Pinckney, Mahopac, N. Y. 3-5-2

EGGS \$1.50 per 15, \$7.00 per 100 from vigorous, farm raised Ringlet Barred Rocks, bred for eggs and beauty. Hatchable eggs and thrifty chicks guaranteed. Steingrebe Bros., North Syracuse, N. Y. 1-3-2

BARRED ROCK eggs from snappiest Barred females living (female line) won this season seven shows. \$3.00 setting. Eggs from giant strain, early maturing, one pound above Standard at six months. \$2.00 setting, headed by 1st cock, Stamford. Save this ad. H. A. Conant, Port Chester, N. Y. 1-3-2

MY BARRED ROCKS won three prizes on four entries at the big Ohio State Poultry show, Columbus, Ohio, January, 1912. Eggs from fine utility stock \$1.25-15. Exhibition pullet mating \$2.00-15. Chas. E. Ford, 348 Centner Ave., Columbus, Ohio. 1-3-2

TILLFORD'S "TRUE TO NAME" BARRED PLYMOUTH ROCKS. 15 eggs \$5. We replace free all that do not hatch. Highest quality, line bred. Geo. W. Haskin, Manager, 10 years practical experience on one Barred Rock Farm in this town. Address, Chas. W. Tillford, Amenia, N. Y. 1-3-2

PLYMOUTH ROCKS—BUFF

NUGGET BUFF ROCKS. Silver cup winners, twenty grand breeding cockerels \$5 each, many good enough for show. Lloyd A. Pinchin, Route No. 2, Hornell, N. Y. 3-3-2

EVERY BREEDER OF BUFF ROCKS should procure a copy of the new Plymouth Rock Book, the most valuable breed book ever published. Profusely illustrated, contributed to by leading breeders; edited by Wm. C. Denny. 144 pages, price \$1.00 postpaid. Address, AMERICAN POULTRY WORLD, Buffalo, N. Y. 1f

MILLER'S BUFF ROCKS. Heavy layers, heavy winners, biggest shows. Allentown, Hagerstown, Lebanon, Pottstown—silver cups, etc. Send for list. Eggs \$2.00 per 15. W. B. Miller, Box W, Douglassville, Pa. 3-4-2

BUFF ROCKS, the wonder winter laying strain, large rich Buff eggs \$2.50 per setting. Wm. B. Robinson, Route 6, Albion, New York. 4-6-2

POLEY'S BUFF ROCKS, prize winners. Eggs for sale. John C. Hill, Blairstown, N. J. 1-3-2

Eggs from free range **BUFF ROCK** chickens \$2 per 15. Hattie Davis, R. No. 1, Lake, Ind. 1-3-2

POLEY BUFF ROCKS.—Circular free. W. R. Hobbie, 532 Court, Kankakee, Ill. 1f

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COLUMBIAN ROCKS direct from Madison Square, Boston, Chicago, Philadelphia winners, eggs reasonable. Harper Mayberry, Dillsburg, Pa. 3-3-2

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PARTRIDGE PLYMOUTH ROCKS, Noftzger strain for sale. Cockerels and pullets, eggs for sale in season. S. J. Sharp, Kewanee, Ill. 4-4-2

PARTRIDGE ROCKS. The kind everybody wants, stock and eggs. M. K. Miller & Sons, (Exporters) Pottstown, Pa. 1-3-2

PARTRIDGE PLYMOUTH ROCKS. Eggs from Flint first prize and cup special winners. D. E. Eighinger, Flint, Michigan. 3-5-2

CHILD'S PARTRIDGE ROCKS. If you want eggs from stock that have recently won 32 blue Ribbons at ½ less than most breeders charge, write for circular. Samuel Childs, McKeesport, Pa. 3-5-2

RAINBOW PARTRIDGE ROCKS. Won 1, 2 cock; 2, 4 hen; 4 cockerel; 1, 2, 4 pullet, Cleveland. Catalog free. Rockwood Farm, (A. Plesnt.) Norwalk, Ohio. 3-5-2

PARTRIDGE ROCK EGGS. First cock, cockerel and pullet, South Bend show. Splendid stock. Noftzger strain. C. E. Pattee, South Bend, Ind. 3-5-2

PARTRIDGE ROCKS.—Akron winners. Eggs from five pens. Prices right. Circular free. Harvey Gardner, Marshallville, Ohio. 3-5-2

PARTRIDGE ROCKS. Noftzger strain. A choice pen mated by an expert for best results. Eggs \$5.00 per 15. Soverhill, 16 Tuxedo Pl., Buffalo, N. Y. 1f

PLYMOUTH ROCKS—Silver Penciled

SILVER PENCILED PLYMOUTH ROCK The blue ribbon strain, cannot be excelled for beauty, laying and winning. Eggs \$3.00 per setting. J. A. Zaugg, Apple Creek, Ohio. 3-5-2

PLYMOUTH ROCKS—WHITE

"FISHEL" WHITE ROCKS. Farm reared. Great layers. Stock and eggs. Prices right. Ralph B. Cass, Afton, N. Y. 3-3-2

WHITE PLYMOUTH ROCK breeders should secure a copy of the new Plymouth Rock Book, just out. Invaluable for beginners or experienced breeders. Edited by Wm. C. Denny. One dollar will bring a copy postpaid. Address, AMERICAN POULTRY WORLD, Buffalo, N. Y. 1f

FISHEL WHITE ROCKS; 1st pen, full Fishel blood. All winners. Eggs \$2.50, 2nd pen, selected breeders; Eggs \$1.75. Utility eggs 75c. Satisfaction guaranteed. Rock Vale Poultry Yards, Palmyra, Pa. 3-4-2

HIGH CLASS WHITE ROCK, Fishel strain direct, great layers. 15 eggs \$1.00; 50-\$3.00; 100-\$5.00; 200-\$9.50. Henry Heitkamp, New Bremen, Ohio. 3-4-2

"FISHEL" WHITE ROCKS. May hatch, pullets and cockerels \$2. Great layers; selected stock. Eggs \$10 hundred. Dr. Dudenhausen, Saint Remy, Ulster Co., N. Y. 1-3-2

WHITE ROCKS. Prize winners wherever exhibited and choice utility stock. Eggs for hatching from winners mated to produce winners. Prices right. Send for free mating list. R. M. Loring, Box 50, West Pownal, Me. 3-5-2

HEAVY STOCK OF WHITE PLYMOUTH ROCKS, pullets 8-9 lbs, cockerels 9-11 lbs., laying at 5½ months. Got cash prizes at big 1911 Brockton Fair. All stock culled and mated by poultry judge. Eggs \$1.50-15, \$10.00-100. Cash with order. Reference, Home National Bank, Brockton. Joseph J. Demenkow, 37 Dover St., Whitman, Mass. 1-3-2

WHITE PLYMOUTH ROCK, fine feather, stock bred direct from Fishel select. Fine cockerels \$2.50 each. Eggs \$1.25 per 15, \$6 per 100. H. G. Hall, Little Valley, N. Y. 3-5-2

"FISHEL" WHITE ROCKS. Eggs now. Circular. Plummer McCullough, Mercer, Pa. 3-5-2

SNOW WHITE PLYMOUTH ROCKS, Fishel strain direct. Eggs \$1.00 per 15, \$5 per hundred. Orders booked for baby chicks. Indian Runner Duck eggs \$1.00 per setting. F. T. Baker, Ransomville, N. Y. 3-5-2

PLYMOUTH ROCKS—SEVERAL VARIETIES

JUST OUT.—The new Plymouth Rock Book. The most complete work on all varieties of Plymouth Rocks ever pub-

lished, contains 144 pages, 3 color plates and many half-tone illustrations. Tells how to mate, breed and exhibit all varieties of this popular fowl. Edited by Wm. C. Denny, price \$1.00 postpaid. Address, AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

POLISH

WHITE CRESTED BLACK POLISH exclusively. cockerels cheap, eggs in season. Dr. W. V. Woods, Odessa, Del. 3-5-2

WHITE CRESTED BLACK POLISH. Snowball strain. Handsome mating list free. Snowball Poultry Yards, Ft. Wayne, Ind. 4-5-2

CARPENTER'S WHITE CRESTED BLACK POLISH make clean sweep at St. Louis, Mo., Williamsport, Pa., and Grand Central Palace Shows. On 9 entries we won 5 Firsts and 4 Seconds. An unparalleled record. Every one of these winners retained for our season's matings. Fine catalogue and mating list free. Grand Youngsters for sale. Carpenter & Carpenter, East Randolph, New York. 3-4-2

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ROSE COMB RHODE ISLAND REDS, winners at New York, Boston, Philadelphia, Hagerstown, Allentown, Trenton and wherever shown. Eggs for hatching. Send for circular showing matings and winnings. Louis Anderson, Bloomsburg, N. J. 5-5-2

RHODE ISLAND RED cockerels and pullets, good color and shape, \$3.00 and up. Eggs for hatching. Send for circular. Red and White Poultry Farms, 170 North 19th St., E. Orange, N. J. 3-3-2

REMEMBER we originated the Red Velvet Strain of S. C. RHODE ISLAND REDS. Circular Free. Q. F. & J. E. Montgomery, Nashport, Ohio. 5-5-2

SINGLE COMB REDS. Thompson and Scranton prize winning strains. Eggs from farm raised birds, \$1.00 for 15; \$5.00—hundred; guaranteed 75 per cent. fertile. W. F. Hessert, Box C, Dias Creek, N. J. 3-5-2

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RHODE ISLAND REDS. Rose and Single. Eggs, \$2-15; \$5-50. Utility eggs, \$7-100; \$65-1000. See advertisement on page 543. W. S. Harris, Mansfield, Mass. 3-5-2

SINGLE COMB REDS, eggs for hatching from Reds of quality. Eugene Bayer, Mantua, Ohio. 1-2-2

TOMPKINS, S. C. REDS bred direct from New York winners. Great winter layers. Prices reasonable on stock and eggs. Satisfaction guaranteed. Free mating list. E. F. Ramm, New London, Wisc. 4-5-2

ROSE COMB RHODE ISLAND RED eggs for hatching, also breeding cockerels. C. O. Bartlett, Beverly, Ohio. 4-5-2

PRIZE WINNING AND GREAT LAYING RHODE ISLAND REDS (both combs) and Diamond Jubilee Orpingtons. Eggs reasonable. Write for mating list. Geo. H. LeFever, Montgomery, N. Y. 3-4-2

"RIVERSIDE" ROSE COMB REDS. Winners at New York, Philadelphia, Allentown, Scranton, Easton and Trenton. Splendid cockerels and pullets at right prices. Book orders for eggs and baby chicks. Send for catalogue. Edward S. Lambrite, Box 90, Erwinna, Pa. 3-2-2

ROSE COMB RHODE ISLAND RED eggs \$1.25 for 15, or \$5.00-100, from best matings. Solomon Smith, Eagleport, Ohio. 3-5-2

NATIONAL S. C. RHODE ISLAND REDS—Washington prize winners. Extra heavy layers, dark, rich red males. 80 per cent. fertility guaranteed. Selected matings, 15, \$2.00; 100-\$8.00. National Poultry Yards, Box 231, Washington, D. C. 1-3-2

SINGLE COMB RHODE ISLAND REDS. Pen headed by cockerel that won shape special at Livingston County show. Eggs \$3.00 per 15. Chas. B. Patterson, Ellicott St., Batavia, N. Y. 1-3-2

REDNEY RHODE ISLAND REDS. Rose and Single Comb. Winners at New York and wherever shown. Eggs for hatching, send for mating list. J. Alvah Scott, Ossining-on-Hudson, N. Y. 3-5-2

ROSE AND SINGLE COMB RHODE ISLAND REDS. Large, vigorous birds bred to lay. Fertile brown eggs from selected stock, \$1.50-15, \$6.00-100. F. R. Brownell, Little Compton, R. I. 3-5-2

EGGS \$2 from prize winning **SINGLE COMB R. I. REDS.** Single Comb Black Minorcas, Golden and Silver Sebright, Red Pyle Game and Black Tail Japanese Bantams. J. L. Sebolt, R. No. 4, Elyria, Ohio. 3-5-2

SINGLE COMB REDS, eggs for hatching from Reds of quality. Eugene Bayer, Mantua, Ohio. 1-3-2

ROSE AND SINGLE COMB REDS. In a class of 60 Reds, won five firsts, four seconds, again six firsts and special, four seconds. Eggs \$1 and \$2 per 15, \$5 per 100. Thomson Sisters, Aledo, Ill. 1-3-2

ROYCE'S REGAL REDS. Single Comb. Eggs from prize winning stock \$2 per 15, \$5 per 50. Satisfaction guaranteed. D. E. Royce, Ray, Ind. 3-5-2

Thompson's Strain **SINGLE COMB REDS.** Better than ever. Winners at Bethlehem and Allentown. Satisfaction guaranteed. Two and three dollars per setting of fifteen eggs. Edward W. Weaver, 1732 East Second St., So. Bethlehem, Pa. 3-5-2

SINGLE COMB REDS. Eggs for hatching. 1st breeding pen at Racine. Stock for sale. Red Robe Poultry Pens. Dr. W. H. Holmes, 1317 Main St., Evanston, Ill. 3-5-2

ROSE COMB REDS, Ashtabula, Cleveland, Chicago winners. Mating list free. F. D. Wilson Geneva, Ohio. 3-5-2

SINGLE COMB DARK RUBY REDS. 1st prize Illinois State Show 1911 and 1912. Eight pens mated for egg trade. Send for mating list. Stock for sale with score cards. Fred Oertel, Brighton Ill., Box Z. 3-5-2

ROSE COMB RED eggs and day-old chicks, any quantity. Eggs \$1, setting, \$5, hundred. Chicks, \$15, hundred. George Howard, South Bound Brook, N. J. 3-5-2

SPRAGUE'S REDS, ROSE COMB EXCLUSIVELY. The best money and experience can produce. Eggs for hatching, one-third what others charge for same quality. Circular free. P. H. Sprague, Maywood, (near Chicago), Ill. 3-4-2

ROSE COMB REDS—Bean blood, deep, dark, lustrous red fowl of splendid shape and size. Winners at Allentown, Hagerstown, Paterson, Passaic, Ruthersford and elsewhere. Send for mating list. Chas. O. Hattersley, Box 13, Nutley, N. J. 1-3-2

REDS THAT STAY RED—**SINGLE COMB R. I. REDS,** prize winning stock. Eggs \$1, \$2, \$3 per setting of 15. R. Snowdens Thomas, Chestertown, Md. 1-3-2

ROSE COMB RHODE ISLAND REDS—best blood lines in country. Eggs for hatching. Prices very moderate. Send for catalogue. J. E. Mercer, Neversink, N. Y. 3-4-2

LESTER TOMPKINS STRAIN RHODE ISLAND REDS—Both combs. Winners at Philadelphia and Baltimore shows. Stock for sale. Eggs for hatching \$1.00 per fifteen, \$6.00 per hundred. Special prize mating in each comb, \$3.00 per fifteen. Write for mating list. J. M. Drumm, Mercersburg, Pa. 3-4-2

SWEZEY'S LAYING STRAIN S. C. "ROYAL REDS" won two firsts at Jamestown, N. Y. Eggs and chicks reasonable. Write for mating list. A. C. Swezey, Ashville, N. Y. 3-4-2

TOMPKINS' S. C. REDS, direct last year—15 eggs 90c, \$1.50, \$2.50. L. S. Hunter, Martinsville, Ohio. 3-4-2

RHODE ISLAND WHITES

PEERLESS RHODE ISLAND WHITES, world's greatest utility fowl. Winners at Chicago, St. Louis and Indianapolis. Write for catalogue. Carl D. McCarthy, Box W, Kempton, Indiana. 1-3-2

TURKEYS

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Plymouth Rocks. See our ad on page 469. Bird Bros., Meyersdale, Pa. tf

NEW TURKEY BOOK. Describes all varieties. Tells how to mate, hatch and rear, exhibit and judge Turkeys. Contains beautiful frontispiece showing Bronze Turkeys in natural colors and is fully illustrated. AMERICAN POULTRY WORLD, Buffalo, N. Y. tf

BRONZE TURKEYS, stock for sale. Fred Lawrence, Route 1, Hornell, N. Y. 3-3-2

MAMMOTH BRONZE TURKEYS, large, strong, vigorous stock and eggs for sale. Wm. Prosser, Shelbyville, Ill. 3-4-2

BOURBON RED TURKEY EGGS. We are booking orders for April delivery at 25 cents each, \$4.00 per 12. W. M. Kellar, Portville, N. Y. 3-4-2

FOR SALE—WHITE HOLLAND TURKEYS—Buy birds now. Splendid toms and hens from blue ribbon stock. Eggs after April 1st. \$3.50 for 9. Horace W. Macomber, No. Middleboro, Mass. 3-5-2

WYANDOTTES—BLACK

BLACK WYANDOTTE WINNERS. Stock and eggs. Geo. H. Boyd, 1255 Morse St., N. E., Washington, D. C. 14-9-2

BLACK WYANDOTTES—Boston, New York, Chicago, Cleveland winners. Howard Grant, Marshall, Mich. 3-4-2

WYANDOTTES—BUFF

"GOLDEN GLOW" STRAIN. 1st, 2nd, 3rd Madison Square winners head my breeding pens. Stock for sale. Theodore Hewke, Middletown, N. Y. 6-3-2

BUFF WYANDOTTES. First pen and special at Williamsport show. Eggs \$1.50, \$3, \$5 per 15. Splendid stock. Orders booked. W. E. Ritter, Williamsport, Pa. 4-5-2

CARPENTER'S BUFF WYANDOTTES have type and color. Three grand matings that will produce winners in any competition. Every pen headed by a bird of the strongest blood lines. Get our catalogue and mating list. Carpenter & Carpenter, East Randolph, New York. 3-4-2

2 ENTRIES MADISON SQUARE GARDEN, 1st cockerel, 3rd pullet. Buff Wyandottes bred to lay and do lay. Right shape—right color. Send for mating list of Bodwell Strain Buff Wyandottes. V. C. Bodwell, 31 Main St., Sanford, Me. 3-4-2

BUFF WYANDOTTES—winners of three firsts on three entries at Washington, 1912. Eggs from my best pens \$3 per 15. Reuben P. Hines, Jr., Rockville, Md. 3-5-2

WYANDOTTES—COLUMBIAN

COLUMBIAN WYANDOTTE Eggs \$2.00 per fifteen from high class birds, all from prize winners, great winter layers. A. Schaack, 605 Rohns Ave., Detroit, Mich. 3-5-2

COLUMBIAN WYANDOTTES. This space isn't enough to tell about them. Send for mating list. Floyd H. Stevens, Lacona, N. Y. 3-5-2

QUALITY COLUMBIAN WYANDOTTES foundation stock. America's best phenomenal layers as well as blue ribbon winners, first and second cockerels, third cock at International show, Buffalo, 1912, heading three grand pens. Eggs for hatching, stock for sale, prices right. Chas. Rogers, 21 Royal Ave., Buffalo, N. Y. 3-5-2

COLUMBIAN WYANDOTTES of quality. Heavy farm-raised, village bred birds of distinct Wyandotte type. Strong in color. Perfect wings a specialty. Hatching eggs from five special matings. Reliance Poultry, Canastota, N. Y. 3-5-2

WYANDOTTES—Partridge

PARTRIDGE WYANDOTTES for sale. 15 choice eggs, farm flock, \$1.25, 30-\$2.00. Select matings \$3.00 per 15, \$5.00 per 30. Ravine Poultry Farm, Almond, N. Y. 1-3-2

PARTRIDGE WYANDOTTES. Eggs \$2.00 for 15. Circular free giving show record. Wm. Shreve, Uhrichsville, Ohio. 3-5-2

WYANDOTTES—Silver Laced

JAMES M. HABEL, M. D., breeder of Silver Laced Wyandottes. Eggs in season. Jetersville, Va. 3-5-2

WYANDOTTES—Silver Penciled

SILVER PENCILED WYANDOTTES. Baker & Harwood's Boston Show winners. Eggs \$5.00 and \$3.00 per 15. Rev. T. W. Harwood, Pembroke, N. H. 2-4-2

WYANDOTTES—WHITE

DON'T MISS THIS CHANCE, nine pullets and cockerel \$25. Six hens \$3 each—(Fell Strain) beauties, satisfaction guaranteed. H. D. Martin, Route 8, Lebanon, Pa. 3-2-2

PERFECT WHITE WYANDOTTES, 13 eggs \$1. Ten other breeds. Catalogue free. Thompson Poultry Co., Bayshore, N. Y. 3-3-2

REGAL STRAIN WHITE WYANDOTTE EGGS for sale; fifteen, two dollars. A few settings at this price this year only, order early; also Columbian Wyandotte eggs. Harry Westley, Jersey Shore, Pa. 3-4-2

WHITE WYANDOTTES. We are now ready for your egg orders. We have mated birds scoring from 95½ to 96½ (by Thompson) (Sweepstake winners Mo. State Show, 1910). Eggs \$3.00 per 15. References, Germania Bank. Robinson & Kochan, Maysville, Mo. 3-4-2

"REGAL" WYANDOTTES—"DUSTON'S" Stay White! Eggs \$1.50; 100, \$6.00. Chicks 20c. Elwood Taylor, Berwyn, Md. 3-4-2

"PILLOTTE STRAIN" WHITE WYANDOTTES are winners and excellent winter layers. Farm raised, open front housed. Line bred 15 years for vigor, eggs and Standard points. Choice cockerels, early-hatched, vigorous, shapely and excellent breeders \$3, \$5, \$8, \$10. Eggs \$2, \$3 per 14. Pilotte Poultry Plant, Route 2, Colchester, Conn. 3-4-2

WHITE WYANDOTTES, Duston winners, Bridgeton, Vineland, Salem. Eggs \$1 and \$2. Guarantee 75 per cent. fertility and safe arrival. J. Stevenson, Salem, N. J. 3-4-2

BROOKSIDE WHITE WYANDOTTES, latest win: 1st cockerel, 3rd hen, 4th pullet, Cleveland show. Eggs still \$3.00 per 15. Chas. Phillips, Salem, Ohio. 1-3-2

RIGDON'S WHITE WYANDOTTES, great International show, Buffalo, Jan., 1912, I won first cockerel, second cock, second pullet, third hen, and silver cup special. My cockerel was the sensation of the White Wyandottes. Mating list and catalogue free. Write today. C. E. Rigdon, Arkport, N. Y. 1-3-2

SNOW DROP WHITE WYANDOTTES. Twenty years. Eggs from high scoring White, elegant stock, \$1.50 per setting. M. Huggett, Bellevue, Mich. 3-5-2

PRIZE WINNERS Regal Strain WHITE WYANDOTTE Eggs for sale. Write for prices. W. Sutherland, Bath, N. Y. 2-4-2

BAIN'S FAMOUS WHITE WYANDOTTES & BUFF ORPINGTONS. Eight years' experience. Try a setting at \$2 and \$3 and get one year's subscription free for the best poultry journal published. Subscription starts with order. Member White Wyandotte Club. Sylvester Bain, Moundsville, W. Va. 1-3-2

1600 pure Duston **WHITE WYANDOTTES.** Also eggs. Allen Sechrist, Port Trevorton, Pa. 1-3-2

OWEN STRAIN WHITE WYANDOTTES. eggs for hatching \$1.50 per 15. Valley Farm, Myricks, Mass. 3-5-2

SEVERAL FINE COCKERELS FOR SALE. Eggs, prize winning stock, \$2.00 15. Dixon Connolly, Baldwin, Md. 3-5-2

WYANDOTTES—Several Varieties

WYANDOTTE FARM—ALL VARIETIES. State Fair and State Show winners. Guarantee nine chicks to setting. Mating list free. E. J. Reed, Oblong, Ill. 1-3-2

SEVERAL BREEDS

64 VARIETIES Poultry, Hares, Eggs and stock for sale reasonable. Catalog and show record free. H. D. Roth, Box B, Souderton, Pa. 5-3-2

Winners Crystal Palace, Dairy, American Shows; **BUFF, BLACK, WHITE ORPINGTONS, INDIAN RUNNER DUCKS.** Eggs direct from England \$5.00 setting. Expressage prepaid. Send immediately for particulars. Charles Fraser, Marlton, New Jersey. 3-4-2

PRIZE WINNING DUCKS at Pittsburgh show, Jan., 1912. **BUFF ORPINGTONS** 1st pen; **PURE WHITE RUNNERS** 1st pen; **ANCONAS DUCKS** 1st pen. **FAWN and WHITE RUNNER DUCKS**, 1-2 cockerel, 1-2 pullet, 1st pen; **CRESTED WHITES**, 1-2 cockerel, 1-2 pullet, 1st pen. None better, few as good, let us book your egg orders. J. H. Lewis & Sons, R. F. D. No. 2, Cadiz, Ohio. 3-4-2

WHITE ROCKS and WHITE WYANDOTTES, 3 cockerels, 5 pullet, last Madison Square show. At Brockton Fair, 1-3 cockerel, 3 cock, 1-2-3 pullet, 2-3 hen, \$5 gold special three years in succession, 3 cockerel Boston, 1912. Eggs \$5 per set. C. W. Pratt, North Abington, Mass. 2-3-2

100 THOROUGHbred SINGLE COMB RED yearling hens, \$1.00; pullets \$2.00. Indian Runner Duck eggs, \$1.00 per 13. Mrs. J. P. Jacobson, Boelus, Nebr. 3-3-2

90 VAR'S, ALL BREEDS, choice Poultry, Pigeons, Dogs, Hares, Parrots, etc., list free. Complete colored description 60 page book 10c. J. A. Bergey, Box 53, Telford, Pa. 4-4-2

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FOR SALE: Fawn and White Indian Runner Ducks, Kellerstrass White Orpington Cockerels. Eggs in season. Wilbert Thurston, Letts, Ind. 4-4-2

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EGGS—\$1 per 15, \$2 per 40, thoroughbred **BRAHMAS, ROCKS, WYANDOTTES, REDS, MINORCAS, LEGHORNS, HAMBURGS.** Also **HOUDANS, WHITE ORPINGTONS**, 19 varieties. Catalogue. 29 years' experience. S. K. Mohr, Box I, Coopersburg, Pa. 4-5-2

WHITE WYANDOTTES AND WHITE INDIAN RUNNER DUCKS a specialty, send for list. H. C. Rathgeber, Girard, Ill. 3-4-2

FOR SALE—Eggs for setting. Single Comb Rhode Island Reds and Barred Plymouth Rocks, \$1.00 per 13, also Toulouse Geese, five eggs for \$1.50. Mrs. I. L. Roberts, LaCrosse, Wis., R. No. 3, Bluff View Poultry Farm. 3-5-2

ROYALTON FARMS. Eggs and baby chicks, **White Rocks, Anconas and Wyandottes.** Illustrated mating list free. Canandaigua, N. Y. 3-5-2

CRYSTAL WHITES; White Rocks, White Wyandottes, White Leghorns. Vigorous males, selected laying hens. Fifteen eggs one dollar and fifty cents. Express paid. Rev. L. L. Harris, Greenland, N. H. 1-3-2

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LIVE AND LET LIVE PRICES. Hens that lay are hens that pay, I have them. Single and Rose Comb Rhode Island Reds, White and Black Orpingtons, Barred Plymouth Rocks. Fifteen eggs one dollar. B. D. Barnes, Brookside Poultry Farm, Waverly, N. Y. 3-5-2

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PRIZE WINNING WHITE ROCKS and PARTRIDGE WYANDOTTES, scoring from 91 to 94 by Bonfoey. Eggs \$2 to \$5 per fifteen. Send for mating list. Mrs. Wm. R. Congdon, Wickford, R. I. 1-3-2

GRAND LAYERS. Best Blood, setting of eggs. **HAWKIN'S COLUMBIAN WYANDOTTES** \$2.50, Wyckoff's White Leghorns, \$1.50. Poquessing Poultry Place, Torresdale, Pa. 3-5-2

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MILES BROTHERS' BABY CHICKS with vim and vigor, 15 to 50 cents each. Safe delivery guaranteed. Eggs \$6 to \$20 per 100, \$1.25 to \$5 per 15. Bred to lay trap-nested S. C. Rhode Island Reds and Kellerstrass Crystal White Orpingtons, all descendants of his best matings a specialty. Forestview Poultry Farm, Miles Bros., R. D. 2, Saint Johnsville, N. Y. 3-4-2

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DAY OLD CHICKS and Eggs from White and Barred Rocks and R. C. R. Reds. J. E. Brocklehurst, Mercer, Pa. 3-3-2

FOR SALE—BABY CHICKS. vigorous and strong: Buff Plymouth Rocks, 30 dollars 100; Buff Wyandottes, 30 dollars 100; White Plymouth Rocks, 25 dollars 100; White Wyandottes, 25 dollars 100; Black Minorcas, 25 dollars 100; S. C. White Leghorns, 20 dollars 100. Eggs for hatching, 5 and 8 dollars a setting. Ch. P. Hatch, Plumbeach Farm, Port Washington, L. I. 8-7-2

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50,000 BARRED ROCK BABY CHICKS. Also Single Comb White and Brown Leghorns from best heavy laying strains. New Mammoth Incubator installed, get the hatched right kind, and get my fine new catalogue which explains how I sell thousands of chicks at a reasonable price and giving a discount for early orders. R. H. Loveland, Lamar, Penna. 1-3-2

WHITE LEGHORN eggs and day-old chicks. Eggs, \$1 setting, \$5, hundred. Chicks, \$15 hundred. George Howard, South Bound Brook, N. J. 3-5-2

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BABY CHICKS—the kind that live from Single Comb White, Brown and Rose Comb Buff Leghorns, White Wyandottes and Rose Comb Reds. \$10.00 and \$12.00 per 100. Order now. White Creek Hatchery, West Rupert, Vt. 3-5-2

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BABY CHICKS from winners at Chicago, Cleveland, New York, Boston, Rocks, Reds, Orpingtons, Leghorns, Minorcas, Wyandottes, Indian Runner Ducks. Egg record 280. Safe arrival and satisfaction guaranteed. Best **FIRELESS BROODERS** in the world for \$1 \$2 and \$3 each. Best references and testimonials. Inland Hatchery, Attica, Ohio. 1-3-2

WHITE LEGHORN BABY CHICKS, bred from mature hens, with heavy winter laying records. Hatched in Mammoth Incubator. Averaged 65 per cent. pullets, past 4 years. Our chicks make good, satisfaction guaranteed. Circular free. H. L. Hamilton, Huntington, N. Y. 1-3-2

BELGIAN HARES

BELGIAN HARES—We would make liberal arrangements with parties owning small farms to raise Belgian Hares. We will buy all you produce. Address Manager Pope, 210 W 56th St., New York City. 6-8-2

MISCELLANEOUS

NEW JERSEY FARMS, SALE, RENT, EXCHANGE, Illustrated catalogue, price 10c. Paul F. Williams, National Bank Bldg., New Brunswick, N. J. 6-5-2

BULLETIN ON "BALANCED RATION" absolutely free; tells how to compound at home, most economical and healthful mashes, chick foods, scratch foods. Drop postal giving your dealer's name and address, to Henola Food Co., Box 405-W, Newark, N. J. 12-9-2

EXTENSIVE CATALOGUE FREE—Fine poultry, Geese, Ducks, Turkeys, Guineaes, Hares, Dogs, Pigeons, Stock, Eggs; reasonable; guaranteed. Pioneer Farm, Telford, Pa. 4-5-2

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PROF. JOHN EVANS' REMEDIES for Roup, Rattling in the Throat, Canker, Chicken Pox, Scaly Legs and Frozen Combs, it has no equal. Our Scaly Leg Ointment will make rough scaly legs smooth and yellow, in from three to six days. 50 cents and \$1.00 per box. Cranston, R. I. 12-12-2

BUILD your own chicken houses and save money. Blue prints, colony and compartment houses, one dollar. Mid Oaks Poultry Farm, Frederick's Hall, Va. 3-3-2

WANTED all your surplus Guinea Pigs, Hares and Full grown Rabbits. William Adler, 285 Graham Avenue, Brooklyn, N. Y. 3-2-2

TEXAS GULF COAST FIG ORANGE ORCHARD pays for itself in four years. Ideal climate and place to live. Best social advantages. Fine combination with poultry. Good markets. Postal will bring you booklet giving full particulars. J. Hart Welch, Box W, Douglaston, Long Island. 3-3-2

FOR SALE—The only private family trade commercial poultry plant in city of 50,000, 16 lots, modern residence, two water lines. Houses for 800 head. Other business reason for selling. McCoy, 3101 Cascade, Pueblo, Colo. 3-5-2

CHAMPION STRAIN, stock for sale. Eggs from prize matings, also baby chicks. Prices reasonable and satisfaction guaranteed. Write your wants. H. A. Garrett, Shiloh, Ohio. 1-3-2

BEST VALUES IN HATCHING EGGS offered by any Columbian breeder. Firsts at Washington and Maryland State Fair. Circular. Miller strain. Novova Farm, Silver Spring, Md. 1-3-2

SEND TEN CENTS and get a fifty cent package of **WONDER ROUP CURE.** New discovery. Blatz, Boyd Street, Stapleton, N. Y. 1-3-2

A NEW SYSTEM OF ARTIFICIAL BROODING

Everyone who has raised chicks artificially knows that the losses are many and the tendency has been to say "It can't be helped as long as we cannot follow nature closer." We have also noticed that despite the fact that brooder chicks had grit, charcoal and water before them and their little crops were almost bursting with food, they would run around and keep up a constant "peep, peep" as though there was still something lacking. What was it? Many poultrymen have asked themselves. No doubt it was the nice soft downy spot like under the "biddy" mother hen. It was this thought which caused the Perfection Feather Brooder Work, Blue Island Ave., Chicago, to invent and build their Perfection Feather Brooder. All experienced poultry raisers who have seen their device admit that they have solved the problem and are prone to remark, Why did not someone think of this before? They have invented a brooder which has suspended in the hover department a series of small cone-shaped feather tufts, which permit the chicks to roam around at will and at the same time have the best ventilation. The manufacturers claim that they can with this brooder raise every livable chick. Who knows but that the function of the feathers on the mother hen is not to brush the down of the little chick and start the young feathers? If nature had such a purpose these people have solved the problem, and their wonderful results would seem to lend support to this theory. Those of our readers who have to depend upon artificial methods would do well to investigate the Perfection Feather Brooder.

S. C. BUFF LEGHORN WINNINGS

Humbach Poultry Farm, Hamilton, Ohio, J. E. Humbach, proprietor, breeding S. C. Buff Leghorns exclusively, made a remarkable record for winnings at the big Dayton, Ohio, Show, January 1 to 6, 1912, winning 1st cock, 1st, 2d, 3d and 4th cockerel, 1st, 2d, 3d and 4th hen, 1st, 2d, 3d, 4th and 5th pullet, 1st and 2d pen and the A. P. A. medal and all special ribbons from the Buff Leghorn Club of America, besides all specials offered by the association for the highest scoring cockerel in the entire show.

At the big Cincinnati Show, January 8 to 15, 1912, he won 1st cock, 3d and 4th cockerel, 2d and 3d hen, 1st and 2d pullet and 2d pen. Mr. Humbach is matings up 20 pens of the grandest birds he has ever owned to take care of the egg and day-old chick trade. With a capacity of 50,000 chicks for the coming season he is in position to fill orders more promptly and more satisfactorily than most breeders with smaller plants. See his ad. in this issue and send for his big free catalog and mating list, describing the twenty breeding yards, their care and everything of interest as carried on by experienced attendants on this farm. Address Humbach Poultry Farm, R. R. No. 19, Hamilton, Ohio.

JAMES H. STAIR, AKRON, OHIO

Single Comb Black Orpingtons are rapidly becoming one of our most popular varieties. This fact was established by the great increase in the number of birds in this class at all the more important shows the past season. Especially strong was the S. C. Black Orpington class at the Cleveland, Ohio, show, 1911. At this show James H. Stair, of Akron, Ohio, won 1st pen, 1st cockerel, 1st hen, 2d pullet—no cock bird entered. This winning proves the merit of Stair's Black Orpingtons much better than any description which might be written. Previous to this show they had won 2d hen and 5th cock at Cleveland, 1910; 1st hen and 2d cock, on two entries, at Akron, 1910; 1st pen, 1-2 hen, 1 pullet and 2d cockerel at Akron fair, October, 1910. All these winners are included in Mr. Stair's matings for 1911. If you are looking for winners don't fail to secure some eggs for hatching from these grand yards. Mr. Stair's prices are reasonable and he will use you right. See his ad.

FOR SALE—30 Universal Hovers with regulator complete, made by Prairie State Incubator Co., used season of 1911, good as new. W. H. Schrom, Berwyn, Md. 2-4-2

AUTOMOBILE, White Steamer, touring, to trade for one thousand White Leghorn chicks. Box 248, North Diamond Station, Pittsburgh, Pa. 1-3-2

EXCHANGE—for Jubilee, Black or White Orpingtons, pair or trio, equal value \$10. Alto horn \$6 Printing press. Box 135, Terryville, Conn. 1-3-2

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A YOUNG SINGLE MAN wishes employment on a poultry farm. Have had a little experience. Can accept position at once. Frank Brereton, Stonewall, Man. 1-3-2

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PRINTING for Poultrymen, fine cuts used, samples free, mention your breed. W. A. Bode, Fairhaven, Pa. 12-12-2

GEO. P. DEARBORN, BLAIRSTOWN, NEW JERSEY

We are informed by Geo. P. Dearborn, Blairstown, N. J., breeder of S. C. R. I. Reds, that he is making extensive additions to his plant so as to be in a position to cope with his rapidly increasing business. He is just completing a stock house 14 feet by 210 feet, and expects to add another 180x14 feet, and a breeding house 12x48 feet. Mr. Dearborn expects to keep a stock of 1000 S. C. R. I. Reds and hopes to be in a position in the near future to take care of any orders no matter how large or small. He has four pens of selected birds mated for the coming season from which he will sell a limited number of eggs for \$5.00 per 15. He also has several other pens that contain birds of good quality from which eggs will be sold at \$2.00 per 15, or \$10.00 per 100. Breeders interested in this variety should write Mr. Dearborn for further particulars.

WOLVERINE WHITE ROCKS

We are informed by Lyman H. Hill, breeder of Wolverine Strain White Plymouth Rocks, Jackson, Michigan, that he was very successful at the recent poultry exhibition held by the local association.

His winnings were as follows: 1st, 2nd cock; 1st, 2nd, 3rd cockerel; 3rd, 4th hen; 1st, 2nd, 4th pullet; 1st pen. At Cleveland, Ohio, in a strong class, Mr. Hill's birds won 1st cock; 1st cockerel; 3rd pullet and 3rd pen.

Too late to Classify

GOLDEN WYANDOTTES—Blue Ribbon Winners at St. Marys and Parkersburg. At Pittsburgh (Feb. show) won 1, 2, 3 pullets and 1 cockerel on 4 entries. Eggs from these winners \$4.00 per 15; from extra fine utility matings \$1.50 per 15. McCollum & West, St. Marys, W. Va. 1-3-2

CRYSTAL WHITE ORPINGTONS; Stock is from \$500.00 Kellerstrass Pen, \$30.00 matings have type, color, size. Pullets weighing 9 lbs. Eggs \$10.00 per 15. Few utility cockerels \$5.00 each. J. W. Clarke, Almond, N. Y. 1-3-2

YOUNG'S STRAIN S. C. W. LEGHORNS, unexcelled layers. Eggs for hatching utility stock \$2.00, exhibition stock \$3.00 per 15. Dan Hall, Chestnut Ave., Dansville, N. Y. 3-5-2

GABEL BROS., GOLDEN FAWN INDIAN RUNNERS, first Madison Square Garden. The care of ducklings, free. Morristown, New Jersey. 1-3-2

BUFF WYANDOTTES pure Lord strain. Winners wherever shown. Pen No. 2 eggs \$3.00 per 15, utility eggs \$5.00 per hundred. S. J. Wiley, Fawn Grove, Pa. 3-5-2

NOTICE RHODE ISLAND RED breeders. Having many calls for cross of Rhode Island Reds with Game Fowl, am breeding pen single, pen Rose Combs with Red Game cocks. Eggs \$3.00 per 15. Young stock 3 months old, cockerels \$1.50, pullets \$1.00, delivered in July. Major M. Richards, Parish, N. Y. 3-5-2

WHITE LANGSHANS, won at Toledo, Ohio, 1-2-3 cockerels, 1-2 hens, 1-2-3-4 pullets. Eggs \$3.00 per 15, \$5 per 30. L. C. Stevens, Swanton, Ohio. 3-5-2

QUALITY WHITE CRESTED BLACK POLISH. Large, full crests, strong in shape and color. Winners Boston, Chicago, Cleveland. 23 years a specialty. Eggs \$3.00. G. Uher, E. Cleveland, Ohio. 3-5-2

SCRANTON REDS

To win a blue ribbon in the Single Comb Rhode Island Red class at a big show is an achievement, to win all five blue ribbons a climax that every breeder hopes for, but seldom realizes. It remained for B. H. Scranton, Rising Sun, Indiana, to reach the climax at the Chicago Show (December, 1911), where he won all the first prizes in the single classes and also captured the blue ribbon with a great pen of birds, besides winning all color and shape specials and the grand trophy cup for best display, also \$50.00 cup offered by the Rhode Island Club of America. His first prize cockerel won both color and shape specials against forty cockerels and nineteen cock birds. His first prize hen was the sensation of the show, winning color and shape special in a class of forty-three pullets and twenty hens. The records made at other leading western shows by Scranton's Reds are equally remarkable. A careful perusal of his new 1912 catalog will benefit all breeders of Rhode Island Reds.

ONLYA FARM, MORRISTOWN, N. J.

Readers who are interested in White Wyandottes should send to Onlya Farm, Morristown, N. J., for a copy of their mating list. Onlya Farm White Wyandottes are leaders as is proven by their records at leading shows, including Madison Square Garden, Grand Central Palace and other leading exhibitions. Manager Chas. Staaff reports that their early eggs show great fertility, which he believes will insure good hatches and strong chicks during the hatching season. They have some choice stock, including some extra fine male birds, still for disposal and those who are in need will do well to write them for prices and description. Address them as above and mention AMERICAN POULTRY WORLD.

ROBERT ESSEX INCUBATOR CO. CATALOG

The 1912 catalog of the Robert Essex Incubator Company is a model one in many respects. But inasmuch as Bob Essex builds "Model Incubators", he believes also in getting out model catalogs. The merits of the Essex Model Standard incubators and brooders are described in plain, convincing language, the colored illustrations are made direct from the machines themselves by the photographic process and shows the incubators and brooders as they really are. The word descriptions of the machines will also be found extremely clear and give intending purchasers a correct idea of what they are buying. A number of pages are devoted to testimonials from successful operators of the Essex Model Incubators and the results obtained in many instances are remarkable, fine hatches being recorded in different parts of the United States under all sorts of climatic conditions. Besides incubators and brooders the Robert Essex Incubator Co. handle a large and select line of poultry appliances, foods and specifics.

In addition to being a catalog of manufacturers, Bob Essex has endeavored to give poultry keepers and prospective poultry keepers the best information he could in the small space available by writing five chapters upon the following subjects connected with the poultry business:

Chapter I.—"A Woman Fancier's Poultry House."

Chapter II.—"When You Start—Start Right."

Chapter III.—"How Money is Made from Standard-bred and Show Birds."

Chapter IV.—"A Low Cost Farm Poultry House."

Chapter V.—"How to Get More Profit from Hens."

This handsome catalog should be in the hands of every progressive poultryman. It will be sent free to readers of A. P. W. who will send their name and address to Robert Essex Incubator Company, 13 Henry St., Buffalo, N. Y.

DUN ALPIN FARM, EAST HAMPTON, L. I., NEW YORK

The exceptional winnings of Dun Alpin's Poultry Farm at the Grand Central Palace, New York and Boston show places, their Single Comb White Leghorns and Single Comb White Orpingtons among the leaders. At the Grand Central Palace show held in December, 1911, they won on Single Comb White Leghorns 1-3-4-5 cock; 1-3-4-5 hen; 2-3-4 cockerel; 2 pullet; 1-2 pen, medal for best bird in the Mediterranean class, three silver cups and 14 other specials. On Single Comb White Orpingtons 1-2 cock; 3-5 hen; 1-2-4 cockerel; 1 pullet; 2-3 pen and all specials offered. At the Boston show held January, 1912, on Single Comb White Leghorns they won 1st cock; 1st hen; 1st and 3rd cockerel; 4th pullet; 1st pen and 12 specials. On Single Comb White Orpingtons 1st cock; 1st and 3rd hen; 1-2 cockerel; 1-5 pullet; 3rd pen and all shape and color specials and silver cup for best Orpington, any variety hatched 1911. An interesting mating list has been published and will be sent to those who are interested in either of these two varieties. Anyone desiring first-class eggs for hatching should send for a copy. Address Dun Alpin Poultry Farm, East Hampton, L. I., N. Y.

WOODARD'S REDS

Thousands of first class Rhode Island Reds are annually produced in the State of Massachusetts and many a now famous strain of Reds in other states owes its foundation blood to the Reds bred in the old Bay State. Among the successful breeders of Reds in the latter is F. E. Woodard, proprietor of the Magneta Poultry Farm, East Longmeadow, Massachusetts, whose efforts to hold the color of his hens have met with gratifying success. Mr. Woodard's Reds are raised on a 60 acre farm and enjoy the free range, which adds greatly to health and vigor. Send to Magneta Poultry Farm, East Longmeadow, Massachusetts for price list.

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Midlothian Farms, Box 300, Tinley Park, Ill., John G. Poormank, Manager, advertise "the largest practical White Orpington Farm in America." The foundation of Midlothian Strain S. C. White Orpingtons was the first prize pen of the Great Chicago Show, by careful selection and breeding. They are offering eggs from 20 special matings. These are described in their mating list, copy of which can be obtained free. They charge 25 cents for their handsomely illustrated catalogue, this amount being allowed on every first order. The catalogue described in detail the care of fowls and methods of feeding that have made Midlothian White Orpingtons well known throughout the country. It is instructive from cover to cover and well worth what they ask for it. In writing please mention AMERICAN POULTRY WORLD.

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S. C. R. I. Reds

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BOX 404

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Set new records at Cleveland and Boston 1912 shows. At Cleveland they win all five (5) first prizes and all specials. They also win at New York, Chicago and Boston. They are of the Golden Buff kind carefully bred for 16 years. Write me today.

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Girard, Pa.

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FAIRVIEW FARMS CO.,

Robert Herman, Mgr.,

ORCHARD PARK, N. Y.

MENTION AMERICAN POULTRY WORLD WHEN WRITING ADVERTISERS. READ GUARANTEE PAGE 2 COVER.



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Set the Seal of Championship at the Imperial Show of All America—Madison Square Garden New York, winter of 1910-1911, winning as follows:

1st and 5th Prizes on Cocks, 1st and 3rd on Cockerels, 1st and 2nd on Exhibition Pens, the Imperial Prize of the Show, Special for Champion Male; Diploma presented by the American Poultry Association for best Cockerel; special for four best Cockerels; Sterling Silver Sweepstakes Cup for best Plymouth Rock hatched in 1910, male or female, and variety; Challenge Silver Cup for best Exhibition Pen, won for third time and final Ownership; special for best Pen mated to produce Exhibition Cockerels; special for best colored Male; special for best shaped Male; \$25 special prize presented by the New York Show for finest display. Three times as many first prizes as any competitor. More first prizes than all competitors combined. All Silver Cups and Cash Specials.

My exhibit was one of the wonders of the show, every bird wearing the matchless "Ringlet" barring.

My three first prize males stood out like stars.
My first prize Champion Cockerel is the finest of all time.

This New Championship record stands monumental above all other records—an achievement far and beyond anything ever hitherto accomplished by any Barred Rock breeder since the New York show was founded.

Furthermore, every Silver Trophy that has ever been offered on Barred Rocks at Madison Square Garden to be won three times has been finally won by me and is now my absolute property. These include the \$100 Challenge Trophy and the \$100 Association Cup.

For more than 20 years at New York my "Ringlet" victories have been complete. The "Ringlet" record of first on EXHIBITION PEN three years in succession is the undisputed Champion. My Clean Sweep of 1st, 2nd, 3rd, 4th and 5th Prizes on Pullets has never been approached in Madison Square Garden and stands alone and unequalled.

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