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FEBRUARY, 1912

Vol. III

No. 4

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PROGRESS

ECONOMY

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AMERICAN POULTRY WORLD

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AMERICAN POULTRY PUBLISHING
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SUBSCRIPTIONS

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The AMERICAN POULTRY WORLD is discontinued at the completion of the subscription term by order of the postal authorities. This notice will be marked with a blue X when your subscription has expired. We solicit a prompt renewal. Please do not delay.

40,000 COPIES PER MONTH

It is positively guaranteed that during the year ending April, 1912, the AMERICAN POULTRY WORLD will circulate an average of forty thousand (40,000) copies per month. All advertising contracts are based on this circulation.

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We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the AMERICAN POULTRY WORLD, providing the subscriber when ordering the fowls or merchandise, states that the advertisement was seen in the AMERICAN POULTRY WORLD, and places the order during the month or months in which the advertisement appears in our columns and promptly notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars.

American Poultry Publishing Company

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45,000 FOR FEBRUARY, 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-five thousand (45,000) copies of the February, 1912, number of the AMERICAN POULTRY WORLD.

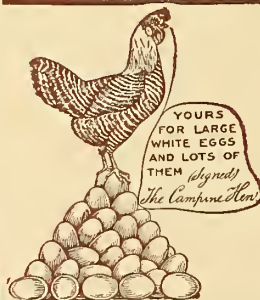
E. D. CORSON,
C. B. KOON, Commissioner of Deeds.

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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



"America's most progressive poultry publication" is a phrase that we take pride in using in connection with AMERICAN POULTRY WORLD. We were not lead to adopt this phrase through any selfish motives, but because of the many flattering expressions of our readers from all parts of the country, and we would be keeping well within our rights, by saying all parts of the world. Many subscribers in foreign countries having complimented us highly on the merits of A. P. W. As a sample of these we will quote from a letter of R. Hellens, England, who states: "I think AMERICAN POULTRY WORLD is as nice a poultry paper as I ever had in my hands. If the other numbers are equal to No. 1, Vol. III, it will still be a long way ahead of '————', which I have read for years".

We value these compliments exceedingly. They give us the assurance that our efforts to make AMERICAN POULTRY WORLD the most interesting, the most helpful and inspiring—"the world's most progressive poultry publication"—have been successful.

This issue, like preceding ones, is filled to overflowing with articles that are both inspiring and instructive and they cover a variety of topics that are timely at this season.

Attention is directed to the initial article in this issue by F. W. Proctor entitled, "Sex Difference in Barred Rock Color". Mr. Proctor is an interesting writer and has given much thought and study to the scientific side of poultry raising. This article will be found intensely interesting and highly valuable to those who are striving to produce the ideal in Barred Plymouth Rocks.

"The White Wyandottes as a Utility Fowl" is a subject that is capably handled by F. H. Wood. His statements are based upon long experience as a breeder of this popular variety.

F. C. Gabriel writes interestingly upon "The Two Hundred Egg Hen" and gives many points that should prove valuable to those who are striving to develop a strain of heavy layers.

The many excellent features of the Indian Runner Duck are commented upon by Mrs. Andrew Brooks. She also makes some plain statements in regard to the English and American Standard Runners.

A timely and interesting article is furnished by R. C. Caldwell upon "The Day Old Chick" and contains a fund of valuable information gathered from practical experience by Mr. Caldwell, who conducts a very extensive day old chick business. This article should be of great value to those who contemplate a venture in this direction. Many other interesting and instructive articles will be found in this issue together with reports of many poultry exhibitions held during the past month.

Our subscription campaign has been exceptionally successful and thousands of new readers have been added during the past few months. A large majority of these will become buyers of poultry or eggs for hatching for the first time. We wish to call the attention of these prospective buyers to our guarantee on the opposite page, column one. We exercise the utmost care in regard to the responsibility of our advertisers and we confidently believe each and every one to be a man of honor and one who will fulfill his every promise. Therefore, we protect our readers against any loss in this direction, if the conditions of our guarantee are complied with.

A department in this publication that our readers have not made the use of that we should be pleased to have them is the Experience Exchange. In this department each one is given the opportunity to tell of their experiences in connection with poultry raising. These experiences are very interesting and are valuable to those just starting in the poultry business, as they are given the benefit of the experiences of others and oftentimes prevented from making the discouraging mistakes that are frequently made by beginners.

Two of the most helpful books for poultrymen for this season of the year are Artificial Incubation and Brooding and The Chick Book. Artificial Incubation and Brooding will prove most helpful to the poultry breeder who is looking for information on the hatching and brooding of chicks. It consists of 96 pages, 8½x11, contains chapters on incubation by various authorities, tells how to produce strong fertile eggs, contains attractive illustrations showing incubator, also brooding houses and many other articles by successful poultrymen that should prove helpful and benefit and interest the experienced poultryman as well as the beginner.

The Chick Book consists of 80 pages, 8½x11, contains articles on the care of chicks from the time they are hatched until maturity, tells what and when to feed, shows various styles of brood coops and brooder houses and much other interesting and instructive information. These books sell for 50 cents each. Either included with a year's subscription to AMERICAN POULTRY WORLD for 75 cents, or both books and AMERICAN POULTRY WORLD for one year for \$1.25.

HISTORY REPEATED

In the strongest class of Buff Leghorns ever brought together in this country, we win for the

Fourth Consecutive Year

First Pen, also First and Third Cockerel and Specials.

In White Leghorns—Fourth Pen and Sixth Pullet, Silver Cup and Cash Specials. 3000 breeders mated for the coming season. Send for our 1912 catalog and mating list which will be out February 1st.

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

Address,

Monmouth Poultry Farms,

J. COURTNEY PUNDERFORD, Owner.

Freneau, Mon. Co., N. J.

R. T. DODDS, Supt.



BUFF PLYMOUTH ROCKS

THE QUALITY KIND

Young Stock daily rounding into form to win for my customers at any show. Have sold all my surplus breeders and in fact stay sold up on exhibition stock.

THOS. B. ELLIOTT,

Wellston Station C,

ST. LOUIS, MISSOURI

20 Page Handsome Catalog Free.

Life Member American Poultry Association.

Secretary-Treasurer Buff Rock Club

BLACK

CONGO ORPINGTONS

WHITE

GILBERT & MOORE

None better or more consistent winners. They won against all comers at the great Philadelphia show. Their record at the last one is **Blacks**—1st cock, 1, 2 hen, 2, 4 cockerel, 1, 4 pullet, and first pen. **Whites**—4 pen, 2 cockerel and 1 cock. In Blacks our first cock admitted the best Black of the season, won special for best cock in the English classes and best cock in the show, association cup for best display, also winning for second time and final ownership cup for Champion Black Orpington Breeder of Pennsylvania. Our strain is hardy, quick growers and American bred. Choice stock for sale. Eggs for hatching a specialty. Orpington catalogue for the asking. Address **F. E. GILBERT, LANSDOWNE, PA.**

BLINK BONNIE POULTRY FARM

Our specialty is Standard Bred *S. C. White Leghorns* that, in addition to show room requirements, have vitality, mature rapidly and are prolific egg producers. *S. C. White Leghorns will make more profit for the average poultry breeder than any other fowl on earth*, because they are in greater demand than any other variety. It costs less to keep them, they lay more eggs, and their eggs bring higher prices than any other kind (see page 112, Dec. A. P. W.) *Blink Bonnie S. C. White Leghorns* have been tried and not found wanting; both as money makers for the utility poultry breeder and in the show room. At two leading shows this season we won as follows:—

BETHLEHAM, PA.

ALLENTOWN, PA.

1-2 Cock, 1-5 Cockerel, 1-2 Hen, 1-2 Pullet, 1-2 Pen.
Specials for best Cock in show (all varieties competing),
best Cock, Hen, Cockerel, and pullet in show (all varieties competing), Silver Cup for best Display.

2-3 Cock, 1-2 Cockerel, 1-2 Hen, 1 Pullet, 1 Pen.
Special for best Hen in show (all varieties competing),
Silver Cup for best display, and Cup for best Cockerel.

We also breed Scotch Collies with the best blood lines in existence. Our animals are sable and white and especially noted for their long fine coats and great stamnia at stud.
Wellesbourne arrow. (A. K. C. 153026)

We have selected seven hundred (700) of our very choicest females for this season's breeding pens, and are now booking orders for day-old chicks and eggs for hatching. Whether you intend to buy or not, it will pay you to send for our printed matter. It contains interesting and valuable information.

BLINK BONNIE POULTRY FARM,

Robt. M. Heine, Prop.,

BATH, PA.

Tompkins' World Champion SINGLE AND ROSE COMB Rhode Island Reds

Again show their overwhelming superiority as the **World's Leading Strain of Single and Rose Comb Rhode Island Reds**. At the last **Madison Square Garden Show** they were awarded the **Association Special for Best Display of Single Comb Reds**. They also won the **\$50.00 Cup** offered by the Rhode Island Red Club of America for **Best Cock, Hen, Cockerel, Pullet and Pen**. This record at **America's Greatest Show** makes them the

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.

LESTER TOMPKINS,

Box W,

CONCORD, MASS.

SIBLEY'S R. C. RHODE ISLAND REDS

(BIRDS OF KNOWN BLOOD LINES)



To-pen-a-bee

Largest prize winners at Chicago, 1906-7-8-9-10-11. In competition with most prominent breeders from the east and west.

At Chicago show December 1911, We won 1st Old Pen, 4th Young Pen, 1st Hen, 2nd Cock, 5th Cockerel. Every bird exhibited by us, was raised by us, on our own yards and from eggs from our own Pens. Our mating circular will be sent on request.



Miss Red Bird

IRVING A. & FRANK C. SIBLEY,

Box A,

SOUTH BEND, IND.



130 EGG Mankato Incubator \$7.25

This reliable, high grade and safe hatcher is now better than ever and down to bed-rock price.

It is built of the best material, has three thicknesses of walls, top and bottom, all covered with asbestos and heavy galvanized iron. Heavy copper hot water tank and boiler, metal safety lamp, high nursery, metal legs, tested thermometer, etc. Our heating system and specially constructed case makes it easiest to heat, and surest to keep at right temperature. Use about one-half the usual amount oil. You can hatch successfully in winter, when most others are out of commission, as well as summer. So simple a child can operate. A few moments mornings and evenings is all the time required. The self regulator takes care of the temperature automatically. It is the hatcher with a record for both the beginner and old-timer. It is of good design, especially well constructed for long service and is shipped complete, ready for use.

SAVE HALF ON YOUR INCUBATOR

Our large out-put, with low factory cost, and selling direct to the user—cutting out all middle profits—enable us to make the above low price on this high-grade machine. The MANKATO is sold under a binding guarantee and long term trial. We stand back of every machine. We have the largest Incubator factory in the Northwest and our 17 years of practical experience raising poultry, building and operating Incubators, is an additional guarantee of the "Best Incubator Made." The MANKATO is the one high grade hatcher that's sold at a price for the rank-and-file poultry raisers. You pay for results, not highly polished wood and brass buttons. Send for big free book today.

MANKATO INCUBATOR CO., BOX 869, MANKATO, MINN.

FREE! Our Big Catalog and Poultry Book. It gives much valuable information and shows the why of our prices. *Get this book before buying an incubator.*



BRADY'S

WHITE ORPINGTONS

HEALTH
VIGOR
VITALITY
EARLY
MATURITY

PURE COLOR
COMBINED
WITH
CORRECT
TYPE

are of proven quality and productiveness. At the great shows, including Cleveland, Pittsburg and Philadelphia, they won for me. At other shows in all parts of the land, they won for my customers. I HAVE BETTER QUALITY THAN EVER, hence they are going to win again for me, and for my customers as well.

I HAVE 2,000 YOUNG BIRDS WHOSE SIRES AND DAMS REPRESENT THE STRONGEST BLOOD LINES IN ENGLAND AND AMERICA from which to select birds for show or breeding purposes. Your order will have my personal attention and the greatest care will be exercised in selecting birds to fit perfectly each customer's requirement.

GET THE BEST

This is the advice of poultrymen who have made a success of the business. From poor stock and weak blood lines you can never become successful. I have hundreds of grand birds, weighing from 6 to 7 pounds and over—all bred from the best blood lines in the world. MY CRYSTAL QUALITY IS NO EXPERIMENT—they are tried and true. And now this grand quality is offered at prices within reach of the masses of the people. Write and tell me just what you need, and I will quote you the price.

THE WHITE ORPINGTON FARM

J. S. Brady, Proprietor,

Box W,

PARKER'S LANDING, PA.

At The Largest Show Ever Held In The Southland

Where Hundreds of Birds Competed, I Won With 29 Birds at

New Orleans, La., November 29th-December 4th, 1911



Black Orpingtons—1st and 2nd Cock, 1st and 2nd Hen, 1st and 2nd Pullet, 1st and 3rd Cockerel, 1st Pen.

White Orpingtons—1st and 2nd Cocks, 1st and 2nd Hen, 1st and 2nd Pullet, 1st and 3rd Cockerel, 1st Pen.

Buff Orpingtons—1st and 3rd Hen, 2nd Cockerel (Only 3 Buffs Shown).

Specials Won—Special for Best Ten Birds in Show (2,100 competing); Special Best Pen Solid Color in Show; Special Best Male Black Orpington; Special Best Female Black Orpington; Special Best Male White Orpington; Special Best Female White Orpington; American Poultry Association Silver Medal for Best Cockerel, English Class; Silver Cup for Best Cock, Cockerel, Hen and Pullet in Show; Silver Cup for Best Orpington Male in Show; **Zenoleum Cup for Best Bird in Show (Zenner Trophy)**; Silver Trophy Cup for Best Two Cocks, Two Cockerels, Two Hens, and Two Pullets in Show; Medal for Exhibitor scoring highest number points

in Show; Medal Best Pen in Show; Medal Best Cock in Show; Medal Best Hen in Show; Medal Best Black Orpington Male in Show; Nine Gold Leg Bands for Best Cock, Cockerel, Hen and Pullet in Buff, Black and White Orpingtons; Black Orpington Club Medal for Best Cock; Black Orpington Club Medal for Best Hen; Black Orpington Club Medal for Best Cockerel; Black Orpington Club Medal for Best Pullet; Black Orpington Club Medal for Best Pen; Black Orpington Club Medal for Best Four Birds; National Buff Orpington Club Special for Best Hen in Show; American White Orpington Club Special for Best Cock; American White Orpington Club Special for Best Hen; American White Orpington Club Special for Best Cockerel; American White Orpington Club Special for Best Pullet; Medal for Best Pen in Show; Medal for Best Two Cocks, Two Cockerels, Two Hens and Two Pullets in Show.

NOTE:—Although I am proud of this unprecedented record in the keenest competition where Birds costing hundreds of dollars competed, I wish to say that I am more proud of the phenomenal records made by my customers from **Coast to Coast**. I HAVE THE BIRDS. Command me regarding your requirements.

Hundreds of Birds for sale. Eggs from Choicest Matings possible \$15.00 per 15; Eggs from other Select Matings \$10.00 and \$5 per 15. All infertile eggs replaced free.

C. S. BYERS, Box W, HAZELRIGG, IND.

Orpington Specialist and Judge 14 Years

"One Breed Bred Right"

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

RED FEATHER FARM

Home of the Great SENSATION (Bean) and RED PRINCE
Strains of Rose and Single Comb Rhode Island Reds

BOSTON, 1912
EGGS - EGGS

On Rose Comb Rhode Island Reds, won 1st Cock, (Shape Special), 2nd Cock, 1st Hen, 3rd Cockerel, 2nd Pullet and 2nd Pen. In addition won 105 Prizes at New York, Boston and Providence, winters of 1909-'10, 1910-'11. Hundreds of rich, red birds, both male and female, with correct black markings.

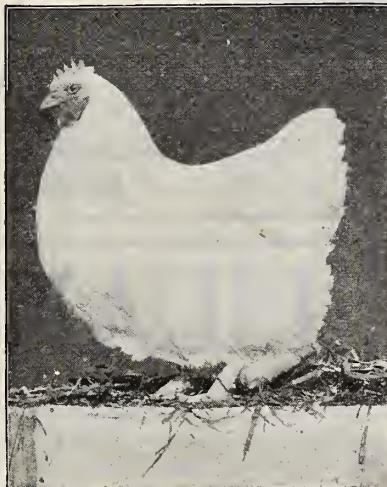
Send stamp for Mating List (ready February 1st) describing some of the grandest mating in the East. Every pen headed by a New York, Boston, or Providence winner and containing all our winning females.

F. W. C. Almy, Prop., Box 22 Tiverton 4 Corners, R. I.

Crystal White Orpingtons KELLERSTRASS STRAIN

Winnings, Baltimore, 1912

*1st cock, 1st, 2nd, 3rd, 4th
cockerels, 1st, 2nd pen, 1st,
2nd, 4th, 5th pullets, 1st,
4th hen, 16 entries—13
ribbons, 4 silver cups, 8
other specials, 160 White
Orpingtons contesting,
Special for best display—
52 points out of 80.*



Winnings, Pittsburg, 1912

*1st, 2nd cock, 1st, 2nd,
3rd, 5th cockerels, 1st, 3rd
pen. 1st, 2nd, 3rd pullets,
4th, 5th hen, 16 entries—
13 ribbons, 6 silver cups, 7
other specials, 113 White
Orpingtons competing,
Special for best display 78
points out of 128.*

1st Hen at Chicago, 1911.
Aldrich White Orpington Farm, Columbus, Ohio.

THESE REMARKABLE WINNINGS

in addition to our wonderful winnings during the present season at St. Louis, Chicago, Cleveland and **Madison Square Garden**, in competition with over 1,100 of the cream of birds from Canada, England and America, make a record never made before by a breeder of **White Orpingtons**.

Twenty Pens now mated, including the winners of 18 firsts, 13 seconds, 8 thirds, 8 fourths and 9 fifths at the above shows, together with winners from Allentown, Nashville, Philadelphia and Indianapolis, tell where the winners for next year will come from. Every pen headed by a prize-winner and mated by Mr. George J. May, conceded to be the best Orpington man in this country. Eggs from utility pens, \$5.00, and from exhibition pens, \$10.00, \$15.00 and \$25.00 per fifteen, guaranteeing fertility. Book your order early and save disappointment. Remember the best is the cheapest in the end. Utility and exhibition stock for sale. Send for new catalogue and mating list showing cuts of our birds and farm, or come and see the birds in the pens. Remember, we never sell a prize-winner and we breed only the one kind.

Aldrich Poultry Farm,

4070 N. High Street,

Columbus, Ohio

Maple Farm White Plymouth Rocks



Again show their superior quality in a class of 162 birds of exceptional merit at the Illinois State Show, Springfield, 1912, by winning:

First and Fourth Cock, First, Second and Third Hen, First and Third Cockerel, First and Second Pullet, First and Third Pen. First prize for display Pen of 25 Birds, Champion Male and Female White Rocks, Besides Several Cups and Specials.

These birds with the winners at Chicago, 1911, of second and third Pen and third Cock, and at St. Louis, 1911, of first and fourth Hen, first Pen and fourth Pullet, and hundreds of other grand birds of wonderful evenness of type, form the nucleus of our breeding pens this year.

We are Now Booking Orders for Eggs

From Our Choicest Matings at \$15.00 per 15
 From Other Very Select Matings at . . \$10 and \$5 per 15
 From Utility Stock at \$3.00 per 15

Some very choice stock for sale. Mating list mailed free on application.

Correspondence Solicited

Maple Farm,

Charles D. Ettinger, Owner,
 Box 36,

Henry Frank, Jr., Superintendent
 Tinley Park, Ill.

RHODE ISLAND REDS

The Most Complete, Authentic and Attractive Book on this popular Breed Ever Published (80 pages and cover)- Historical, Instructive and Beautifully Illustrated, it tells the History and Origin, How to Select and Mate Birds for the Breeding Pens, as well as How to Judge Them Both by Comparison and Score Card; also Much Useful Information Along Commercial Lines.

D. E. HALE, Editor

Well Known as Breeder, Judge, Lecturer and Writer Who Has Specialized on the Reds for Years.

FULLY ILLUSTRATED BY

A. O. Schilling

F. L. Sewell

I. W. Burgess

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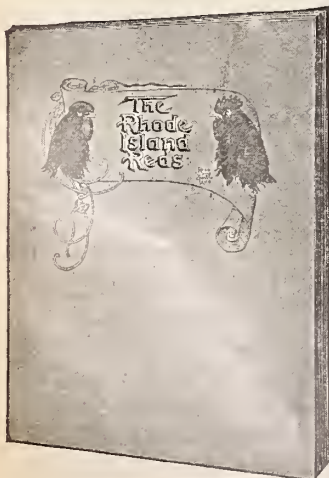
History of Rhode Island Reds.
 Standard-Bred Rhode Island Reds.
 Proper Mating of Rhode Island Reds.

Rhode Island Reds as a Fanciers Fowl.
 Rhode Island Reds as a Utility Fowl.
 Some Successful R. I. Red Farms.

Judging Rhode Island Reds by Comparison and Score Card.

CONTRIBUTORS

The contributors to this book are the acknowledged leading breeders and judges of the country. They include such men as Tompkins, Harris, Almy, Buschmann, Sibley, Rich, Miles, Harrison, Kauffmann & Windheim, Burleigh, Crowther Coulter, Coe, Scott, Carver, Ricksecker, Smith, Hartley, Coffin, Dennis, Clarke, Drevensstedt and Denny.



Color Plate

Made from ideal R. I. Red feathers selected and arranged by Artist Sewell—said to be the best thing of the kind ever published. Text and illustrations are brought down to date to conform to the 1910 edition of the American Standard of Perfection.

75 cents, postpaid
 50 cents each.

With a years subscription to A. P. W. \$1.20. With three years' subscription, \$1.50. Mailed free for three subscribers at

American Poultry Publishing Company,

158 Pearl Street,

Buffalo, N. Y.

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S. C. White—ORPINGTONS—S. C. Buff.
White—PLYMOUTH ROCKS—Barred.

S. C.—RHODE ISLAND REDS—R. C.
WHITE WYANDOTTES. S. C. W. LEGHORNS

WRITE FOR CATALOGUE—IT IS FREE

MIDLOTHIAN HATCHERY,

Box 300,

Tinley Park, Illinois

100% of Hatch Raised by OCULUM!

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Health Now for Fowls. Deadly White Diarrhea, Cholera, Gapes, Roup and Sore Head Positively and Permanently Cured and Prevented by this Wonderful, New, Effective Remedy

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Breeder and Judge of Twenty-five Years' Experience and Member of Standard Revision Committee, 1910

Fully Illustrated by F. L. Sewell, A. O. Schilling, I. W. Burgess and Others



Specimen Illustration (much reduced)

CONTENTS:

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Chapter II.—Orpington Type

Chapter III.—Black Orpingtons.

Chapter IV.—Buff Orpingtons.

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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.)

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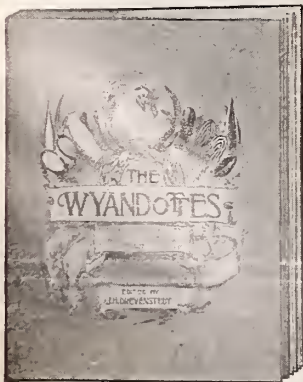
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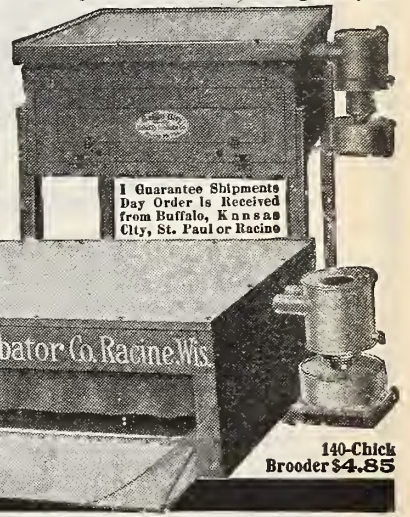
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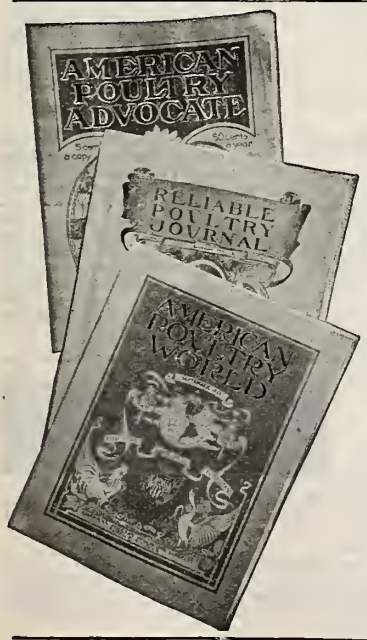


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Dependable

It is a matter of *simple truth* that the *leading poultrymen* of this country, before the Standard Cyphers was perfected, *had given up hopes* of hatching the right kind of chicks—prize winners at the great annual exhibitions—*by artificial means*. But with the advent of the *Cyphers*, this condition has been changed and at present more Cyphers Incubators are used by foremost successful poultrymen of the world *than all other makes of incubators put together*.

Be sure to *start right*—by owning a Cyphers.

HERE IS SAMPLE EVIDENCE

New York Show:—Orr's Mills, N. Y., Jan. 5, 1912.—“My first prize cock bird and third prize pullet, Columbian Wyandottes, at the recent New York Show were hatched in a Cyphers Incubator.”—D. Lincoln Orr.

New York Show:—Freneau, N. J., Jan. 6, 1912.—“Our first and third prize S. C. Buff Leghorn cockerels and the cock bird and two pullets in our first prize winning pen (for the fourth consecutive year) at the 1911 Madison Square Garden Show, were all hatched in Cyphers Incubators. For the past six years many of our prize winning birds at New York, Boston and Philadelphia have been hatched in the Standard Cyphers.”—J. C. Punderford, Prop., Monmouth Poultry Farms.

New York Show:—Ridgefield, N. J., Jan. 6, 1912.—“All of my prize winning Silver Campines at the New York show week before last excepting three (also at other shows this season) were hatched in Cyphers Incubators. At Madison Square Garden I won 2nd, 4th and 5th cocks; 2nd, 3rd and 4th hens; 3rd and 5th cockerels; 1st, 3rd and 4th pullets and 2nd exhibition pen.”—M. R. Jacobus.

New York Show:—Berea, Ohio, Jan. 6, 1912.—“The majority of my prize-winning Anconas at the recent Madison Square Garden Show were hatched in Cyphers Incubators and raised in Cyphers Brooders. At this show my Anconas, Single and Rose Comb, made nearly a clean sweep, winning eight first prizes, eight seconds, numerous thirds and fourths. Every bird I entered received a prize.”—H. Cecil Sheppard, Ancona Specialist.

Chicago Show:—Benton Harbor Mich., Jan. 8, 1912.—“At the recent Chicago Show, Dec. 14-19, 1911, we exhibited fifty-two White Wyandottes—all of our own breeding—and won four out of a possible five prizes—1st, 2nd, 4th and 5th on exhibition pens, a record perhaps never before equalled. All of these birds were hatched in Cyphers Incubators. We have been showing our bred-to-lay White Wyandottes for the past seven consecutive years at the Chicago Poultry Show and with but few exceptions all have been hatched in Cyphers machines. Would much rather trust choicest eggs from our very best birds to Cyphers Incubators than to hens.”—Gala Poultry Plant, F. J. Wehrmeyer, Prop.

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Chicago Show:—Arcadia, Ind., Jan. 8, 1912.—“My first prize Buff Orpington cock and all birds in my first prize Buff Orpington pen at the recent Coliseum Show, Chicago, December 14-19, 1911, were hatched in Cyphers Incubators and reared in Cyphers Brooders.” A. E. Martz, S. C. Buff Orpington Specialist and President of the National S. C. Buff Orpington Club.

Chicago Show:—Minneapolis, Minn., Jan. 8, 1912.—“The first and third cockerels and the first and fifth pullets, Columbian Wyandottes, shown by me at Chicago three weeks ago were hatched in a Cyphers Incubator and raised in a Cyphers Brooder. This season I shall use Cyphers Incubators exclusively because they have given me the best results and are the most easily operated incubators I have ever used.”—Geo. A. Kersten, Columbian Wyandotte Specialist.

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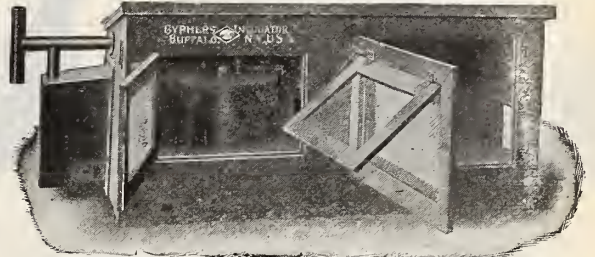
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Cyphers Incubators are easier to operate, *give far better hatching results*, cost less for oil and will outlast in *profitable service* any other make of incubator on the world's markets—all of which we positively guarantee on a "personal satisfaction" basis, *our customers to be the sole judges*.



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(Patent Heating System)

Colony-Type, Three-Apartment, Self-Regulating and Self-Ventilating

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"Four One Hundred Per Cent. Hatches"

Lebanon, Pa., Nov. 8, 1911.
Cyphers Incubator Co., Buffalo, N. Y.

Please find below report of chicks I hatched out with my No. 2 Cyphers Incubator, which speaks for itself regarding the superiority of the machine:

Number of Eggs Set	Fertile Eggs	Chicks Hatched
240	179	179
223	196	196
208	136	136
244	137	137
241	186	186

The Cyphers Incubator is self-regulating, requires little attention, and the chicks hatch out strong. My experience with the Adaptable Hover and Cyphers Brooders has been highly satisfactory, although I did not get a chance to hold my chicks long. I could have sold at least two thousand more chicks if I could have supplied them.

ALBERT H. REIDEL,
1221 Forge St.

"Very Strong and Healthy"

Mountville, Va., Aug. 1, 1911.
Cyphers Incubator Co., Buffalo, N. Y.

All the goods I have purchased from you have given perfect satisfaction and I have found you to be fair and square in all our dealings.

Find herewith list of my hatches the past season:

First hatch,	181 chicks from 187 fertile eggs
Second "	220 " " 235 " "
Third "	202 " " 229 " "
Fourth "	194 " " 217 " "
Fifth "	180 " " 210 " "
Total,	977 1,078

I am a breeder of White Wyandottes and all of my chicks hatched in Cyphers Incubators and reared in Cyphers Brooders have been very strong and healthy and I expect to win a number of prizes with them this fall.

ROCKWOOD POULTRY FARM,
S. G. Presgraves, Prop.

"Pretty Good For A Beginner"

Prospect Ohio, Nov. 10, 1911.
Cyphers Incubator Co., Buffalo, N. Y.

Just a few words to let you know that I have been treated fine by your company and can praise your goods very highly. Following is report of my five continuous hatches in a No. 3 Cyphers machine the past season:

March 25,	Set 350 eggs, hatched 310 chicks
April 17,	" 353 " " 303 "
May 10,	" 332 " " 281 "
June 4,	" 334 " " 298 "
July 1,	" 342 " " 314 "

The above shows an average of 88 per cent. which is pretty good for a beginner. In regard to

my experience with the self-regulating, self-ventilating and non-moisture features of the Cyphers Incubator, will say that they were perfectly satisfactory in every way, as we did not have any trouble at all in regulating or operating the machines. The chicks hatched out strong and healthy. This is our first experience with an incubator and we do not see how it can be improved.

H. E. GAST.

"One Built Several Years Ago"

R. F. D. No. 1,
Chelmsford, Mass., July 24, 1911.
Cyphers Incubator Co., Buffalo, N. Y.

The 144-egg Cyphers that I own is the best incubator I ever saw—hatches every really good egg put into it. The past season I took off the following hatches:

110 Eggs gave me	102 Chicks.
129 " " "	123 " "
135 " " "	132 " "
112 " " "	110 " "

I also have an old No. 1 Cyphers built several years ago that also gave me very good results. From 108 eggs I got 102 chicks and from 129 eggs obtained 121 chicks—from this old machine.

R. F. MURPHY.

"Poultry Growers' Guide for 1912"

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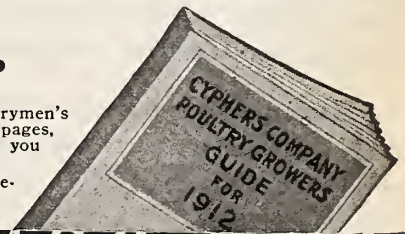
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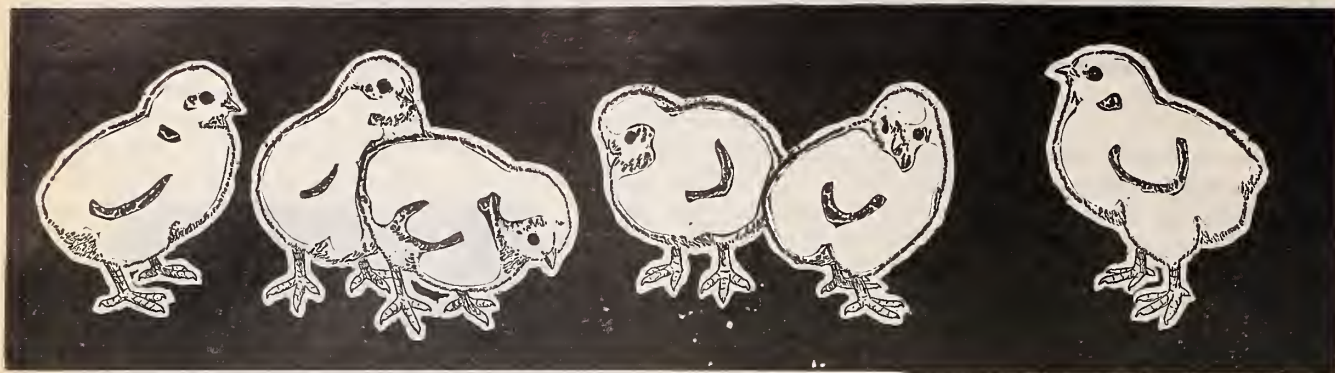
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POULTRY REVIEW

we are making you this very unusual offer. We have been spending more than \$100,000.00 each year advertising the Philo System of Progressive Poultry Keeping and we now think that we can do more good and get better returns from our advertising by giving away **50,000 Brooders with Feed, Galvanized Troughs and Six Chicks**, and also complete instructions for building patented coops and the right to use them, to people who would like to increase their income by keeping poultry. One Brooder, with Feed and Troughs, Six Chicks and Instructions for building coops, will be given with each and every order for three dollars worth of the Latest and Best Poultry Reading, 15 volumes in all.

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New Edition "**Philo System Book**," New 96-page book, "**Making Poultry Pay**," "**A Little Poultry and A Living**," "**12 Copies of the Poultry Review**."

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All of the above books and magazine and a **Premium of Six Thoroughbred Baby Chicks**, one small **Brooder** to raise them in, with **Galvanized Troughs** and **Feed** enough to give them a good start. With the above outfit you will also get complete instructions for building **patented** coops and a right to use them, and complete instructions for caring for chicks and fowls of all ages.

We can do this because we have the largest and best equipped poultry plant and buildings in the world. Our **New Hatchery** alone has a capacity of 1,800 Cycle Hatchers and we are hatching big, strong chickens every week of the year.

If you leave the chicks for our selection we will probably ship thoroughbred White Orpingtons or White Leghorns. We can sometimes give you other varieties.

Mail your order to-day with three dollars for all of the books and magazine and we will book you for an early shipment of brooder, chickens, etc., or, if you prefer, we will hold the shipment for delivery during February, March or April.

E. R. PHILO, 3083 Lake Street, ELMIRA, N. Y.

JUST READ THESE LETTERS

From Parties who have purchased the small Brooder referred to on the opposite page and Six Philo Pedigreed White Orpingtons.

TESTIMONIALS

These are not Old Letters.

Look at the Dates.

Hot Springs, Arkansas, 12, 6, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Your letter of the 27th ult., received, and in reply I desire to say that I have had splendid success with the six White Orpington Chickens which you shipped me as baby chickens. I have not lost a single one of them and they are good broiler size now.

Thanking you for your interest, I am,

Yours truly,

Mrs. Joe. Butterfield.

South Brewer, Maine, 11, 28, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—In answer to your letter asking about the success I had with the White Orpingtons you shipped me August 14. Well, I have raised every one of them and have four pullets and two cockerels, and am very much satisfied with them. I would not take three times the price I paid for them. They were kept in a small coop and have never been sick since I had them.

Yours truly,

Joseph M. Vorow.

New Bedford, Mass., 12, 13, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I am very glad to inform you that my White Orpington Chicks are all alive and smart. They are just six weeks old, and weigh just 1½ pounds. I have them in an Economy Coop and they are growing and developing finely.

Yours truly,

M. Goulart.

Brockton, Mass., 11, 31, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—The six chickens you sent me are doing fine, all alive and smart. They weigh about two pounds each, and all the poultrymen who have seen them have said they were as good, if not better, than any they had seen.

I put them in a fireless brooder as soon as they arrived, and they have done fine. I am well satisfied with them, and in the future intend to send for more.

Yours truly,

James Lays.

Fairhaven, Mass., 8, 9, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—The six chickens arrived yesterday at 3 P. M. They are very smart and have been busy all day. Hope I may find the White Orpingtons as pleasing to me as these few have been.

Yours truly,

Lewis F. Blossom.

New Richmond, Michigan, 8, 17, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—The six baby chicks and brooder arrived in first class condition. The chicks are as lively as little crickets, and I am very proud of them. Thanking you for being so prompt in sending me the order, I am

Yours truly,

Inez Lloyd.

Scranton, Kans., 11, 1, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Yours of October 26 at hand, and beg to say that I have raised all of the White Orpingtons so far. Their average weight is 2¾ pounds each, and not quite three months old yet. Being a beginner it was quite interesting to watch their development. I intend to move to Topeka in a short time and raise pedigree White Orpingtons.

Yours truly,

Walter Burkhardt.

New Haven, Mo., 8, 1, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I am very glad to state that I received the chickens in fine condition. Everybody was sure that the chickens were dead on account of the great heat as it was over 103 degrees at the station, but seeing the little fellows so bright and lively they would not believe that they came from such a distance. As I have used the Philo System for years, I have had some experience in raising chickens.

Thanking you for your kindness, I am,

Yours truly,

Rev. A. Kuhn.

Gouldsboro, Pa.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Replying to your inquiry of the 23rd inst., I am glad to state that the White Orpington chicks shipped to me August 2nd and 9th, have proved a great success. I had two shipments of six each, and both lots arrived in splendid condition. I now have eleven fine young chickens, consisting of eight pullets and three cockerels. I am raising them by the Philo System, following instructions given in the book.

Yours truly,

Jennie Eschenbach.

Uniontown, Pa., 11, 1, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Your shipment of chickens and brooder arrived safely some time ago. We have four of them and they are real beauties. Magnificent specimens of chickenhood. Three of them weigh at least 1½ pounds each and the other slightly less. We are well satisfied.

Yours very truly,

Sam. Hardman.

Hanska, Minn.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I received the chickens today and they were all in fine shape, and are all that you claim they are.

Yours truly,

Burnhard Lind.

Mt. Clemens, Mich., 11, 9, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—In reply to your letter, beg to say that the little chickens I received from you five weeks ago, all in splendid condition, and I would not part with them.

Yours truly,

Mrs. Ed. Charbeneor.

Wellfleet, Mass., 11, 9, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Your letter of inquiry concerning the chickens shipped me about October 1st, received, and am pleased to say that they are doing well, and are growing the finest I ever saw chickens grow. Their growth is certainly remarkable, and I expect satisfactory results.

Yours truly,

Rev. P. A. Canada.

Detroit, Mich., 11, 6, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Of the six chickens sent me in October, beg to say that they are wonders, in fact I would not return these for 18 others. I have them in a Philo Brooder Coop, made by myself. I have never kept chickens before, never took any interest in them in fact, but since getting these I have suffered a complete change of heart. My future plans may change considerably with the successful raising and experience obtained of these few.

Thanking you for your interest, and wishing you success, I am,

Yours very truly,

Geo. H. Schumann.

Rowley, Mass., 11, 5, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—The chickens I received from you September 5, arrived in first-class shape. I have had no trouble in raising them so far. They are about two months old, and growing remarkably well. They have been fed according to the Philo System Book. I have hatched seventy-five White Orpington chickens, and have succeeded in raising seventy-four of them, which I think is pretty good for a beginner. Before I received your Book and Poultry Review, I hardly knew one breed from another, and knew absolutely nothing about raising them.

Yours truly,

W. E. Dudley.

Erie, Pa., 11, 5, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Yours of recent date, at hand, in regard to the White Orpington chickens bought of you. I must say they are little beauties, and growing fine. One cockerel and five pullets. With best wishes, I am,

Respectfully,

John Bennett.

Paeonian Springs, Va., 11, 23, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—Your letter of the 20th received, and in reply can give an excellent report. I have had splendid success, have five out of six. Out of the six you sent there are four pullets and two cockerels. My White Orpingtons are a credit to you as well as myself, and they have been raised almost entirely by the Philo System. If at any time I need any poultry supplies you will hear from me.

Mrs. J. G. Jacobs.

Wardell, Va., 11, 2, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—The six White Orpington chickens that my mother ordered were brought to me September 7th, and I never saw so much life in little chickens before. I took them to raise for half of the chickens and eggs, and now I would not take \$5.00 for my half of them. I intend to adopt the Philo System and hope to be successful.

Yours truly,

T. B. Shreve.

Morrison, Va.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I was glad to receive your letter, and take pleasure in replying to same. The six White Orpington chickens that I purchased from you are all alive and in excellent health, and have given complete satisfaction so far. They are growing rapidly and bid fair to be handsome, stocky birds, and I am glad that I availed myself of your tempting offer.

Yours truly,

Garner Marshall.

Marathon, Florida, 12, 5, '11.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—The little one day old chicks I bought of you are thriving, and all who see them remark about their thrifty, healthy appearance.

I do not expect to lose one of them from weakness or sickness. I refused \$20.00 for them last week.

Wishing you the success you deserve, I remain,

Yours truly,

E. J. DeVore.

If you prefer Pedigreed White Orpingtons in place of thoroughbred chickens please add \$2.00, making \$5 00 in all, and we will ship you all of the Books, Brooder, Troughs, Feed, Six Philo Pedigreed White Orpingtons, Instructions for Building Patented Coops and enter your name for a Year's Subscription to "The Poultry Review." All orders to be filled in rotation as they come in. Write today.

E. R. PHILO, 3083 Lake Street, ELMIRA, N. Y.

Rose's Black Orpingtons

CHAMPIONS OF AMERICA

Sweep Madison Square Garden, 1911



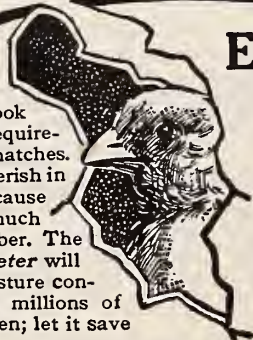
In the greatest and strongest class of Black Orpingtons ever shown in America, at Madison Square Garden, December, 1911, I won the Association \$25.00 Gold Special for the best display of Black Orpingtons, having more than twice as many points to my credit than any of my competitors.

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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.

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Don't overlook the moisture requirements for big hatches. Millions of chicks perish in the shell annually because there is too little or too much moisture in the egg chamber. The *Tycos* Incubator Hygrometer will tell you if the optimum moisture condition exists. It will save millions of chicks this year for poultrymen; let it save a lot for you.

The same excellence is found in the *Tycos* Hygrometers as in the *Tycos* Thermometers.

In buying an Incubator see that it includes *Tycos* Instruments. If it does, it means the manufacturers are putting the best into their product.

Read what this man says; he is only one of thousands.

FAIRVIEW FARM, FAMOUS ORPINGTONS—EASTON, PA.

I have used 16 of your moisture gauges and 12 Thermometers and find them correct in every respect. Very hard to make good hatches with poor gauges and Thermometers. Have sent out over 10,000 chicks this season and could have doubled that amount had we the eggs to fill them.

And feel sure to say that the articles you manufacture have helped me to get better hatches than where we hadn't used them. Wishing you success,

Yours truly, J. S. HAUPT.

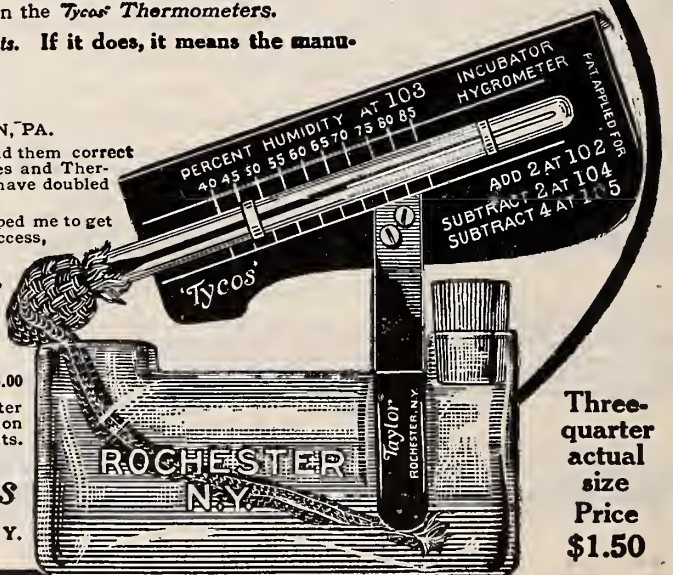
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But Actual Accomplished Facts.*

The Straight-Forward Story of the Building up, in Five and a Half Years, of the Greatest Egg Farm in the World, from a start with only 30 Hens.

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The marvelous discoveries, and far-reaching developments in feeding for eggs, which have been made on the Corning Egg Farm during the last two years, can be found only in the Corning Egg Farm Book, because no one has gone into feeding for eggs so thoroughly and so successfully as Corning.

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The Corning Egg Farm Has Now Surpassed \$6.41 Per Hen Per Year



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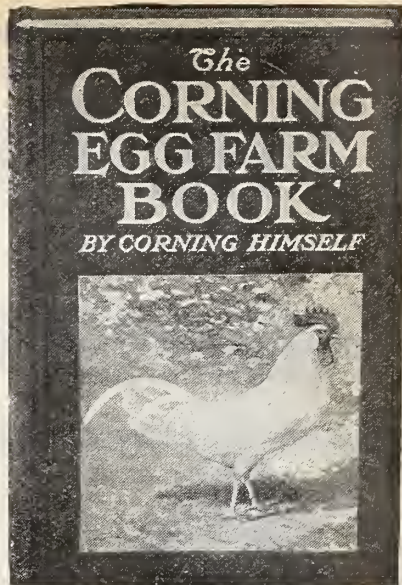


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No one else can offer you the equivalent of The Corning Egg Farm Book at any price, for the pertinent reason that the knowledge given in plain language, understandable and usable by anyone, has been thought out, worked out, and perfected by the Cornings. No experiments are left for others. The following of the Corning Method, as told in this Book, means assured success and profits. Price, \$1.00, postpaid, to any address.

THE CORNING EGG FARM,

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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. Shilling 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

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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.

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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.

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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

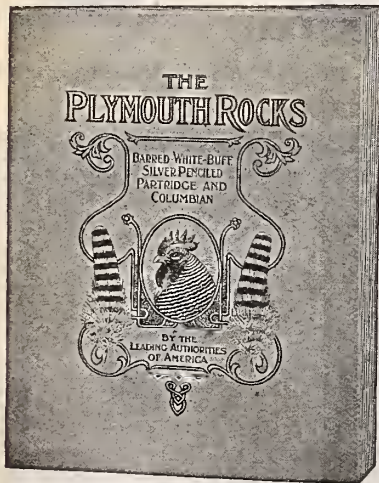
Valuable Discussion of the Standard for 1910-1915, Including Changes Made and Why They Were Made; How They Will Affect the Breeding Problems that Now Confront Breeders of Plymouth Rocks.

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.**

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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.

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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.

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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.

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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.

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6,000 Hen Egg Capacity Cyphers Mammoth Incubator on White House Poultry Farm, Oskar Frowein, Proprietor, Center Moriches, Long Island, N. Y.

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WHITE HOUSE POULTRY FARM

Breeders of Barred and White Plymouth Rocks and S. C. White Leghorns.

Center Moriches, L. I., N. Y. Oskar Frowein, Prop.

Center Moriches, January 7, 1912.

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

I am using our Cyphers Mammoth Incubator for the third season and am glad to say that I am perfectly satisfied with it in every way. The percentage of chicks hatched from the fertile eggs is fully as good as we formerly obtained from the lamp-heated machines, if not better, and my expenses of operation are just one-third less since I started to use the Mammoth. The chicks hatched are big and lively—are healthy and grow fast. The biggest saving is in fuel. We average to save two-thirds on fuel, as compared with lamp-heated machines. I can truthfully recommend the Cyphers Mammoth Incubator to anyone who may wish to inquire. With best wishes for the New Year,

WHITE HOUSE POULTRY FARM.
Oskar Frowein, Proprietor.

"Tried One, Then Ordered Another."

LANGE POULTRY FARM.

Ernest Lange, Proprietor.

Breeders of Barred Plymouth Rocks and S. C. White Leghorns.
Hatching Eggs. Day-Old Chicks.

Moriches, N. Y., January 8, 1912.

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

In placing my order with you for another Cyphers Mammoth, 6,000-egg capacity, I am glad to be able to say that I was so successful and am so well pleased with the 4,800-egg Mammoth you installed on my plant a year ago that I decided to enlarge the hatching capacity by ordering another one of these big machines. I have found that there is a saving of about 60 per cent. in fuel—also there is no danger of fire and no lamp fumes in the room.

To any one who is interested in Mammoth Incubators I heartily recommend the Cyphers, and extend a cordial invitation to come and inspect my plant and see the Cyphers Mammoth in operation. My batches with this machine last season were wonderfully good—about 90 per cent. of the fertile eggs coming out, producing strong, healthy chicks, full of vitality. On account of simplicity of construction any person of ordinary intelligence can run it. And it requires much less labor and attention than I formerly was compelled to give to the incubating process.

ERNEST LANGE.

U. R. Fishel Installs 10,400 Egg Machine.

FISHELTON

U. R. Fishel, Proprietor.

Home of "The Best In The World Strain" White Plymouth Rocks.
The Largest Specialty Poultry Farm in the World

Hope, Ind., January 9, 1912.

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

After carefully investigating all mammoth incubators I became convinced that the Cyphers Mammoth was the one for me to buy, therefore I placed my order with you for a 10,400-egg capacity mammoth incubator and am pleased to say that you lost no time in installing this machine, which I am to use this season. I wanted to write you and tell you how well pleased I am with the general appearance of the Cyphers Mammoth. I feel confident it will hatch just as good if not better than the individual Cyphers Incubators, and if it does that I certainly will be delighted with it. Just took off 116 chicks—good strong ones—from 122 fertile eggs in one of my lamp-heated Cyphers.

One point I like especially about the Cyphers Mammoth as compared with the other makes, is its general appearance, for we want nothing at Fishelton but that which is the very best, and I feel that we are keeping up to the standard by installing this Mammoth Cyphers Incubator. Thanking you for the prompt manner in which you handled my order for the Mammoth, I remain,

U. R. FISHEL.

ORDERS FILLED PROMPTLY:

eggs. Are shipped knock-down in panels at low freight rates. Quickly and easily installed. Detailed photographic instructions furnished with each machine. Are suitable to use successfully in an ordinary incubator house or cellar above or below ground, or in any large room or apartment. Can be taken down on short notice without injury and moved to another location. If you are interested in custom hatching, or are selling day-old chicks, or are operating or planning to operate a large, practical plant of any kind, write today for our SPECIAL 20-PAGE CIRCULAR, showing pictures of and fully describing the latest Cyphers Mammoth. Prices and full information on request. Address home offices, or nearest branch house.

Cyphers Incubator Company, Dept. 31. Home Offices, Buffalo, N. Y.

BRANCHES: NEW YORK CITY, 23 Barclay St. BOSTON, MASS., 12-14 Canal St. CHICAGO, ILL., 340-342 N. Clark St. KANSAS CITY, MO., 317-319 Southwest Blvd. OAKLAND, CAL., 1569 Broadway. LONDON, ENGLAND, 119-121 Finsbury Pavement.

Success With Early Chicks

WHAT TO DO with the first chicks of the season—where to keep them and how to make sure of raising them successfully? This has been one of the hardest problems for poultry raisers to solve. It is just here that the **PARADISE BROODER** comes into profitable use—and completely answers that important question. This “best of all” indoor brooders (see illustration) is not new and untried. We are not offering an “experiment.” These brooders have been on the market and in successful use five years. Are sold in one, two, three or four sections—each section measuring 3x7 feet and having two separate compartments. Following is sample evidence of the kind of work they do.

HOW WELL PARADISE BROODERS PLEASE

Tried One Section—Bought Another.

Felton, Del., July 18, 1911.

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

In the spring of 1910 we purchased the first or lower (base) section of a Paradise Brooder and *liked it so much that in the spring of 1911 we added a second or “upper” section*. We had our Paradise Brooder in a small compartment of our brooder house and although there was no auxiliary heat *we had no difficulty in keeping the chicks warm*, even during the cold weather of February and March. Brooded as many as 221 chicks at a time and with fine success.

A. C. & J. MERITHEW.

“Gives Excellent Satisfaction.”

Warrensburg, Mo., April 18, 1911.

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

It gives me great pleasure to recommend the Paradise Brooder. I am using three sections, *which easily accommodate four hundred young chicks*. The method of heating is highly satisfactory and being able to feed in the troughs *has saved me about half my feed bill over other ways*, because practically no feed is wasted. Everything about this machine gives excellent satisfaction.

GEO. M. BLISS.

“And They Grew Rapidly.”

30 Dayton St., Springfield, Mass., July 29, 1911.

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

My experience with the Paradise Brooder I bought of you *has been very satisfactory*. I kept the chicks in a brooder in a large back room *for the first three weeks*. The number lost was small, being *practically nothing* but a few weaklings of the hatch. The chicks were very hardy and they grew rapidly. I was especially pleased *at the ease with which the chicks can be cared for and the brooder cleaned*.

J. E. SHAW.

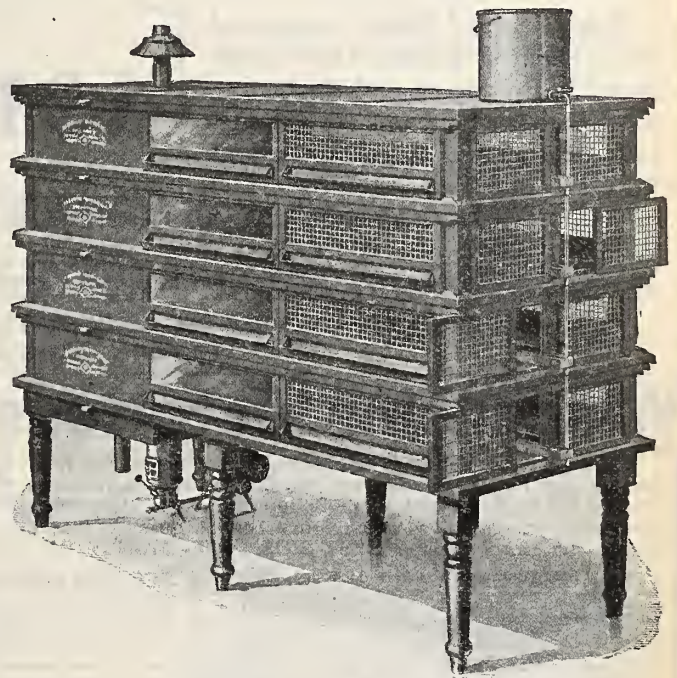
“No Other Method In Existence.”

Garnett, Kas., November 17, 1911.

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

We use Cyphers Incubators and Adaptable Hovers exclusively, except that we are operating two of your four-section Paradise Brooders, and right here we want to say that *there is no other brooding method in existence today that compares with the Paradise for raising chickens to four weeks old*. They are fool-proof, *time and labor saving* and a great practical success. We earnestly believe that our success has been due to the fact that we started in the poultry business *with dependable equipment and products*—such as bear the Cyphers Company trade mark.

PEERLESS POULTRY FARM,
Fred. P. Spraul, Mgr.



Four-Section, One-Lamp PARADISE BROODER. Capacity 400 Chicks, in Eight Separate Lots of 50 Chicks Each

“I Expect To Buy More.”

Sayville, L. I., N. Y., August 8, 1911.

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

I want to say that I had *the best of success* with the Paradise Brooder and can show today *six hundred of the finest White Wyandottes and one hundred and fifty White Orpingtons*, which were all started in this brooder. Placed fifty chickens in each compartment and they *did fine right from the beginning*. It was *warm and dry* in the brooder at all times. The feeding troughs *are the best arrangement* any one could devise. Lost very few chicks—*fewer than by any other brooding method I have ever tried*. I expect to buy more of these brooders next season, about February, 1912.

FREDERICK A. DIETZ.

PLACES TO USE: THE PARADISE BROODER can be operated with success in a dwelling house, store room, stable, poultry building or other structure where the temperature does not go below freezing. It will give excellent satisfaction in any of these locations. No better or more convenient place can be found than near a window in a room of an ordinary dwelling—a south or east room preferred, where the sun will shine in on bright days. **FOR DETAILED ILLUSTRATED DESCRIPTION** of the Paradise Indoor Brooder (heated by coal-oil stove or by gas) write today for our “Poultry Growers’ Guide For 1912.” **FREE** on request. 244 pages, 7½x10 inches. Fully describes our *more than 100 standard poultry articles* for progressive, successful poultry raisers. Address place of business nearest you.

Cyphers Incubator Company, Dept. 31 Home Offices, Buffalo, N. Y.

BRANCHES: NEW YORK CITY, 23 Barclay St. BOSTON, MASS., 12-14 Canal St. CHICAGO, ILL., 340-342 N. Clark St. KANSAS CITY, MO., 317-319 Southwest Blvd. OAKLAND, CAL., 1569 Broadway LONDON, ENGLAND, 119-121 Finsbury Pavement

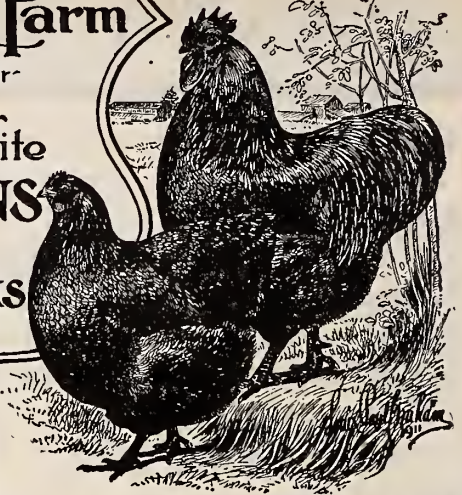
Rufus Dolafield - Owner

Telephone 549-J Plainfield



Sunswick Poultry Farm

Breeders Exhibitors Importer
Single Comb
Buff · Black and White
ORPINGTONS
Buff and Blue
ORPINGTON DUCKS



South Plainfield, N. J.

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

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 88 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 2 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

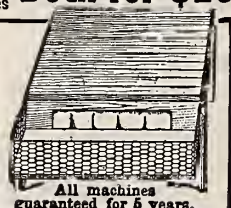
Ship on 30 Days' Trial You have ample time to test them out and if not completely satisfied you can send them back at my expense. Out of the thousands I ship every year I'll tell you how few ever come back I doubt if you would believe me. Ask the publishers of this paper as to my responsibility. In addition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



Natural Finish California Redwood
FREIGHT PAID

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 "Tyco's" 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.



All machines guaranteed for 5 years.

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

Wisconsin Incubator Co. Grass Lake, Mich.
Dear Sir:—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; 105 chicks from 105 eggs, and 109 chicks from 109 eggs. No incubator on earth can beat that. I will stand by this statement and prove it. A. JESSUP, R. 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. Vickery, Ohio.
Dear Sir:—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 92 to several of my neighbors but I did not want to sell it. With the first hatch I got 97 chicks from 100 eggs.
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 these are cold facts which actual comparisons have proved.

"KELLERSTRASS" WHITE ORPINGTONS WON HIGH HONORS



As usual Kellerstrass Crystal White Orpingtons won everywhere. We did not show this season so as to give our customers a chance, and the following record will explain itself. Our customers won this season at Paris, France, Toronto, Canada, Honolulu, Hawaiian Islands, Madison Square Garden, New York, Chicago, Kansas City, St. Louis, Baltimore, Pittsburg, Cleveland, Philadelphia, California, Seattle, Louisville, Indianapolis, Salt Lake City, Denver, Richmond, Va., Atlanta, Dallas, Nashville, and hundreds of other shows. One of our customers sold his **First Prize Cockerel** at Chicago for \$500.00. Another one of our customers refused \$1,000.00 for a Hen at Philadelphia. The prices that our customers are getting, shows that the White Orpingtons are ahead of all other breeds. If you want to know something more about these wonderful birds send for our large illustrated catalogue and book of Record and Testimonials. It is free. It gives the price of stock and eggs we have for sale.

KELLERSTRASS POULTRY FARM,
9124 Westport Road, Kansas City, Mo.



HATCH YOUR CHICKENS

"40 Fine Chicks Out of 44 Eggs"

Port Jefferson, L. I.,
May 23, 1910.

Gentlemen:—It may interest you to know that I have just hatched 40 fine chicks out of 44 eggs and one of those was a broken one at that. I may be able to sell a few of the machines in this vicinity next year. Yours truly,

J. E. Overton.

"The Results are Wonderful"
Wessening, Phila., Pa.,
5913 Cottage St.

Gentlemen:—I am using your system of hatching and raising chickens, also incubator, and the results are wonderful.

I have White Wyandotte cockerels five months old weighing seven pounds, pullets same age, weighing five and three-fourths pounds, all raised by your system.

Yours truly, S. A. H. Paul.

"Has Had Fully 14 Months' Use"

Spartanburg, S. C., Oct. 9, 1910.

Gentlemen:—I will operate several of your "Hatchers" this coming season, and would like to add that I took off a batch of chicks yesterday from the first machine I bought from you two years ago, which has had fully 14 months' use, and I never had such an even temperature in my life. With warm days and breezy nights, the thermometer did not vary 1-2 degree, with the exception of twice in the last week.

Very truly, Robert R. Team,
117 Kennedy St.

"Having Splendid Success"

Leesburg, Fla., April 28, 1910.

Dear Sirs:—The Cycle Hatcher cannot be beat. I am having splendid success with mine, and am sure I can sell quite a number. What are your terms to agents? Please let me know at once.

Respectfully,
Mrs. John Fussell, Jr.

"They Are Amazed"

Jeannette, Pa., May 3, 1909.

Gentlemen:—I received the hatcher some time ago and want to say that I am more than pleased with it. Got 38 peeps out of 40 fertile eggs. Quite a number of fanciers have been watching the performances of the machine and they too, to say the least, are amazed.

Respectfully, C. C. Clippinger,
Chief Dispatcher, B. & S. R. Co.

With a **NEW 1912 Cycle or Brooder Hatcher**

Our New Discovery Makes Poultry Keeping Easy and Profits Sure

LARGEST STOCK OF MACHINES IN THE WORLD

OUR machines were used exclusively in the original Philo System Plant where over \$1500 from 60 hens in 10 months has been cleared from the sale of eggs, baby chicks and fowls raised on a city lot 40 feet square. One of the largest plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for \$2.50.

One party hatched and raised \$500 worth of poultry last year with four Metal Mothers, and hatching machine that airs the eggs in the natural way and applies the heat to chickens like the mother hen.



Sectional View of Brooder-Hatcher Brooding Chickens While Hatching Eggs. Cost including Freight Charges is seldom more than \$10. Usually it is much less.

dreds of others are delighted with our machines and our new way of raising poultry. Our combined machine hatches and broods perfectly at the same time with only one lamp and one-fifth the oil used in other machines. Once filling the lamp completes the hatch. It runs as steadily as a clock in any room, from cellar to garret, and our Long-Burning Safety Lamp runs on for weeks without attention. It is the only

The Price of a Good Hen Will Pay for a Machine

Write to nearest office for Catalogues, or we will mail one from our main office at Elmira, N. Y.

Our new 200-ton metal presses are making the finest machines we have ever turned out. In our new machine 500 strong chickens from 600 eggs set is one of the latest records; many hatchers are producing a chick from every egg set.

The Cycle produces the strongest chickens at the lowest cost. What more could you ask?

SAVE FREIGHT CHARGES

By Ordering Direct from Nearest Branch Office:

NORTH

SOUTH

EAST

WEST

Cycle Hatcher Co., Aulander, N. C.
Cycle Hatcher Co., Atlanta, Ga.
Cycle Hatcher Co., Jacksonville, Florida.
Cycle Hatcher Co., New Orleans, La.
Cycle Hatcher Co., Houston, Texas.
Cycle Hatcher Co., Denver, Colorado.

Cycle Hatcher Co., Norwood Park,
Chicago, Ill.
Cycle Hatcher Co., St. Louis, Mo.
Cycle Hatcher Co., Des Moines, Iowa.
Cycle Hatcher Co., Lake Preston, S. D.
Cycle Hatcher Co., Oakland, California.

Main Office: Cycle Hatcher Co., Elmira, N. Y.

"I Think This is Going Some"

Glenbrook, Conn., May 3, 1911.

Mr. Philo, Elmira, N. Y.

Dear Sir:—I just took off two hatches from your Cycle Hatchers, and thought you would like to know results—45 chicks out of 48 eggs in one, and 40 chicks out of 45 eggs in the other, S. C. W. Leghorns. I think this is going some. I am very respectfully,

Wm. B. Lockwood.

P. S.—I like your paper, The Poultry Review, very much.

"42 Chicks From 45 Eggs"

Shelby, Ohio, May 19, 1910.

Gentlemen:—Would you give me the agency for Shelby and surrounding territory for your Hatcher and other goods? I got 42 chicks from 45 eggs in one machine and 43 from 54 eggs in the other machine.

Yours truly, E. C. Dunlap.

All Hatching Records Broken In Eight States by Eight "Essex-Models" Different Users of the

When You Buy An Incubator

you always come back to the question that is most important to you—"Is it the best hatcher?" That is the question that settles your success or failure in raising poultry; and you want it answered **First and Last, and Truly.** That is why we give you this evidence of the "Essex-Models" **Wonderful Hatching Records.** We want **You for a customer;** therefore in our 1912 Free Catalogue we have published letter after letter proving our claim. Nevertheless we also publish right here, better proof than can be given on any other make of machine. *This is our challenge.* **No Other Incubator On Earth Can Equal These World-beating Records.**

Here is the story of a young lady, 16 years of age, who **Four Times In Succession Hatched Every Hatchable Egg** in an "Essex-Model"—100 per cent, four times following. The most wonderful hatching that ever happened! But even that is not all! Eight different persons in eight different states have written us that they, every one, have also hatched 100 per cent.

We have room for only one of the letters. Here it is, and it answers your question: "Which Incubator Shall I Buy?"

Everybody Can Hatch With An "Essex-Model"

ROBERT ESSEX INCUBATOR CO.,
Buffalo, N. Y.

PATTENBURG, N. J., Nov. 21, 1911.

Dear Sir:—Kindly send me price list of your Incubators, as I want to buy another. I have a small one and like it very much. It is no trouble to run. I have set the incubator four times, and have had really wonderful results. The first time I had 36 fertile eggs left in the machine and hatched 36 chicks, the second time I left in 38 eggs and hatched 38 chicks; the third time was exactly the same number of eggs and chicks; and the fourth time was even better, as I hatched 40 chicks out of 40 eggs. I raise White Leghorns and Black Minorcas. I am doing this to see how much money I can make. I am 16 years old, and am delighted with my incubator.

Yours very truly, RUTH L. ZICK.

We Challenge the World on This Record of a Beginner

It Is Wonderful to hatch 100 chicks from 100 eggs.

It Is More Wonderful for Eight Different Persons to do so, and all with the same make machine—the "Essex-Model."

It Is Most Wonderful for one of those persons—A Beginner in poultry keeping—to accomplish this extraordinary success Four Times in Succession—one after the other.

Not Once Only but Continuously—Time after Time—the "Essex-Model" out-hatches every other Incubator made. It is the **Incubator of Quality**, and is a worthy companion to our Superior Brooders which customers say "Mother the Chicks Better Than a Hen." We manufacture

America's Largest Line of Incubators and Brooders 17 Sizes at \$2.25 to \$48.00 Each—Worth Double

Why do the Essex-Model Incubators out-hatch all others? Why do the Essex-Model Brooders raise more chicks and stronger chicks than all others? One reason is seen in the Knowledge and Experience that have been obtained by Mr. Robert H. Essex in over 25 years' work with poultry and poultry-keepers in all branches of the industry. Some of his experience is told in our 1912 Free Catalogue which contains

Five Chapters on Poultry Written Personally by Robert Essex

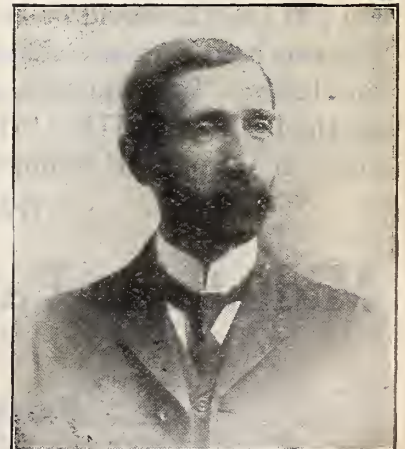
The subjects of the chapters in this book are:

- (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.)

In addition it contains a full-page of pictures of Seven Popular Breeds of Fowls.

The Book is Free. Write for it today.
Address nearest office.

Robert Essex Incubator Company
13 Henry Street or 67 Barclay Street
Buffalo, N. Y. New York City



Robert H. Essex



We Make Everything For Poultry Keepers

Incubators and Brooders

(17 Sizes and Prices.)
Including
Mammoth Incubators

Laboratory Products

Nutrine Chick Salts
Quic-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 Cat
Charcoal

Poultry Supplies

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

Equipment

Thermometers
Hygrometers
Thermostats
Electric Regulators
Heating Systems
Lamps
Gas Burners
Egg Testers
Pedigree Trays
Spray Pumps
Perch Supports
Colony Houses
Colony Coops
Brood Coops
Chick Shelters

Write For Our Free Catalogue

WHITE ORPINGTONS



Foundation of Midlothian Strain Imported

First Prize Pen Great Chicago Show

BEST BLOOD LINES IN AMERICA

You can improve the quality of your flock with MIDLOTHIAN STRAIN utility, breeding and exhibition stock, or eggs. Twenty special matings. Write for mating list. It is Free.

Why we charge for our Catalogue

Every thinking person must know that the large expense entailed in getting out a catalogue must be met in some way—usually by an additional charge for stock and eggs. We do not feel that this large expense for our handsome WHITE ORPINGTON CATALOGUE should be borne by our customers, because of an indiscriminate distribution. For this reason we are charging 25 cents for it. This price will be deducted from all purchases. The catalogue describes in detail the care of fowls and the methods of feeding on the largest WHITE ORPINGTON FARM in the country, is instructive from cover to cover and, from this standpoint alone, is fully worth the purchase price.

White Orpington Catalogue 25 Cents

Midlothian Farms, Box 300, Tinley Park, Ill.

John G. Poorman, Mgr.

Largest Practical White Orpington Farm in America.

Blood Lines, Strength and Vitality

Three very essential points to consider when buying birds to head your flocks or place in your yards. It is a conceded fact that no strain of fowls carry the BLOOD LINES, STRENGTH and VITALITY that do

U. R. Fishel's White Plymouth Rocks

Never have we been in position to give you as good value for your money in choice cockerels as at the present time. Good strong husky fellows that we know will stamp that "BEST IN THE WORLD" Fishel quality on your flock.



1000 Selected Cockerels to Sell

as well as over five thousand selected breeders, which we can mate up for you in any way you desire them. Our winnings at

22 Large Shows and 5 Expositions

surely convince you of the superiority of the Fishel "BEST IN THE WORLD" White Rocks.



Eggs for Hatching \$10 per 15, from the best matings we have ever owned.

Eggs for Hatching \$10 per 100, from our sale stock that is sure to throw many winners.

Baby Chicks From best matings, \$1.50 each.
From sale stock \$25 per 100.

Send 25 cents for our 64-page catalogue, worth dollars to any one. The best poultry catalog ever issued.

Remember the household word in all sections is that Fishel more than pleases his customers.

U. R. FISHEL,

BOX B,

HOPE, IND.

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 PRIZES), TWELVE SECONDS, ELEVEN THIRDS, NINE FOURTHS, TEN FIFTHS and FIVE SIXTHS, (New York this year giving six ribbons). In all SEVENTY-FOUR RIBBONS.

This was indeed the largest winning ever made by anyone at New York. Mr. Crawford told us that in the history of the Garden, for twenty-three years, our entry was the largest that had ever been made and that our check for that, \$189.00, was a larger amount than ever before had come to him. Not only that, but he was very glad to tell us that the check he made out to us for our money winnings, for the amount of \$255.00, was the largest single check ever given to anyone winning prize money at Madison Square Garden.

This simple statement of facts, however, hardly gives any conception of the sweeping characteristic of the winning in each and every variety.

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.

If you had seen this, the grandest exhibition of Buffs that was ever gotten together at one place, and had examined bird for bird, you would have been really filled with surprise and wonder that in spite of all this competition Owen Farms' birds had succeeded in catching the eye of the judge for the Blue Ribbon in each and every class.

That we are going to give you in stock in Buff Orpingtons for breeding, the best color, type, head points, including eye, comb and other details, that can be furnished by anyone, is, we confidently believe to be true, and that our pens mated together as they are this year, including every one of these grand winners, will have no equals from one end of the line to the other.

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.

Surely this demonstrates what Owen Farms can do for you in White Orpingtons, both in stock, of which we have a large surplus, for foundation breeding and to strengthen your breeding pens, and in eggs for hatching. Surely this year our matings will be far better than ever before in our history and include the best birds in the United States.

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 our 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: Fourth and Fifth Cock; Fourth Hen; Fifth Cockerel and Fourth Pullet; 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.

We raised this year a large number of White Rocks, very much larger than usual, and we have still birds of the very finest quality to strengthen your breeding pens, both in male and female. Noted as our birds are for perfect color, broad in the shoulders, with wide back and well spreading tail and carried exactly at the right angle, together with perfect head points and fine station, makes it very easy for us to give you most decided help and success in White Rocks. Our pens as mated up for hatching eggs this year will contain all these New York winning birds together with many others that have won in past years, and together form decidedly the best pens of White Rocks that we have ever put together. We cannot help but give you birds of the highest quality, and we are sure that it will be true next year, as it has been in the last, that more winners in White Rocks throughout the United States will be bred from Owen Farms' eggs for hatching than from any or all other sources.

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. The Fourth Pullet was not far behind our winner, and as two pullets were about as remarkable for shape, color, head points and barring as any two pullets ever shown. In fact, it was generally commented that the First Pullet was the best pullet ever shown up to date. We won, also, Second Hen, a grand bird and very close indeed to the winner. We can positively say that in our matings this year, with the grand material which we have had for years past, added to the finest lot of young males and females that we have ever had on Owen Farms, that our eggs for hatching will produce just exactly what you are wanting to go into the show room and win.

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; 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.

We are mating these birds up into pens that will stand absolutely without rivals as White Wyandottes to produce the winners of this year, and I am positive that our customers in White Wyandottes will be more than satisfied with results.

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

W. BARRY OWEN, Proprietor.

MAURICE F. DELANO, Manager.

OWEN FARMS

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 Cockerel in Single Combs. Our Rose Comb First Cockerel was decided to be the champion male in Reds and was admired by everyone who saw him. The First Pen was far better than any other pen and won very easily. We succeeded in taking Third Cockerel, and Second and Sixth Hen in addition to these other remarkable winnings. There is no doubt whatever that we have mated together this year in Single and Rose Comb Reds the best birds ever gotten together at one farm. We have not sold, and we shall not sell, any of these grand birds, for we are going to give our customers as well as ourselves the advantages of breeding birds that will be sure to show next year and be successful in winning the highest honors.

Silver Penciled Plymouth Rocks

Our Mr. Davey has been breeding Silver Penciled Plymouth Rocks for some years and we have a remarkably good flock here. We showed a string at New York which won four firsts: cockerel, hen, pullet and pen. Also, third cock, fifth hen, fourth cockerel and third and fifth pullet. We have mated up a very limited number of birds this year and we can offer eggs for hatching from these pens that will surely give you a very fine start and foundation in this grand variety.

Columbian Wyandottes

We have been quietly and carefully breeding Columbian Wyandottes and this year we have shown them twice; first at Brockton, where we made a very grand winning, winning first and fifth pullet; second cockerel and second pen.

At New York we won the first pullet which was quite the sensation of the Columbian Wyandottes exhibited. We also won fourth pullet and fourth pen. We have confined our matings in Columbian Wyandottes to a very small number of pens which you will see described in our mating list, and I am positive that in quality and perfection, both in male and female, we will give you just exactly what you are anticipating.

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.

The Ten Dollar Egg

Many eggs have been sold throughout the United States for \$5.00 and \$10.00 each. The value of these eggs arose from the prospective possibility of raising the very best bird of the year in some particular variety. The sire heading such a pen was considered phenomenal and at the very

head of the breeding birds in that particular breed. Surely Owen Farms possesses in their New York winning male birds in each and every variety birds that cannot be paled in any other position than the very highest class, and the best birds of their year. Any egg from the pen which contains our first White Orpington cockerel, our first Buff cockerel, our first White Wyandotte cock or cockerel, our first Black Orpington cockerel, our first Single Comb Red cockerel, our first champion Rose Comb cock, our first and champion Barred Rock pullet, I honestly believe has the greatest possible prospective value in producing a phenomenal bird and one of the best birds of the year. We are not charging \$5.00 or \$10.00 an egg for the eggs from these pens. Eggs from these pens, however, will go into all sittings ordered from us and we shall see to it that you have in every case an opportunity to raise the best bird of the year from our very best male birds.

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 or 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.

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



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 A PIECE 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 from 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.

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.

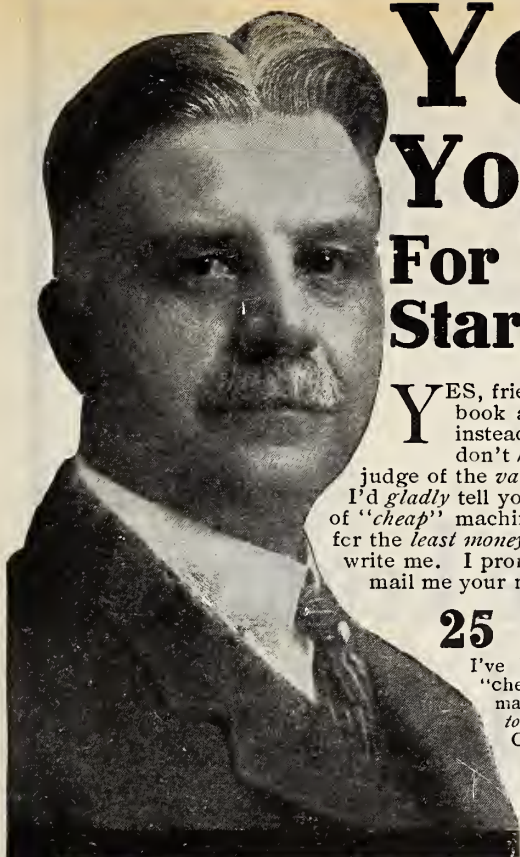
E. J. L.,
Pennsylvania, July 20, 1909.

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.

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.

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



You'll Be Glad You Wrote to Miller For His 1912 Free Book and Startling Surprise Offer

YES, friend, you'll be *glad* you wrote me. You'll be *glad* to get my fine, free book and startling *surprise* offer. You'll be *glad* to hear me talk *quality* instead of *price*. And I can do it because my *prices* speak for *themselves*. I don't *have* to make excuses. I simply tell the *plain truths* and let *you* be the judge of the *values* I offer.

I'd *gladly* tell you my low prices *here*. But if I did, you might class me with the makers of "*cheap*" machines. I believe you are interested enough in getting the *best incubator* for the *least money*, to at least *write* me. I think you will be fair enough to *yourself* to write me. I promise to *surprise* you. I promise that you'll be *glad* you wrote me. Just mail me your name and address on the coupon below—or on a postal.

25 Years' Record For Quality

I've been in the poultry and incubator business for 25 years. I've never built a "cheap" machine in all my life. Quality has *always* been and *always will* be my main object. Yet my *prices* compare with what is asked for machines that *can't touch the Ideal for quality*.

Close your ears, for a minute, to the wild claims and silly prices some people are making. Get my book and my offer. I have enough confidence in your judgment to stand or fall by your decision. 25 years' experience has proved that my stand on quality is the best, after all. If you are in the poultry raising business to stay—to make the most money—to get the most satisfaction, all I ask is that you send me your name and address *now*. I want to quote you prices that will *please* you—and tell you *all* about my 1912

IDEAL INCUBATORS and BROODERS

Walls are made of five thicknesses of material—three walls of finest quality long leaf lumber which does not crack or warp, with thick flax fibre and quarter-inch *genuine* asbestos in between to hold the heat *in* and keep the cold *out*—saving your oil and keeping down the cost of hatching. Top and bottom are strong, double-walled, with asbestos between. We furnish automatic ventilators, best safety lamp, burner, chimney wicks, metal swinging lamp bracket, metal egg testers, strongest and best egg trays, best thermometer ever put into an incubator and—a regulator that takes complete and perfect care of the temperature.

I want you to read the details—the fine points—on materials and construction of Ideal machines. Then decide whether the Ideal is the incubator you want or not.

Miller Helps You

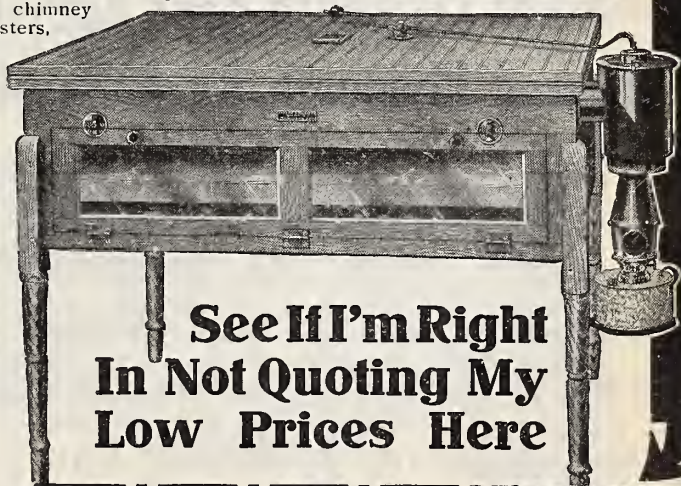
Every customer gets the benefit of my long experience. I tell you just how to operate the Ideal for best results. I tell you how to take care of the eggs *before* putting them into the Ideal and *while they are in*. I tell you how to take care of the chicks, how to feed them, how to raise them to earliest maturity, at least expense and for greatest profit. I tell you these things in plain words, easy to understand. It has taken me 25 years to learn. Don't you want my help? It is *free*—to my customers. You see, I am greatly interested in your success *after* I sell you an Ideal. I want you to be an *Ideal* booster. That is why I help you all I can.

Mail Coupon NOW

I don't claim or promise 100% hatches every time even with the high quality Ideal. I'd be foolish to do it. But I *do* claim and promise that you will make *more money* for *more seasons*, with an *Ideal* incubator than you could with *any other* make. That's why I want to send you my fine, 1912 Free Book and Surprise Offer. I know you will be glad you wrote me. Will you mail me the coupon or a postal now? Do it before you forget. At least, tear out *coupon* now and send it later. But don't buy *any* incubator at *any* price till you hear from me.

J. W. MILLER

J. W. MILLER CO., Box 123
Freeport, Ill.
The Chas. H. Lilly Co., Western Distributors, Seattle or Portland



See If I'm Right
In Not Quoting My
Low Prices Here

Here Is YOUR Coupon!

J. W. MILLER CO., Box 123, Freeport, Ill.

Please send me your Free Poultry Book and 1912 surprise offer on Ideal Incubators and Brooders.

Name.....

Address.....

State..... R. F. D.

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

Single Comb White Leghorns Barred Plymouth Rocks

PRICES:

White Leghorn Eggs for Hatching, per dozen	\$.75
White Leghorn Day-Old Chicks, each	: .10
Barred Plymouth Rock Eggs for Hatching, per doz.	1.00
Barred Plymouth Rock Day-Old Chicks, each	.15

We have the finest and most perfectly equipped Poultry Farm in the World, and can turn out Eggs for Hatching and Day-Old Chicks earlier in the season on account of our facilities. Our breeding stock of over 3,500 birds are in perfect condition and unexcelled for fine points. Send for free catalogue.

THE BROOKSIDE FARMS, GREAT BARRINGTON, MASS.

M. M. Johnson, The Incubator King, Who Has Made and Sold Over 325,000 Old Trusty Incubators

The Secrets of the Success of these 325,000
Incubator Users are yours FREE—for the Asking

SUPPOSING you had the inside facts—the inside information—the experience—the practical knowledge—that an army of 325,000 successful users of Incubators could give you—don't you think it would help you in choosing an Incubator to make money with?

Johnson, the King of all Incubator Makers—at Clay Center, Nebraska—has

all this information—and he wants to send it to you FREE—in addition to his own practical knowledge and experience gained in raising Poultry on a big scale and in the manufacture of 325,000 Incubators. All this information is centered in Johnson—and he has written it into his Big Book for 1912 which is now ready and FREE to you for your name and address on a postal.

Old Trusty Incubators

Famous the World Over—Sold for Less than \$10—Freight Pre-paid—30 to 90 Days' Free Trial—10 or 20 Years' Guarantee

The Old Trusty is made like a watch—self-regulating to a quarter of a degree—guaranteed to give 75% better hatches. Read the brief description which gives proof of the superior quality of its construction.

Triple-cased throughout—inner case of high-grade 3/4-inch powder-dry California Redwood—middle case of highest grade asbestos—fire-proof insulation—outer case, legs and all, of galvanized metal, handsome mottle finish—equipped with guaranteed-not-to-leak cold-rolled copper tank and heater—indestructible—can't warp, swell, or open at the seams—with best thermometer, egg-tester, trays, and instructions—ready to run with sure results by anyone—no trouble—worry—or experimenting. Safety lamp and regulator fitted on at side—top clear for use as table in egg-testing.

The best machine of any kind always hasthe

largest sale. That's why the Old Trusty outsells any five other machines made—every year. And it's because Johnson sells five times as many machines as any other maker that he can make such a low price on the highest-quality patented machine made. No other manufacturer can equal the Old Trusty—because Johnson owns the patents that prevent them from doing so. Every exclusive feature of the Old Trusty is patented—so you can get them only from Johnson. Write for Free Book Today. When he sends the Book Johnson will tell you for how much less than \$10 he'll sell you an Old Trusty. Why pay double Johnson's price for a machine of inferior quality? Why not join the Old Trusty family of 325,000 satisfied customers? Read their experience and let their success point the road to your success. Poultry is going to bring big money this year—there are big profits to be had. Why not start right in the beginning—and get the best machine at the smallest outlay? Address

M. M. Johnson, The Incubator Man,
With a Score of 325,000 Satisfied Customers
CLAY CENTER, NEB., *The Place Where Most Incubators Come From*



30 to 90
Days'
Free Trial

Less Than \$10
10 to 20 Years'
Guarantee

Johnson
Pays the Freight
(East of Rockies)



Over 300
Photographs

—Send Johnson your name on a Postal today for His Own Big 1912 BOOK FREE.

"BORN TO THE PURPLE"

KAUFMANN & WINDHEIM'S

ROSE COMB

RHODE ISLAND REDS



In the largest and best ever brought together in competition with such Almy, Owen Farms, and

class of Rhode Island Reds the great New York Show breeders as Tompkins, other notables,

Win More Firsts Than All Other R. C. Red Breeders Combined

First Hen, First and Second Cockerel, First and Second Pullet, minor prizes, the Rhode Island Red Club of America cup for best cock, hen, cockerel, pullet and pen; the New York Show Association gold special for best display, and all specials on female, at

Madison Square Garden, New York City, 1911

At this, the Imperial Show of all America, we have won: In the last five years, as many firsts as any other breeder; in the last four years, as many firsts as any two breeders combined; in the last three years, as many firsts as any three breeders combined; in the last two years, as many firsts as all others combined, and in the last year more firsts than all other breeders combined. This record proves conclusively that

We Lead the World in Rose Comb Reds

Write today for our handsome free catalogue which describes the 26 pens we have mated for the egg trade. These pens contain more Madison Square Garden blue ribbon winners than the yards of any other four breeders combined. If you are in the market for the best that grow—come to headquarters.

KAUFMANN & WINDHEIM, NUTLEY, N. J., U. S. A.

The largest exclusive breeders and exhibitors of Rose Comb Reds in the world

THE White Wyandottes

FOR UTILITY AND BEAUTY

HEAD THE LIST

The World's Best Strain

is OUR production and represents almost a lifetime of careful breeding and scientific mating. They hold an unbroken record for years, taking the prizes in every leading show when entered, either by us or our hundreds of customers. Our stock is all pure bred and line bred and has and does reproduce itself in all of its PURITY, BEAUTY and UTILITY. We have only the one breed but hundreds of the choicest specimens of that breed and can supply your every need.

We have mated our breeding pens and find we are so crowded for room that we intend to offer our birds for sale at prices that will move them. Select the bird or birds you want and order direct from this ad. and get first choice.

BARGAINS

150 cockerels, all around good breeders, really \$15.00 and \$20.00 birds, must go at \$10.00 each. 200 utility cockerels worth twice the money asked, will close them out at \$5.00 each.

100 laying hens, lay when eggs are worth the most, sale price \$3.00 each.

75 pullets, intended to sell at \$5.00, will take \$3.00 each. 50 pullets, fine in shape and color, good breeders, now selling at \$5.00 each.



BARGAINS

50 cocks, birds we carried over in case of needing them for our breeding yards, last season, you know they are bargains at \$10.00 to \$15.00 each, according to quality.

50 cockerels, pure white, extra good shape, fit to trot out in best shows, worth from \$25.00 to \$50.00 each, will sell at \$20.00 each.

50 pullets, extra fine, top-notchers, worth \$20.00 but to move them they will go at \$10.00 each.

We are here offering you a grand opportunity to get some of the WORLD'S BEST WHITE WYANDOTTES at a bargain, whether it be a male bird or a flock to get your foundation stock. Order direct from this advertisement and get first choice, we must have the room and at these prices this stock will go.

EGGS

EGGS

EGGS

Our yards are mated and we are now in position to fill orders. Our complete and elaborate catalogue is free, also our mating list to persons interested and will be sent on request.

J. C. Fishel & Son, Box W, Hope, Ind.



FISHEL'S "BEST IN THE WORLD" WHITE PLYMOUTH ROCKS. OWNED AND BRED BY U. R. FISHEL, HOPE, IND.

Portrayed in the above group are ten White Plymouth Rock Cockerels, of U. R. Fishel's "Best in the World" strain, as they are grown on his world wide noted farm "Fishelton" at Hope, Indiana. The family resemblance between these birds is very strong. Some of them I was told were full brothers, others half brothers, etc. The ability to identify this relation denotes the painstaking manner with which the breeding of this strain is carried on. During my visit at the farm, where the studies were made, I found numerous grand males among the pens which would make excellent models, in fact if pictures had been made of every worthy male which I saw we could show our readers many pages of them. The object of this group picture is to show to the interested public that Mr. Fishel breeds good ones and many of them. His trade in White Rocks extends around the globe and each year he supplies winners for the greatest shows and breeders for the breeding pens of his customers in many countries.—A. O. Schilling.

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SEX DIFFERENCE IN BARRED ROCK COLOR

THE DARKER FEMALE PROBLEM SOLVED. FEMALES SECRETE MORE BLACK, MALES MORE RED. THIS LAW IS ONE OF UNIVERSAL APPLICATION TO ALL BREEDS. HOW THE LIGHTER COLOR OF BARRED MALES IS EFFECTED. NATURAL STATUS OF BARRED COLORATION. BEGINNING AND CAUSE OF DARKER FEMALE TRAIT. THE IDEAL OF THE BREED SCANTILY PRESENTED IN PRESENT STANDARD

BY F. W. PROCTOR



ANY years ago a prominent poultryman asserted that the Barred Rock females darker color as compared with that of the male had been caused by the use of black females in the foundation cross, which gave origin to the breed. Reference was had to the Upham strain, which was traced back to a cross of a Dominique male upon Black Asiatic females; the presumption being that the familiar darker female trait which this breed has always displayed had been handed down as a special female characteristic, having originated in the above mentioned cross.

The Upham strain was but one of many distinct origins of the Barred Rock, and it would be idle to presume that in all cases Dominique males had been bred to darker females. Indeed, in one recorded instance, to be found in the old Poultry World, published in Hartford, March, 1876, a strain of Barred Rocks which became widely disseminated had been founded by crossing a "light grey cock (light Brahma is here meant) upon a fine flock of Dominique hens, and breeding from the progeny, through careful, succeeding selection, and mating for color and points." Our modern Rocks combine the results not only of some cross which is presumed by our old authority to have been the original one, but of numberless matings both before and since, including the use of White Rock and Light Brahma females for the purpose of brightening up the plumage. And the question naturally arises: If the use of black dams had given a darker tint to the female line, why should not a cross with white females restore the equilibrium of color in the sexes?

Whatever the merits of this old claim, it was generally accepted by the breeders of Rocks as the true explanation, albeit it explained nothing, and becoming hackneyed into tradition, has often been quoted from that day to this. Now, if our old-time authority had only taken time to look about, he might have discovered that this darker female trait is not peculiar to the Barred Rock, nor to the various breeds wearing the barred color alone, but is a general characteristic of all breeds, constituting one of several sex-attributes of color. Our old-time authority, if he had gone to his flock of Light Brahmas and allowed his sense to grasp what his eyes must have seen would have found the law in evidence, upon the females, as displayed in the larger amount of black in sections given to black—in neck, wings, tail and under color—than seen in the males.

This darker female trait is a common inheritance of the race at large. Not all colorations are equally favorable for observing the effects of this law. Those made up of black and white, especially where white largely predominates, as the barred, light (or Columbian) and solid white, furnish good examples. In others, while the law is operative, conditions do not allow of our discriminating as to the relative amounts of black and white in the male and female.

It is to a general misconception of the permanent nature of the difference in the color of the Barred Rock male and female that we owe that breeding fiasco of a few years back, when certain breeders become devoured with the

belief that they were gradually bringing the male and female together upon a common plane of color. Standing upon the old black dam tradition, the idea gained that through skillful breeding the two sexes might be brought to a common ground, so that a single mating would suffice and produce males and females matching in color. If black dams, not so long ago, had brought in this disparity of color, why not by recourse to proper mating undo the mischief? Breeders and writers generally joined hands in celebrating the advent of single mating strains of Barred Rocks. If fanciers were accustomed to give due attention to the natural laws controlling color production, this absurd break never could have happened. It is as natural for the Barred Rock male and female to differ in color to me, as in other sex attributes, including size and shape of body and length of feather. Another generation will show us the typical male, both in shape and color, to be the pullet breeding male, as the ideal for the breed.

Now, if we bring males of various colorations before us for comparative study, we shall discover that along a certain line they develop more color than females—in effects arising in the development of the red pigment. Take the Rhode Island Red. Here the males are noticeably the redder sex. Also the various buff breeds. As to pigmentary source, buff is identical with red, save as to amount developed. Buff males invariably tend toward deeper color (they secrete more red) than do the females. Blot out more color, until white is reached—the technically colorless. Here we still find a trace of red in many male specimens in the form of brassiness, the females of identical blood remaining pure white in color. The Rhode Island Red constitutes the best examples of this sex difference of color; both red and black being enough in evidence to illustrate the greater depth of red color in the males and of black in the females. The Standard wording in this respect recognizes this characteristic by specifying for the hackle of female a ticking of black where the male's hackle is clear red, and for the male a larger development of red for male than female, in the words: "depth of red color is slightly accentuated in wing-bows and back."

As regards the beginning and cause of the darker female trait, we must look back into the remote past to a period when the plumage and its color were in process of evolution, for the time was when fowls had neither. The past history of animal life is not such a sealed book as has been supposed. The unerring hand of nature had left upon animals a record of the successive stages of their development; and by fitting fact to fact according to scientific method we may come in to a knowledge of their past far more conclusive than mere tradition or the theories of those with a gift for building upon false premises. The discussion of problem, how the gallinacious race came to differ in the relative amounts of the two pigments developed in the two sexes is a matter that calls for separate consideration, and I will treat of this in a succeeding paper. We are now concerned with the question of the color difference of the two sexes of Barred Rocks.

(Continued on page 397)

WHITE WYANDOTTES AS UTILITY FOWL

NO MORE ATTRACTIVE VARIETY DESCRIBED BY THE STANDARD. NONE COMBINE UTILITY VALUES TO A HIGHER DEGREE. TWO POINTS ALONE THAT MAKE FOR THEIR POPULARITY. A WORD REGARDING INJURY DONE THE BREED BY SOME FANCIERS. PROLIFIC LAYERS—UNEQUALED AS BROILERS OR ROASTERS—MATURE EARLY. AN AMERICAN VARIETY ORIGINATED ON AMERICAN SOIL AND DEVELOPED BY AMERICANS

BY F. H. WOOD

[EDITOR'S NOTE:—There are many varieties of poultry known to the present day breeder. Each variety has its followers to a greater or lesser extent depending upon the value of the breed as an exhibition or utility fowl. The White Wyandottes have long been popular with both the fancier and utility breeder and their many strong points are clearly brought out by F. H. Wood in the accompanying article. Mr. Wood has bred White Wyandottes for years and is well qualified to write of their excellence. He furnishes very convincing argument why the White Wyandotte is in his estimation the peer of all varieties.]



IN a letter asking me to write something about White Wyandottes along practical lines, Mr. Denny says, "There has been so much in print about White Wyandotte shape, snow white plumage, etc., that most of those who are turning their attention to poultry think they are a ultra fancy variety instead of one of the foremost of the utility varieties." But to the writer after giving the foregoing expression

said about the variety under consideration, for the very description in the Standard makes for the most attractive and desirable poultry carcass when exposed to view in the market stall.

SHAPE—ITS IMPORTANCE

We read from the Standard that the body must be "short, deep, round." Back, "broad, flat at shoulders; saddle, broad." It also instructs that "fanciers should strive to maintain its short, broad back and deep round body." Right here in this matter of short body is where much injury is being done the breed. In recent years too many White Wyandottes winning leading prizes at our shows have been too short in body and back; so much so that the concave sweep from shoulder to cushion has necessarily been too abrupt, which has given these specimens a deformed rather than a symmetrical, well balanced appearance, to say nothing of the tendency to lessen their usefulness as egg producers and as market poultry. I believe that it was Editor Curtis who not so very long ago said that, "Some specimens are so short of body that they can lay only a round egg." The writer can not see that such specimens are either beautiful or useful. Let us have a rational interpretation of the Standard without going to extremes. I think the Standard-makers should qualify the length of back and body so as to overcome this tendency toward extreme shortness and compactness. The writer does not wish to be understood that he deems it necessary that a chicken must be long of body to lay large number of eggs, for it has been proven to the contrary. Extremes should be avoided.

The female White Wyandotte with its Standard requirements of broad back, broad, deep, round breast, deep, round body, low set keel and legs set well apart goes to make up the proportions of a fowl that has plenty of room inside to digest her food and manufacture it into a large number of eggs at minimum of cost.

CHOICE MARKET FOWLS REQUIRE SPECIAL BREEDING

Judging from the letters received from customers and

[Continued on page 401]



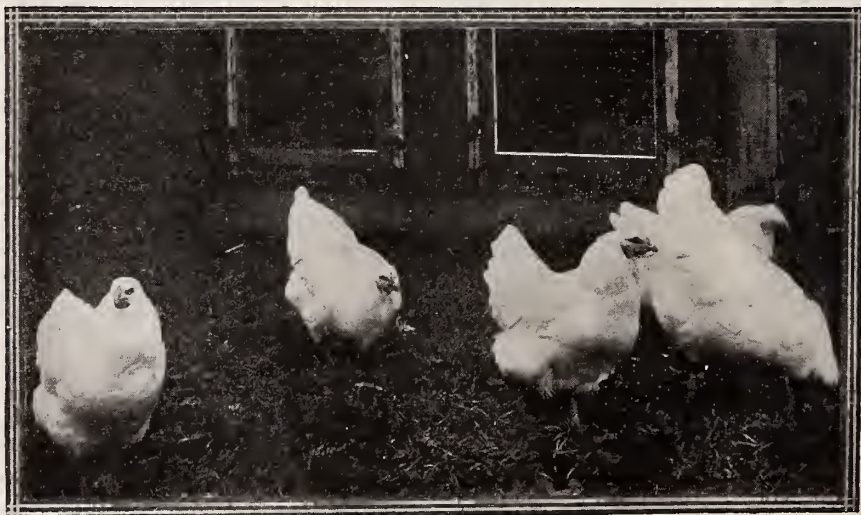
A trio of high class White Wyandotte Cockerels, birds that any breeder could feel proud of. These were bred by F. H. Wood, Cortland, N. Y., and the camera caught them as they roamed over one of the many green fields on Mr. Wood's farm.

due thought it is little wonder that it should be so, for with its beautiful contour, graceful curves and soft white plumage, the American Standard of Perfection describes no more attractive or alluring variety of fowls, and consequently today its popularity is as wide as civilization itself.

A DUAL PURPOSE FOWL

As a fancier's fowl, it is a decided favorite in nearly every show room in every country where poultry shows are held. But it is as a practical utility fowl that the merits of this variety stand out bold, firm and as invincible as the "Rock of Gibraltar." It is, after all is said and done, the practical or useful qualities that furnishes the solid and lasting foundation upon which the White Wyandotte rests.

We hear and read not a little in these days about the American Poultry Association and the Standard of Perfection working and not providing for the utility side of poultry culture. I do not believe this can be correctly



This beautiful group of pullets, like the cockerels illustrated above, were caught by the camera in natural attitude as they were enjoying the liberty of free range, and like the cockerels show the results of careful and painstaking breeding.

THE TWO HUNDRED EGG HEN

THE IMPORTANCE OF TYPE AND ITS RELATION TO THE PRODUCTION OF EGGS. EXTREMES IN EGG PRODUCTION MEANS EXTREMES IN TYPE. THE ASIATICS AND MEDITERRANEANS REPRESENT THE EXTREMES IN TYPE, ALSO IN EGG PRODUCTION. COLOR OF MINOR CONSIDERATION. DOES A DIFFERENCE IN SHAPE OF VARIETY CAUSE A DIFFERENCE IN SIZE AND SHAPE OF EGG? IS IT POSSIBLE TO DEVELOP THE LAYING QUALITIES POSSESSED BY MINORCAS AND LEHORNS IN OTHER VARIETIES HAVING SHORT COMPACT BODIES?

BY FRED. C. GABRIEL

(EDITOR'S NOTE:—In the following article Mr. Gabriel has very thoroughly described the type or shape that is necessary for a fowl to possess if it is to prove exceptional as an egg producer. Many will agree that Mr. Gabriel has struck the right chord when he states that type is the great factor in influencing egg production; short, compact bodies and high egg records do not go together.)



SO much has been said that is true and untrue about the 200-egg strain of this or that variety, and so many persons are honestly mistaken and a few of them willfully so, that I have concluded an article on the subject would interest many readers.

At the beginning, I think we Americans owe the true American fancier a compliment, for he has differed with his English cousins in this; utility, right down usefulness, has been his first aim and then fancy points afterwards. Not so with our English fancier. See the English type of Langshan for example. They practically ruined the useful qualities of that bird, while here the breed enjoys its share of popularity and is truly a very useful fowl. The tendency among all breeders of today is to produce a fowl that is not only beautiful but useful, one that will eclipse the common scrub, one that will by merit alone force itself upon the farms and in time supplant the mongrels.

TYPE DISTINGUISHES THE LAYER

So many beginners say, "Why do you breed a black or why do you breed a white, or some other colored fowl?" "Don't you like this color better?" "My dear reader, color has nothing to do with the subject of REAL UTILITY, it is TYPE that you must look to, and perhaps you may find your favorite color in that type and perhaps not. The theory has been advanced and was tried out at the Maine Experimental Station a few years ago, namely, of breeding only from those hens which layed the most eggs. At that station it was attempted to establish a 200-egg strain of Barred Rocks by the use of that system, but the trial proved a failure. Some have said that such a strain cannot be established. I believe, however, it can be, perhaps is already here. I feel reasonably sure that it will be an absolute certainty in a few years, if the right principles are followed.

AT THE BEGINNING

The theory of breeding from the best layers is good, but it is only one-half of the problem; the balance of it being the type, that is, shape of the hen. You will agree with me that there are three well defined families of fowls namely, the Asiatics, a meat producing fowl; the American, a general purpose fowl, and the Mediterranean, an egg producing fowl. A careful comparison of these three families show that the Asiatic is one extreme and the Mediterranean the other, with the American about midway between.

The Maine Experimental Station was taking a general purpose fowl and attempting to reach the extreme in egg production, but making no corresponding effort to reach the extreme in type. The Rock type was being main-

tained. To illustrate, there are three types of horses—the draft horse, the general purpose horse, and the race horse. The general purpose horse can neither pull the heaviest load, nor trot the fastest. Why? Because in type he is a happy medium between the two. Would you attempt to establish a race of two-minute trotters or pacers by breeding from the fastest general purpose horse and expect to reach it, and maintain those general purpose qualities? Of course, you would do no such thing. You know that in order to have speed the lines of the race horse must be followed. Why? Because it is a physical impossibility, with rare exceptions, for a horse built on the lines of a general purpose horse to make great speed, and maintaining the original type is beyond the realm of possibility. Or to put it another way, would you attempt to breed a strain of draft horses built on the lines of the race horse?

EGG PRODUCTION VERSUS TYPE

Now let us return to the Maine experiment. It was sought to establish a 200-egg strain by using that grand old variety the Barred Rock, and while it was breeding from the best layers, the fact has been overlooked that that breed had a well established type, and that in order to get an extreme egg production, it must go to the corresponding extreme in type. These two things must go hand in hand in order that the great laying qualities may be transmitted.

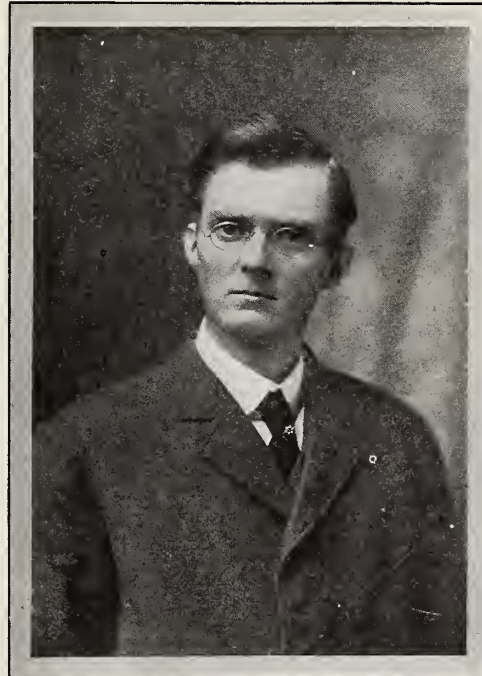
PREJUDICE OBSCURES VISION

You ask what is the Mediterranean type, this so-called laying type? Before answering, I want you to lay aside prejudice in considering this question and go with me in seeking the truth, for it is only so that the poultry industry can and will grow. Remember that the meat of a black chicken is just as good as that of a white one. Could you tell when you ate your pork chop whether it was from a black hog or a white one? Superstition was buried with the Salem witchcraft horrors. Prejudice is the cloud that obscured the clear vision of the juror and by reason of which he is dismissed from the panel. Black legs, white legs, blue legs are each and all as good as yellow legs, you don't eat them anyhow. If you can tear away the veil, lift your head above the cloud of prejudice and look. See the great egg plants over the country, as a rule keeping White Leghorns. Why? Because they are wonderful layers, perhaps no better than other Leghorns, except that they have the advantage of solid color, and physical perfection is not so liable to be sacrificed to color in the selection of breeders.

WHAT IS LAYING TYPE?

Again, what is the laying type? It is represented by the Mediterranean family and most prominently by the

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Fred C. Gabriel, South Bend, Ind., originator and breeder of the Raven Black Strain, S. C. Black Minorcas.

TRUTH ABOUT INDIAN RUNNERS

SOME BREEDING REQUIREMENTS WHICH MUST BE OBSERVED IF BEST PRACTICAL VALUE IS TO BE PRESERVED. SOMETHING OF THE ORIGIN OF THE INDIAN RUNNER. THE ENGLISH STANDARD DISCUSSED. AMERICAN AND ENGLISH TYPES DIFFER. ENGLISH RUNNERS SELDOM THROW WHITE SPORTS WHILE IT IS OF FREQUENT OCCURANCE WITH AMERICAN BRED RUNNERS. VARIATION OF COLOR INDICATES FOREIGN BLOOD

BY MRS. ANDREW BROOKS

[EDITOR'S NOTE:—In the accompanying article Mrs. Brooks has gone very thoroughly into the Indian Runner Duck question. As a breeder of prominence of this variety she handles her subject in a very interesting and intelligent manner. No doubt but there are some who will take exception to some of Mrs. Brooks' statements. Be it so, it is this difference of opinion that makes life worth while. An exchange of ideas usually broadens opinions on the subjects discussed, and thus progress is made. Therefore, it is hoped that Mrs. Brooks' article will assist in bringing about a better understanding between breeders and prove of benefit to the breed.]



MUCH has been written about the utility values of Indian Runners in the last few years and but little has been said about fancy requirements, except to advise beginners to breed to the Standard. At first the writers united in praising the laying qualities, saying nothing about color of eggs and but little as to color of plumage of the ducks and drakes, nor did the writers give any idea of what constituted a good Indian Runner. As a result, purchasers often really blundered into Runners, not knowing whether they were buying the American Standard show type Runner or the English Standard Penciled Indian Runner—the real Runner, or whether their stock was the product of the two varieties crossed and intermingled. Many conflicting statements are going the rounds of the poultry press, many of them tending to confuse the beginners, maybe unintentionally, but they show that there are but few breeders who understand the breed, or the situation in America. Some of these statements I wish to refer to before the close of this paper.

Before we can intelligently breed them for exhibition or for commercial purposes, it is imperative that we understand Indian Runner characteristics, natural tendencies and color. To do so we should make a study of the breed; we need to know all that is possible to learn of their origin and history. Then if we can not improve them we can, at least by right methods of breeding, prevent deterioration and preserve the most valuable attributes.

Indian Runners may be called an English breed as they have been bred in England many years longer than here, where they have been introduced less than twenty years. English writers undertook to make the breed better known and the two most notable publications are by Mr. John Donald, written about twenty years ago, and another little treatise written by Jacob Thomlinson. A book will soon appear written by Mr. J. W. Walton, secretary of the English Runner Duck Club, which, it has been promised, will give interesting evidence not heretofore published. As to the origin and nativity of the breed, I predict that he will show that the breed is a very ancient one, dating back centuries ago. The prepotency of the breed proves that character has long been fixed; this has been made use of by crossing them with other breeds. Mr. Thomlinson said that when a true Indian Runner drake is crossed with other ducks that quite eighty per cent. of these crosses will favor the Runner as to soundness of color and markings.

ORIGIN OF INDIAN RUNNERS

According to Mr. Donald it was upwards of seventy

years ago that a drake and a trio of the ducks were brought originally to England from India by a sea captain who presented them to his farmer friends in West Cumberland; his attention when ashore, had been attracted to them by their striking appearance and active habits this, combined with the accounts given by the natives of their capacity as heavy layers and the fact that they were foragers by nature, their running gait and activity enabling them to gain a large share of their sustenance a great portion of the year, suggested to the captain the idea of making a present of some of them to his friends. A later consignment was sent them from which it is said all the present day Indian Runners are directly or indirectly descended. Mr. Donald said the original birds strongly impressed

the economic mind of the farmer and for a long time they remained exclusively in his hands, then, as their fame as layers extended, the drakes were eagerly sought and employed to cross with common farm yard ducks, with a view to increasing egg-production and that many of the so-called Indian Runners in England are the product of these crosses and are of mixed parentage.

Mr. Thomlinson in his booklet makes the statement that we are indebted to Mr. Donald alone for preserving so valuable a breed from extinction and both their descriptions of the breed agree in essentials with the description of the English Standard for Indian Runners. Mr. Thomlinson tells us that the Water Fowl Club Standard was the joint effort of Mr. John Donald who wrote the description and the late Mr. Henry Digby who allotted the number of points. Only one variety is recognized by the Club Standard which is accepted by English judges in placing the awards. This Standard describes color in ducks as a warm shade of soft fawn with centers or ground color of feathers in breast of a slightly deeper (or brownish)

shade than lacing or penciling, with the pattern of the penciling being more conspicuous on shoulders and back of the bird, the exact shade of fawn color depending upon the length of time elapsed since the molt and the amount of fading caused by exposure to sunshine, but when the duck is seen at the distance of a few yards, the two shades appear blended in a warm true fawn. The body color of drake shows a soft fawn ground, finely peppered instead of penciled, with cap, check markings and rump next to tail of a bronzy dull green shade, but instructions are given that color and even markings must on no account be given preference to type. That activity must be sought for and foraging ability preserved by proper structure and shape with legs set well back to allow the running gait. Type, shape and carriage receive seventy-five

(Continued on page 403)



A PEN OF MADISON SQUARE WINNERS
BRED BY LAWRENCE JACKSON, HAYSVILLE, PA.

A pen of White Orpingtons of the Jackson quality. The individuals in this pen have received much favorable comment from breeders and judges and have the distinction of winning a pen prize at America's leading exhibition.

THE LONG OPEN FRONT HOUSE

HOUSE OF THIS TYPE AS USED AT THE MASSACHUSETTS AGRICULTURAL COLLEGE, AMHERST, MASS., DESCRIBED AND ILLUSTRATED. THREE-FOOT PLATFORM AT FRONT ENTIRE LENGTH OF HOUSE FOR USE OF VISITORS. MANY CONVENIENCES INCORPORATED IN CONSTRUCTION WORTHY OF NOTICE. THE NECESSITY OF FRESH AIR AMPLY ILLUSTRATED. FIVE SQUARE FEET OF FLOOR SPACE ALLOWED EACH BIRD

BY J. W. SAYER

Poultryman at Massachusetts Agricultural College



HAVE been asked to describe the long, open front house recently erected on the College farm, several illustrations of which may be seen on this page. This house differs in many ways from the types commonly in use and I think it is one of the most convenient as well as the most practical of this type of house yet constructed.

This house is 125 feet long, 14 feet deep, 8 feet high on the south side, 5 feet high on the north side and 12 feet high to the peak, and has a platform 3 feet wide on the front of the house. This platform was built for visitors, allowing them to see each flock, and the inside of each pen, without going into the house. Of course, this added to the expense of the house and would not be necessary on a commercial plant. The house is divided into 14 pens, 9 feet wide. Each pen has an open front 5 feet square and one glass door $2\frac{1}{2} \times 5$ feet. On the outside of the opening there is a removable frame covered with one inch mesh wire, the one inch mesh wire being used not only because it makes a stouter and more substantial frame but prevents the hens or the roosters from sticking their heads through and bruising their combs as they might if the two inch wire mesh was used. It also keeps out sparrows and breaks draft better. On the inside of this opening we have a drop curtain made of 8 oz. duck. Of course, this is much heavier than the muslin which is used in most cases, and probably doesn't allow quite as much ventilation as the muslin, but when we made these curtains we didn't figure on using them only during stormy weather to prevent the storm from blowing into the pens, and so thought by using this 8 oz. duck we would have a curtain that would last. The window in this pen is made and used as a door and was made this way for the use of students, so that they could step into their pens from the platform, and not have to go into the pen of another student.

DESCRIPTION OF INTERIOR

In regard to the partitions in this house, dividing the different pens, would say that there is a solid partition every 18 feet, or at the end of every second pen, the partitions in between are made partly of wire. The main object in making this partition of wire was to save on the

expense of building the house. The lower part of this partition underneath the wire is made as a sort of a door, which by raising gives us an 18 feet pen instead of two 9 feet pens. The upper half of these doors are made of canvas which makes them very light and at the same time prevents a draft. The dropping boards used in this house are $3\frac{1}{2}$ feet wide and are $2\frac{1}{2}$ feet above the floor with two roosts above them.

NEST BOXES

The nest boxes are placed under the dropping boards and are made in the form of a drawer. These drawers are $4\frac{1}{2}$ feet long, 14 inches wide and divided into 4 nests. A six inch board was used to make the partitions between the nests with a 4 or 5 inch board along the rear of the nests, which makes a platform for the hens to jump on before entering the nests, and the bottom of the dropping board makes the top of the next drawer. There is a 9 inch board at the front of the nest drawer, and when the drawer is in place, this 9 inch along with the 4 inches of the 2x4 used in the dropping board makes the nests about 12 inches high. The hens enter the nests from the rear, and which being the only opening makes them dark nests. The slides for this nest drawer are attached to the 2x4 which are a part of the dropping board. The runners on the nest drawer are one inch square and about three feet long, made of pine or chestnut having one runner on each end of the nest drawer. By having these runners a little longer than the width of the drawer, makes the drawer work very much better.

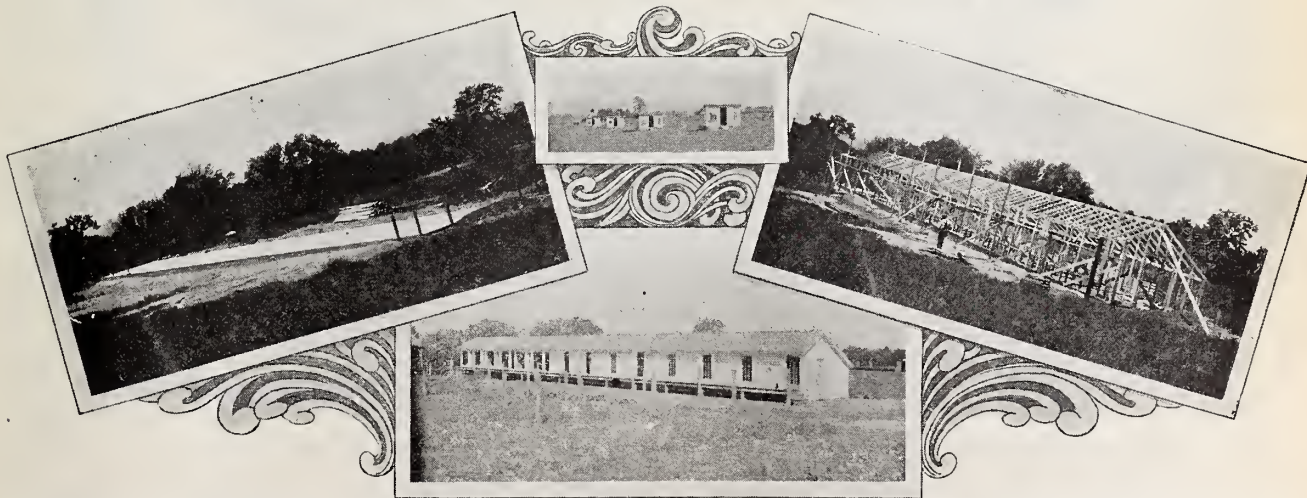
DROPPING BOARDS AND FLOOR

The roosts are made of 2x4 with the two inch side up, and were placed this way because they are not so apt to sag and get out of shape. The top edges of the roosts are rounded off. The floor of this house is of cement, which is covered with three or four inches of coarse sand, and four or five inches of baled shavings for scratching litter.

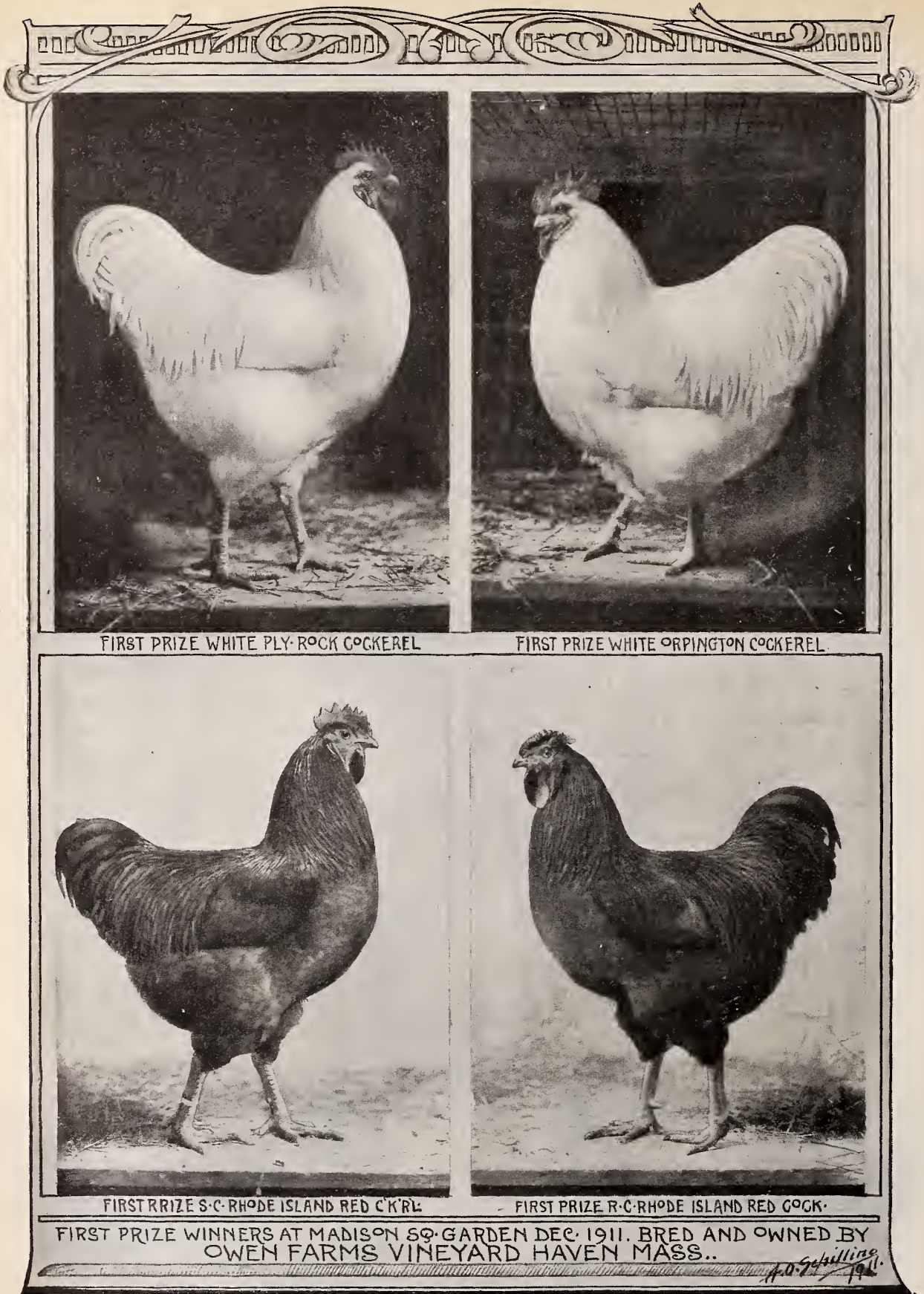
GENEROUS RUNS

The yards are 18 feet wide and about 100 feet long and into which we run two pens, both being of the same breed. The reason for making the yards this way was not only

(Continued on page 399)



A long curtain front house of new design recently erected at Massachusetts Agricultural College, Amherst, Mass. In this illustration on the left may be seen the foundation, with the concrete floor completed, ready for the frame work; on the right the frame ready for roof and siding, and in the center at bottom the complete house. The small picture at the top in center of illustration shows a row of colony houses in use upon the college farm.



FIRST PRIZE WHITE PLY. ROCK COCKEREL

FIRST PRIZE WHITE ORPINGTON COCKEREL

FIRST PRIZE S.C. RHODE ISLAND RED C'K'RL

FIRST PRIZE R.C. RHODE ISLAND RED COCK.

FIRST PRIZE WINNERS AT MADISON SQ. GARDEN DEC. 1911. BRED AND OWNED BY OWEN FARMS VINEYARD HAVEN MASS..

A.O. Schilling 1911

The unparalleled record made by Owen Farms in winning 22 first prizes at the Madison Square Garden, New York, December 19 to 23, 1911, bids fair to remain unequalled for years to come, at least in the varieties exhibited by Owen Farms, viz.:—White and Barred Plymouth Rocks, White Wyandottes, Rhode Island Reds, White, Buff and Black Orpingtons. Above four stars of the famous Owen Farms strain are illustrated. In type the White Orpington cockerel shows off to the best advantage; the shape of the White Rock cockerel is good but hardly does this fine male full justice; the Rhode Island Reds show the characteristic type of the breed. The exquisite color of the latter and the snowy whiteness of the plumage of the White Rock and White Orpington cockerels, which can not be reproduced in black and white delineations, were striking features in the living specimens. They were certainly the "Big Four" in the Owen Farm collection at the Madison Square Garden Show.—*J. H. Drevenstedt.*

THE DAY-OLD CHICK

FROM A SMALL BEGINNING THE TRAFFIC IN DAY-OLD CHICKS IS RAPIDLY GROWING IN IMPORTANCE. MANY POINTERS FOR THOSE INTERESTED IN THIS BRANCH OF THE INDUSTRY. SHIPPING, HOW, WHEN, ALSO HOW TO PREPARE SHIPMENT. INSTRUCTIONS FOR THE PURCHASER. HOW TO HANDLE, CARE FOR AND FEED THE NEW ARRIVALS

BY R. C. CALDWELL

EDITOR'S NOTE—As Mr. Caldwell has had long experience in the Day-Old-Chick industry, he is well qualified to write on this subject and as his statements and advice to the readers of this paper are based upon practical experience, the article is of incalculable value to those contemplating either buying or shipping day-old chicks.



ONE of the most interesting branches of the poultry business is the shipping of baby chicks, hundreds even thousands of miles and yet have them arrive in good condition for further growth and development.

By shipping direct from the incubators when the chicks are one day old, advantage is taken of that period in the life of the chicks when nature intended they should be without food, and they can therefore, without injury or discomfort, be sent long distances by express under any conditions of climate. Chicks when first hatched require neither food nor

drink. Indeed such is harmful. During the first 72 hours, the chick's life is sustained by the assimilation of the yolk, for the embryo chick is developed from the white of the egg and just before hatching the yolk is drawn up into its system and furnishes all the food any chick should have the first three days of its life. It is during this period that chicks can be shipped as far as express can take them.

HOW SHIPMENT IS MADE

The principle of retention of heat or cold by non-conducting enclosures used by the Fireless Cooker and the Thermos Bottle has made possible the shipment of newly hatched chicks. Food being unnecessary the only problem is to keep the little fellows warm by packing them so that the natural heat of their little bodies will be retained. The most successful package yet devised is a simple box made from corrugated fibre-board. This material will keep out the cold or extreme heat as it is an excellent non-conductor. By cutting holes along one side of the box sufficient ventilation is secured without causing drafts. These boxes are so very light that the express charges are small. Lightness in weight has not been secured at the expense of strength. One of the twenty-five chick size boxes only

twelve inches square and weighing but a few ounces will bear up the weight of a two hundred pound man. They are commonly made in three sizes, holding respectively 25, 50 and 100 chicks. The small boxes contain a single compartment, the next size two and the large ones four. Early in the season more chicks than above stated can be put in any one compartment, but when warm weather comes it will be necessary to cut down the number of twenty chicks to a compartment. In order to give the little fellows a foothold some rough material is placed in the bottom of the boxes. I use alfalfa meal or finely cut excelsior for the greater part of the season. In very cold weather I place feathers in the bottom, as they will keep the little fellows warm and more comfortable. The chicks form a little cluster in the center of the compartment and no matter



DAY-OLD CHICKS.

A good illustration of what a shipment of day-old chicks should look like after becoming familiar with their surroundings. These little fellows show the life and vim that should be present in all day-old chicks. This is what the purchaser is paying for.

what the day may be you will find them comfortable if judgment is used in supplying ventilation. A few holes in a box in winter will supply all the air necessary, as the season advances more holes must be cut. The express messengers having lots of sympathy for the little helpless fellows use care in handling them. A first class shipping device and the humanity of express companies' employees has made it possible to make shipments of newly hatched chicks so successful that all the hatcheries guarantee the safe arrival of all their chicks in good condition.

RAPID GROWTH OF DAY-OLD CHICK BUSINESS

A few years ago the business was conducted by two or three men in Northern Ohio. These people started into business in a modest way hatching for other people nearby. These early experiments were so successful that the business has grown from that small beginning to one of the most important branches of the poultry industry. The large hatcheries have depended upon buying their eggs from nearby producers, doing nothing more than operate their incubators. While this method has its advantages, yet it has been very difficult to get a uniform supply of large numbers of good hatching eggs as needed from week to week. The increasing demand for baby chicks from people who know and realize the advantage of buying them, has lead many specialty breeders to take up the shipping of chicks hatched from eggs produced in their own yards. By so doing they have been able to eliminate a large amount of the complaints which they formerly had to deal with. By taking the eggs as they come from the yards fresh and in the best possible hatching condition they have a very decided advantage over their competitors, who buy eggs to supply their incubators.

The shipping of baby chicks is more successfully done than is possible with eggs. Even with the best modern shipping devices eggs often arrive in bad condition, some broken and the remainder badly shaken up. The poor hatch that results leads to a disagreeable complaint. The breeder who ships chicks avoids all of this. Further he has an advantage over those who buy their eggs and have

them shipped long distances. His eggs are fresh and they have not been shaken up by shipping and the chances are that he will be able to get better hatches.

Hatching is carried on in all makes of incubators. During the last three years the mammoth incubators holding thousands of eggs have been gradually displacing the small ma-

chines. These huge machines enable baby chick men to get out large numbers of chicks at a lower cost than is possible in small machines. The chicks so hatched are especially strong and vigorous.

MANY IMPROVEMENTS NOTED

In the early days of the industry common barnyard chicks only were hatched in large numbers. As shipping

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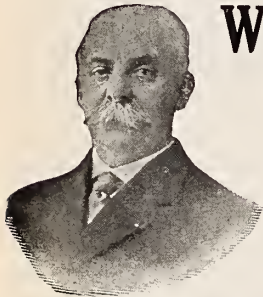
THE BOSTON SHOW

JANUARY 9-13-1912



A RECORD BREAKER IN NUMBER OF BIRDS EXHIBITED. NEARLY EVERY STANDARD VARIETY REPRESENTED BY SPECIMENS OF THE HIGHEST QUALITY. WYANDOTTES VERY STRONG CLASSES. HAMBURGS MAKE A GREAT SHOWING WITH OVER TWO HUNDRED SPECIMENS OF THE DIFFERENT VARIETIES PENNED. BUFF PLYMOUTH ROCKS A FEATURE. THE SHOW WELL SUPPORTED BY THE PUBLIC AND THE PRESS.

BY J. H. DREVENSTEDT



WINTHROP B. Atherton, Secretary-Manager of the Boston Show, scored another well deserved success with the exhibition held at Mechanics' Building, January 9th to 13th; in fact, it was a record breaking show, the total entries exceeding those of 1911 by six hundred or more. The floor space on the main floor, in the smaller hall and in the galleries, was crowded with cages, but no double tiers were used, so that the judging and in-

spection of the birds was greatly facilitated.

Spratts did the penning and feeding in their usual first-class manner, the veteran, W. A. Smith, being in charge. The judging did not begin until nearly noon of the first day of the show, owing to the late arrival of exhibits from distant points, the delay being caused by the extreme cold weather which made the trains from two to eight hours late reaching the city of culture and bears. But all classes were judged and the ribbons up by Wednesday night and the marked catalogue with the awards was on sale Thursday morning at ten o'clock.

THE BANQUET

Exhibitors and judges were entertained at an informal banquet held at the Copley Square Hotel, Tuesday evening, after the show closed. The larger and smaller dining rooms were crowded with enthusiastic chicken fanciers who enjoyed the occasion immensely, especially the clever remarks of Toastmaster Atherton introducing the speakers; as well as the witty speeches of the latter. It was after midnight before the assemblage of chicken cranks went to roost, all vowing that they will be at the next Boston Show, if alive and circumstances permit.

Another enjoyable occasion to the old boys was the dinner given to the veteran poultrymen, the age limit being sixty years, so all present were in the aged class, some claiming seventy or more years of service to the poultry industry of America. But the ranks are being thinned rapidly, quite a number of old familiar faces being greatly missed by those present at the dinner, as well as by many of the younger generation of poultry breeders in the hall.

If some of the poultry scribes, who are bemoaning the fact (?) that the old time fanciers' spirit has ceased to exist, could attend these Boston Show reunions of poultrymen, they will find the same old fellow feeling existing today that existed twenty or more years ago.

THE BIRDS AND DISPLAYS

On entering the main hall, the first impression visitors received was that they had made a mistake and found a zoological garden instead of a poultry show, for here was penned the beautiful collection of Ornamental and wild Waterfowl of G. D. Tilley. Evergreen trees in large numbers helped make this exhibit one of the most attractive and picturesque ones in the show. Back of this great display came long rows of incubator and poultry supply exhibits and a busy department this proved to be as all of the leading manufacturers were represented and their demonstrators were kept busy explaining the workings of the incubators and brooders to thousands of interested visitors.

On the right of this great avenue of trade, several thousand pigeons were cooped, the Orpingtons, Leghorns, Polish, Hamburgs and Campines filling up the rest of the main floor of Mechanics' Hall, all other breeds being penned in Russell Hall adjoining, while the Bantams were staged in the galleries.

WYANDOTTES

Wyandottes led all other breeds with 740 individual specimens, all varieties being represented and some stronger and better than we have ever seen at Boston, which, as most poultrymen know, always has been great in Wyandotte exhibits. The fact that the Silver Wyandotte, Golden Wyandotte and Silver Penciled Wyandotte Club shows were held here, no doubt added many entries in the classes of these varieties.

Silver Wyandottes were exceedingly well represented by specimens from leading breeders in the East, West and Canada. Franklane L. Sewell was the club judge, handling his classes with great patience and a thorough appreciation of the hard task before him. With 114 single specimens and seven pens to handle Mr. Sewell was kept busy over one day selecting the winners, his judgment being consistent straight through, as he followed the modern color markings very closely. The winning hens and pullets were certainly fine in lacings, the centers being oval, of good size, clean in color and sharply laced with black. First, second, third cocks were not only good in color but of very good type. First cockerel was a beauty in color, very silvery in top color with almost perfect wing bars and large open centered breast lacing; in type this bird was rather high in leg and lacked somewhat in fullness of breast; second and third cockerels both good in type and color. In pens the first was made up of very large hens, well matched in color markings and size, albeit they lacked in type, the male also failing in the latter respect;

the second pen was excellent in type of both male and females, and although the lacing may have been a trifle heavier than on the females in the first pen, we believe as an all around pen the second was one of the best seen at Boston in some years.

Golden Wyandottes, (Drevenstedt, judge), as usual, this fine variety was well represented by superior specimens, 61 singles and six pens being shown. The winning hens showed excellent color and strong lacings while the cocks and cockerels in the money were also strong in color points, but excepting a few, lacked in Wyandotte type somewhat. The first pen was very evenly matched in color and shape of male and females.

Buff Wyandottes, (Drevenstedt, judge). One of the evenest classes in color we have ever handled, the females with but a very few exceptions being absolutely sound in surface, undercolor, tail and flights. Type and size was somewhat missing among some of the winners, but the first and second cockerel, first hen and pullet were first-class specimens in shape.

Silver Penciled Wyandottes, (Drevenstedt, judge). The greatest classes of this beautiful variety we have ever seen or judged. Chas. D. Cleveland, who assisted us in handling these classes, was greatly impressed with the great uniformity of type, the Silver Penciled Wyandottes exhibited, remarking that the first prize cock, winner of shape special, was an ideal in type, which White Wyandotte breeders could well adopt as a model. This old cock bird has been a four time winner, so we were informed, capturing the shape special each time. To judge by two of his get, the first and second prize cockerels, the type is firmly fixed in this strain at least, to say nothing of the color, which is excellent in all three. The first hen was a beauty in color and penciling, with several other old dames closely trailing her. First and second pullets fine in type and color, albeit the second was a bit weak at throat, but her fine color and penciling in other sections, good head and comb as well as typical shape should make her a star hen when she moults out another year. The first prize pen was very evenly matched in color and type, creating no end of favorable comments by Wyandotte fanciers. This new variety is in such excellent hands, that we look forward to the day when it will be extensively bred, as it really is one of the most beautiful of the Wyandotte family.

Columbian Wyandottes, (D. Lincoln Orr, judge). Judge Orr made his debut at Boston, handling his favorite classes in good form. It was not as strong a collection of Columbians as we expected to find at Beantown, 55 singles and three pen entries facing the judge. The males struck us as being superior in color markings to the females, several of the winners showing very good hackle striping and tail lacings. In hens the blue ribbon winner was excellent in type, size and head points, with clean surface color.

White Wyandottes, (Arthur G. Duston, Judge). The banner classes of the Wyandotte alley with 156 single entries and 18 pens staged. Mr. Duston handled these classes with great care and good judgment, his awards being received with favor by the majority of exhibitors. The competition was very keen in all the classes as entries from many of the best breeders in the Eastern States and several from Canada were received, some of the cracks of both countries having been through the mill at other great shows of the past season.

Onlya Farm and J. W. Andrews had a battle royal with honors nearly even, the former winning first on cock, first and second on pullets; Mr. Andrews winning second on cock and first and second on cockerels. In pens Wilbur & Wagenblatt captured second with a beautiful pen of birds.

Black Wyandottes "also ran" with just six entries.

Partridge Wyandottes had quality to burn, the veteran breeder and judge, M. H. Coffin, being in his element handling this variety, one that he helped to originate. Judge Coffin was pretty severe in his examination of the specimens, throwing out quite a number for stubs, but when the smoke cleared away, Sheffield Farms scored a clean sweep, taking all firsts and a lot of other ribbons, which made Hugo B. Hark, the manger, smile as he never smiled before.

PLYMOUTH ROCKS

Plymouth Rocks increased from 407 in 1911 to 599 specimens in 1912, a gain that can be attributed chiefly

to the Buff Rock classes. The latter, thanks to the Club show being held at Boston, were strong in numbers and superior in quality. Henry P. Schwab handled these classes with good judgment and had his work cut out for him with 163 singles and 14 pens.

It was the greatest show of Buff Rocks we have seen, all the cracks of the East and some from the West being present. Linfield Poultry Farm made a great record on males and pen at this show. S. H. Harter doing a similar stunt in capturing the leading prizes in the hen and pullet classes.

Barred Plymouth Rocks were a sad disappointment, notwithstanding the fine exhibits of Pittsfield Poultry Farm and several other good breeders, as they, the entries fell far below the mark expected, only 61 singles and 13 pens being exhibited. Good as the quality was in the winners, we should like to have seen greater entries in the single classes at the Boston show, especially when we consider that so many noted Barred Rock breeders live near the Hub and one located in the Bay State. Boston to our way of thinking, ought to hold the greatest Barred Rock show on earth.

Owing to the absence of C. H. Welles, the veteran, A. C. Hawkins, was pressed into service, and handled the Barred Rock classes in excellent form. We often wonder



FIRST PRIZE COCKEREL MADISON SQUARE GARDEN
NEW YORK, DEC. 1911.
BRED AND OWNED BY A. C. HAWKINS, LANCASTER, MASS.

The veteran poultry breeder A. C. Hawkins, has exhibited at the New York Shows since 1884, a record no other exhibitor has ever made. He has won many ribbons in the Barred Plymouth Rock classes in the past Madison Square Garden Shows, including the coveted blue ribbon on cockerel a number of times. At the 1911 Madison Square Garden Show he again captured the blue ribbon with a beautiful bird in color and barring, which Mr. Sewell has illustrated so successfully in the above picture.—J. H. Drevenstedt.

why Mr. Hawkins is not called upon to judge Barred Rocks at our leading shows more frequently as he has a trained eye for shape and color, such as few other judges possess.

White Plymouth Rocks, like their Barred progenitors did not "panout" as strongly as they should have. The classes

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POULTRYMEN WHO ARE MAKING HISTORY

OUR REPRESENTATIVE CONTINUES HIS TRAVELS AND DESCRIBES FOR A. P. W. READERS THE PLACES VISITED. A LEGHORN FARM IN NORTHEASTERN PENNSYLVANIA WHERE WINTERS ARE SEVERE. USING FRESH-AIR HOUSES. THE PLACE DESCRIBED. A TRIP INTO NEW JERSEY, NUTLEY ONE OF THE PLACES VISITED. SOME HIGH CLASS REDS. OTHER PLACES OF INTEREST

BY GEO. W. TRACEY



OUNT Pleasant Farm is located in Eastern Pennsylvania, high up in the Pocono mountains at Mount Pocono. The average visitor to the farm would be apt to wonder why a poultry plant should be started in this rugged mountainous country, at an altitude of 2,000 feet above sea level, which in some respects intensifies the cold, hard winters for which this region is noted. This thought struck me very pointedly upon the occasion of my visit to Mount Pleasant Farm. On the 16th day of November when I left Scranton, Pa., in the early morning there was but little snow on the ground and the weather was warm, but upon arrival at Mt. Pocono, I found the weather considerably colder, and splendid sleighing. The elevation caused the difference.

To be brief concerning Mount Pocono, we will say that it is a summer resort. Its healthful, clear, invigorating mountain air attracts thousands during the summer season and the many hotels located there are filled to overflowing. In the course of human events the Messrs. Leach came into possession of one of these big hotels, known as the Mount Pleasant House. This was some years ago. In running this hotel the Messrs. Leach found it so difficult to secure strictly fresh eggs during the months of July, August and September, that they determined to have a flock of hens of their own to secure their supply from. They selected Single Comb White Leghorns as the fowl most liable to lay eggs during the season that they wanted them, and in purchasing their original flock, they secured birds from what was then one of the most noted strain of Single Comb White Leghorns in America. From these birds were developed and perfected the Mount Pleasant Farm.

SINGLE COMB WHITE LEGHORNS

The younger Mr. Leach had always been a chicken crank and was an accomplished poultry man in all that the name implied, and his brother was not far behind. It was not long before they had a flock sufficiently large that would produce eggs enough every day, not only to keep their big hotel well supplied with large, white, sweet tasting eggs, but also to enable them to furnish the guests nice tender juicy broilers. As the hotel is only open during the summer months, it was necessary that they find a means of disposing of the surplus during the closed season. So they began to sell eggs for hatching, then the selling of stock for breeding was added, and finally having installed a 12,000 egg Hall Mammoth Incubator they rounded out the

business of their poultry plant by selling day-old chicks.

The hotel is open from July 1st to November 1st. H. M. Leach is manager of the hotel during the time it is open to the public, the balance of the year he looks after the correspondence of the hotel and poultry farm, also attending to these duties while the hotel is open. In W. A. Leach we firmly believe that we see the true type of the perfect poultryman. He has made poultry his life study and like his brother is very enthusiastic when the topic leads up to Leghorns. I was greatly impressed by their expert knowledge of incubation; they seem to have mastered the way to hatch a chick that after traveling hundreds of miles will not only arrive alive and healthy at its destination, but will live and grow into a strong vigorous bird that will lay eggs, and lay them in numbers that will pay.

We found that Messrs. Leach had a system peculiarly their own of perfecting a heavy laying strain, as we before stated the foundation blood of the celebrated Mount Pleasant Farm S. C. White Leghorns was chosen from the world's best strain. From the results of the first year's mating they only found one pullet in every 10 that came up to the type selected by them for a layer. From year to year they have followed this course only becoming more exacting as their flock improved as the years rolled along. Utility, every letter of which is a capital, is their watch word, and strange to relate we saw many birds in their flocks that to us looked good enough to show. Yet they never breed for show birds and their birds are not weakened by showing. It was a beautiful sight to see the 3,000

more yearling hens that were to be next season's breeders, each individual possessing the Mount Pleasant Farm type, viz: a body that was broad, long and deep, yet intensely active, and from these hens they plan to sell two hundred thousand eggs for hatching and one hundred thousand baby chicks, and they will sell them too as they had one-third of their capacity already booked. Last season having only one Hall Mammoth Incubator they could not begin to fill their orders, but this winter they have installed another 12,000 egg capacity. They



ROYAL RED STRAIN RHODE ISLAND REDS.

Herewith is depicted a pen of the "Royal Red Strain" S. C. Rhode Island Reds. A strain founded and bred by F. E. Harrison, Monominee, Mich. Mr. Harrison has been very successful in the show room and his recent victory at the Wisconsin State Show indicates that he has the blue ribbon quality.

hope to fill all orders promptly. The poultry houses are built upon plans worked out by the Messrs. Leach as being the latest improved open front or fresh air style of house. One would wonder how Leghorns would thrive so well in such a cold climate and in open front houses, but they do and we did not see the least sign of a frosted comb. Besides the house to accommodate their 3,000 or more breeders, they have one laying house, 20x120, one 16x192, and

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THE SELECTION AND SHIPPING OF EGGS FOR HATCHING

A FEW WORDS OF ADVICE UPON A SEASONABLE TOPIC. FERTILITY OF FIRST IMPORTANCE, SELECTION NEXT. EXCEEDINGLY LARGE OR SMALL EGGS SHOULD BE DISCARDED. HOW TO PACK, STYLE OF PACKAGE. MANY MINOR POINTS THAT ARE OFTEN OVERLOOKED. AGE OF EGGS, TEMPERATURE, ETC.

BY W. A. WOLFORD



QUESTION upon which a great deal of interest is centered at this season of the year is the selection and shipping of eggs for hatching. In altogether too many instances not enough care is exercised in this particular by those engaged in supplying this commodity. In exceptional cases we can probably charge indifference, in others carelessness and in a few, ignorance.

To start at the beginning, the producer before filling any orders for eggs for hatching should assure himself of the fertility of the eggs, by a few test settings. The pens falling below a certain percentage, for convenience we will

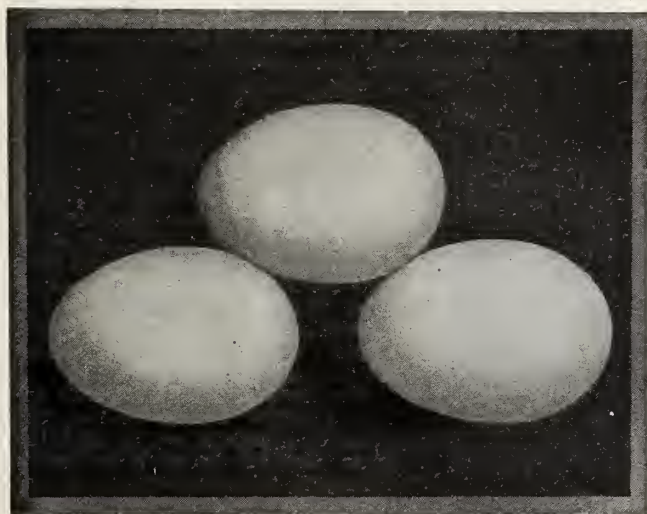


Figure 1.—Herewith we show three eggs, somewhat reduced in size, that may be said to be ideal in shape for hatching purposes. The originals from which this illustration was made would weigh about 27 oz. per dozen.

say 75 per cent., should be discarded until additional tests indicated that the eggs were properly fertilized, and promises of a fair hatch could be made providing the eggs were properly handled by the purchaser.

FERTILITY OF FIRST IMPORTANCE

Should the first test show high fertility, the shipper should not go on the assumption that it will run that way the entire season, but he should continue his test settings, for as is often the case, the fertility of one or more pens will drop way below par; when this is noted, eggs from these pens should no longer be included in the orders for shipment. Of course to test your eggs in this manner requires extra care and attention on the part of the poultryman, but he owes it to his customers and to himself. In the first place the customer parts with his good money and expects value received in a fair hatch, and, readers, many of you have been through the "mill" and can appreciate how you felt when that longed for hatch was disappointing, also the things you said about the party that sold you the eggs. It has been said that the first impression is a lasting one, therefore it is up to the poultryman to make a good impression with his first order, as his success will depend upon the degree in which he satisfied his customers.

SELECTION OF EGGS

Leaving the point of fertility we will now take up the selection of eggs. First they should be as nearly as possible of uniform shape, (see illustration No. 1), size and color, a shipment of this kind being much more attractive than one made up of eggs of various sizes and shapes, (see illustration No. 2), to say nothing of color. All abnorm-

ally large eggs should be discarded, likewise all small or under sized ones. I would place the standard at 25 oz. per dozen and select eggs to meet this requirement, as nearly as possible. Select those that are oval in shape, laying aside all short, almost round ones, also the opposite, that is the long slim eggs, that are proverbially known as the ones which hatch the "roosters". Those with rough and irregular shells and flattened surfaces should also be discarded. The eggs should also be of uniform age and should be shipped as soon after they are laid as is possible. It is a well known fact that the fresher the eggs the better the results at hatching time. When eggs of different ages are included in the shipment, the hatch will not be uniform, that is the fresher eggs will hatch first and the balance are sometimes delayed from twenty-four to forty-eight hours, depending upon the variation in age.

Another point that should not be lost sight of is temperature. Eggs intended for hatching should not be allowed to become overheated or chilled, an even temperature is to be desired and this should be kept between forty-five and sixty degrees, and with care, this may be obtained in almost any location. It is therefore necessary that the shipper take all these things into consideration, when filling his orders. He must as far as possible do the little things that will make for the success of his customer.

Put yourself in place of the purchaser and draw on your imagination to the extent that you have just received a shipment of eggs from a breeder living at a distance. Open the box or basket and examine the contents. They range in size, from that of a Bantam's egg to the one that you had pictured as an ideal for the entire setting. In shape there is an equal variation. What are your first impressions when you gaze upon your purchase? Would you care to have a customer think the same thoughts about you? You unhesitatingly and emphatically say no; right here is where the moral of "Do by others as you would be done by", asserts itself. If you ship eggs of inferior quality, what have you to say when your customer com-



Figure 2.—In this illustration we have endeavored to show the eggs that should be discarded when selecting eggs for hatching. Like Fig. 1 these are reduced in size.

plaints of poor results, which indeed, he is justified in doing?

PACKING FOR SHIPMENT

Our next consideration after the selection of the eggs is the package and packing. We have the choice of three

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GROVE HILL POULTRY YARDS

THE HOME OF BLUE BLOODED BARRED PLYMOUTH ROCKS AND BROWN LEGHORNS.
SUCCESS IN THE SHOW ROOM AND IN BUSINESS DUE TO KEEN INTELLIGENCE IN
SELECTING BREEDING STOCK AND TO SOUND BUSINESS PRINCIPLES

BY J. H. DREVENSTEDT



It was about seventeen years ago that Grove Hill Poultry Yards came to the front with a rush by winning fifty-two prizes on two varieties at the great Boston Show, January, 1896. These two varieties were the Barred Plymouth Rocks and Single Comb Brown Leghorns. We believe that record stands today still unequalled.

The same two varieties are still being bred at Grove Hill Poultry Yards and the same two masters of the art of breeding the choicest specimens of two of the most difficult Standard varieties to produce, are still in control of the destinies of the feathered tribe at Grove Hill. They are William Ellery Bright, Proprietor, and Arthur C. Smith, Manager.

Grove Hill is the suburban home of Mr. Bright, located at Waltham, Mass., an even dozen miles from the city of culture and beans—Boston. It's a beautiful place of 35 acres, divided into two farms, one being devoted to the Plymouth Rocks, the other to the Brown Leghorns.

The fowls are housed under the most favorable conditions, the open front style of houses and ample range for the breeding birds, imparting the stamina and sound constitutions, that have made the stock of Grove Hill sought after by hundreds of breeders throughout the United States and Canada.

The hilly slopes, fine forage and woodlands afford ideal conditions for the rearing of the youngsters.

We took a ride in company with Mr. Smith, one very cold morning of the Boston Show week to Grove Hill, to inspect the plant and the chickens, and must confess that we have never seen a more rugged bunch of fowls. The old ones and the youngsters were busy scratching away among the litter on the floors, evidently forgetting all about zero weather, even if Mr. Smith and the writer had to move about in order to keep warm.

It was raising chickens on the open air culture system, and the results proved the latter correct in practice as well as in theory.

That Grove Hill Poultry Yards' Barred Plymouth Rocks can stand some pretty hard knocks on the road and still win out in the show room is plainly evident by the following letter dated January 16, 1912, received from Mr. Bright, by us: "It is 1500 miles to Topeka, Kansas, and quite a trip to undertake with 50 or 60 birds. On the trip out, six birds were lost through the express company, two Barred Rock pullets arrived dead, two cockerels and two cocks have not yet been accounted for in anyway by the express people. Notwithstanding the loss, my birds did well, winning 1st, 4th, 5th and 6th on cock (four entries), 1st, 4th, 5th and 6th on hens (five entries), 1st, 2nd and 4th on cockerels (four entries), 1st, 2nd and 4th, 6th and 7th on pullets (five entries), 1st and 2nd pens (two entries); also winning first cockerel mating and first pullet mating pen and specials for Champion male and female. There were between 160 and 170 Barred Rocks penned at the Topeka Show."

We inspected some of the victors at Topeka, while at Grove Hill, and although just off the cars from the long

trip, the first prize cockerel looked fit as a fiddle for another battle and his blue ribbon mates were almost in as good fettle. It was a treat to look over the exhibition males and females as well as the cockerel and pullet breeding males and females, the uniformity in type and color in each being most striking.

We admire narrow, even and well balanced bars of black and grayish white in Plymouth Rocks, provided that bluish tinge in the plumage has not been lost, and we believe Grove Hill Barred Plymouth Rocks have this desirable blending of barring and color well established. We do not know of a finer blending of color and straight narrow barring in all sections than in the hen that won second prize as pullet at the Madison Square Garden in 1910. This bird showed her wonderful surface color and barring at long range, and when closely inspected in hand, the feathers showed the most sharply defined and clean

cut bars seldom seen in the neck, back, wing, breast and body sections of a female Barred Plymouth Rock. And in quite a number of her mates we observed this same evenness of color and barring.

The males are equally good in color and barring, the extreme dark and metallic bars of wider width than the lighter ones, being less noticeable than in some of the recent winners at our leading shows.

The Brown Leghorns, which are Mr. Bright's hobby, looked the class they belong to, in fact the male line of Grove Hill Brown Leghorns is probably one of the greatest ever produced in America. In style and shape, comb and headpoints, they always held their own, but in fine color markings of neck, back and saddle they excelled most of their competitor's birds. The richness of red and brilliancy of the greenish black striping of the hackle and saddle feathers are strikingly beautiful.

Brown Leghorn breeders can spend no more profitable day than to visit Grove Hill Poultry Yards to study the cockerel and pullet breeding matings. It will be a revelation to them.

The success achieved by Grove Hill Poultry Yards is due to the intelligence, ability and integrity of Mr. Bright and his manager, Arthur C. Smith. Both are poultry fanciers in the truest sense of the

term, both having been endowed by nature with a love for poultry, at the same time being men of excellent education and sound business judgment.

The way Grove Hill Poultry Yards do business is based on strictly sound principles. There is no other poultry breeder or firm that can boast of a more honorable record. Mr. Bright, a prominent business man of Boston, believes strictly in adhering to fixed prices for all stock listed. The list price of each bird for sale is the same to all. The fellow with the big purse stands the same chance as the fellow with the little one. The same rule applies to selling exhibition birds to win at the shows, no absolute guarantee being given to the purchaser, but a guaranteed scale of prices is made, based on the winnings, i. e., if a bird wins first prize, the price is in proportion, and so on

(Continued on page 375)



Arthur C. Smith, whose portrait is printed herewith, has been one of the most earnest and valued members of the Standard Revision Committee for a number of years past, a man with whom it is a pleasure to be associated with in work of a kind that demands a thorough knowledge of the art of producing Barred Plymouth Rocks and Brown Leghorns for exhibition and utility purposes.

THE INTERNATIONAL SHOW

BUFFALO, N. Y., JANUARY 3 - 8 - 1912



A GREAT SHOW OF QUALITY THROUGHOUT. LOSS IN ENTRIES DUE TO CHANGE IN DATES. ATTENDANCE NOT AS GOOD AS AT FORMER SHOWS, OWING TO COLD WEATHER AND RIVAL ATTRACTIONS. CANADIAN BREEDERS SEND MANY ENTRIES AND ATTEND THE SHOW

BY J. H. DREVENSTEDT



THE International Show held at Buffalo, N. Y., January 3rd to 8th, did not pan out the success expected by the management either in point of entries received or in the attendance. But the management was up against a combination of circumstances that were discouraging and almost disheartening. In the first place, the original date had to be changed to a week when the Baltimore Show was in progress and the Boston Show followed, which caused many exhibitors to withhold their entries. In the second place, the Automobile Show was in progress the same week, and this drew crowds of people and naturally cut down the gate receipts at the poultry show. Furthermore, the newspapers of Buffalo were devoting pages to the Automobile Show and but little space to the Poultry Show. Old Jack Frost had to get in his work also, supplying a brand of zero weather, that kept many folks at home.

There were many exhibitors present, however, and that kept up the good spirit of the occasion, so from a social standpoint the show was an unqualified success, the banquet held at the Buckingham Hotel, Friday evening, being attended by 150 poultry fanciers who enjoyed the occasion thoroughly.

LUNCHEON AT URBAN FARMS

The social side of the poultry fancy is what oxygen is to the human race—it keeps it alive. The spirit of good fellowship is productive of much more good in this wicked old world of ours than most of us think. The hardened business man, whose methods may be cold as steel with no fellow feeling when it comes to putting one over on a competitor, but the same man when divorced from his business cares and surrounded by men of all stations and creeds at a gathering such as it was our pleasure and privilege to attend at Urban Farms, Friday, January fifth, will loosen up and broaden out in fact, be himself in the truest sense of the word. The sentiment hidden in a cold exterior will ooze out of his system and we will find him the good fellow he really is, but who in name of goodness could fail to be a good fellow when that prince of good fellows, George Urban, Jr., is the host?

A long line of automobiles carried the guests from Convention Hall to Urban Farms, where a warm and hearty reception awaited them.

The tables were laden down with all the good things to eat that an epicure could wish for, some of the eatables, such as broiled chicken, escarolle, endive, celery and mushrooms, being products of Urban Farms. Under the glass roof in the large hall that leads past the green houses, the guests enjoyed the warmth and sunshine, as well as the numerous informal speeches made by men of prominence in Buffalo and in the poultry world, Mr. Urban acting as toastmaster in his inimitable style. Gatherings of this kind create a greater and broader conception of the growing poultry industry of the United States and Canada at the same time exhibiting in the ranks of poultry raisers many of the best citizens who have suburban homes and who will be a power in the future in helping to breed better poultry and more of it.

THE BIRDS

The total number of specimens exhibited this year was

2113 in the poultry division, a falling off of 497 specimens from 1911. But the limitations of Convention Hall are such that one thousand specimens would be ample if properly cooped in single tiers, as the size of the floor space and the poor light will not permit of double tiering the cages. There was too much crowding of the birds in the Leghorn and Ancona classes, but it was unavoidable.

Wyandottes made the best showing with 295 specimens entered, but this large entry is attribute to the fact that the Partridge Wyandotte Club held its annual meeting and show here, exhibiting 127 Partridge Wyandottes of the finest quality; the type and color markings of the winning males and females being of uniform excellence. Sheffield Farms made a grand showing in all classes, capturing several silver cups for the largest and best displays.

Silver Wyandottes contained a number of beautiful specimens in both the male and female classes, but there were two distinct types in color markings present, the older type in vogue ten or more years ago, evidently being favored by the judge, while the more open laced or modern type had to take a back seat, one fine cock bird of this stamp being left out entirely, although Leroy W. Siegfried and Twin Bros. Poultry Yard managed to get in the winnings with some high class stock.

White Wyandottes were the smallest classes at a big show we have seen in years, only three cocks, five hens, seven cockerels, eight pullets and four pens facing the judge. The quality was good enough, but why such a popular variety should play third fiddle to less popular ones is a mystery.

Perhaps a few more specials on White Wyandottes and a cutting down on some of the other varieties of the breed will help the entries another year.

Golden and Black Wyandottes, small but good classes, but Buffs were conspicuous by their absence, sad to relate.

Columbian Wyandottes were small classes, but contained some exceedingly fine birds among the winners, Hillhurst Farms winning the coveted first prize pen honor.

Plymouth Rocks dropped from 403 specimens in 1911 to 259 in 1912, but the White Rocks held their own, the fine exhibit of Urban Farms saving the breed from a total eclipse, the first prize cock exhibited by the latter being a wonder in type and color, winning the sweepstake prize for the best bird in the show.

Rhode Island Red classes teemed with quality, the competition being very strong, which caused the judge considerable difficulty in placing the ribbons. Rock Creek Farm, C. E. Riley and H. W. Alt, captured the bulk of the prizes with some crackerjacks in color and type, while one dandy pen was left out because the hens were a bit pale in the gills.

Orpingtons fell down in number the same as the rest of the popular breeds, and presumably for the same reasons advanced in our introductory remarks. 214 Orpingtons, with a goodly share of them coming from Canada, is a weak representation at an "International Show", to say the least. There was no lack of quality in the different

(Continued on page 405)

THE BALTIMORE SHOW

JANUARY 2-6, 1912

FOURTH ANNUAL EXHIBITION OF THE MARYLAND POULTRY AND PIGEON ASSOCIATION SCORES ANOTHER GREAT ARTISTIC AND FINANCIAL SUCCESS. OVER THREE THOUSAND ENTRIES RECEIVED. SHOWROOM, COOPING AND MANAGEMENT EXCELLENT

BY WM. C. DENNY



HE Maryland Poultry and Pigeon Association sustained its reputation for holding a strictly high class poultry and pigeon show, second to only a few in the number of entries received and superior to all others in artistic arrangement. But our Maryland poultry fanciers are fortunate in having such a magnificent building as that of the Fifth Regiment Armory, Baltimore, to hold their show in. It is an ideal

show hall in size, light and ventilation.

The Association is also fortunate in having the veteran George O. Brown as secretary and superintendent of the show, as no more experienced, efficient and courteous official can be found in the United States.

The management from the president down through the entire list, is composed of real poultry fanciers, men who keep chickens and pigeons principally for the pleasure they derive from them.

The judges who placed the ribbons were H. P. Schwab, Richard Oke, W. C. Denny, C. T. Cornman, W. H. Card, W. Theo. Wittman, Fred Huyler, Robt. Seaman, John C. Kriner and William G. Minich, all veteran adjudicators, who know their business.

THE BIRDS

Plymouth Rocks led all other breeds in point of numbers with 480, their closest rivals being the Orpingtons with 398 specimens. The Wyandottes had to take fourth place with 264, the popular Reds capturing the third place with 281 specimens.

PLYMOUTH ROCKS

But like at past Baltimore shows, Plymouth Rocks are the popular feathered bipeds, all varieties being well represented by high class specimens, the Barred Rock, classes being particularly strong in quality, Henry D. Riley capturing the lion's share of the prizes with an exceptionally fine string of males and females, a number of which being blue ribbon winners at other great shows this season.

White Plymouth Rocks were also exceedingly well represented, the cockerel and pullet classes being exceptionally well filled.

Buff Rocks also excellent classes, the color and type of the winners being very good. Columbian and Partridge Plymouth Rocks small classes of good quality.

In Wyandottes the Silvers and Goldenes were fairly strong classes, the winners showing good type and

color. Whites the strongest classes in number and quality. Only eight Buff Wyandottes faced the judge; the same can be said of the Partridge and Silver Pencilled varieties, but the Columbians ranked next to Whites in number, the quality also being quite high in the blue and red ribbon winners. But the once popular Wyandotte family needs considerable rejuvenation if it is to stay in the race with the Rocks, Reds and Orpingtons.

RHODE ISLAND REDS

The Reds are coming fast at Baltimore, this year's entries making a fine showing with 281 specimens.

ORPINGTONS

Orpingtons were out in force and they are crowding the Rocks for the honor of being the most popular breed. The Buff variety made a good showing, but the Blacks were a surprise, the classes being unusually well filled with birds

of superior quality, F. E. Gilbert scoring a well deserved win in the cock class, capturing the blue ribbon with a bird that has not only the massiveness of the Orpington, but had color as well.

Whites made the most imposing exhibit, Aldrich Poultry Farm capturing all the blue ribbons as well as many other prizes with a well groomed team of high class specimens.

BRAHMAS, COCHINS AND LANGSHANS

The Black Langshans saved the Asiatic class entries, one of the largest with 73 single and 8 pen exhibits of this grand breed seen in a long time. Only 16 Light Brahmans, 2 Buff Cochins and 12 Partridge Cochins were on exhibition.

LEGHORNS

White Leghorns made and excellent showing, the classes being well filled with first rate specimens entered by noted breeders. Richland Farms, capturing the blue ribbon on pens, in addition to a number of ribbons in the single classes. Brown and Buff Leghorns comparatively small classes, considering the numerous good Brown and Buffs that are bred within a short radius of Baltimore.



WHITE ORPINGTON HEN.

A blue ribbon winner from the famous string of Aldrich Poultry Farm, the latter making a great record at the Cleveland Show by capturing all the blue ribbons in the single and pen classes. The hen illustrated above shows the great length and depth of body characteristic of the true type of Orpington female. In size and strength of bone this hen is also superior.

MINORCAS, SPANISH, ANCONAS

Black Minorcas in both Single and Rose Comb classes were only fairly strong in numbers, there being little or no competition in the Rose Combs. Four Black Spanish

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The CLEVELAND SHOW

JANUARY 22-27-1912



SEVENTH ANNUAL SHOW OF THE CLEVELAND FANCIERS CLUB SCORES A WELL DESERVED SUCCESS. QUALITY OF THE BIRDS EXHIBITED FIRST CLASS. ORPINGTONS LEAD IN NUMBERS. MANAGEMENT AND COOPING FIRST CLASS

BY J. H. DREVENSTEDT



HE Cleveland Fanciers' Club holds its annual exhibition in the Central Armory, Cleveland, Ohio, each year, and this building, great as it is in floor space, was crowded on the main floor and in the galleries with poultry, pigeon and dog exhibits, to say nothing of the large amount of space occupied by the incubator and poultry supply companies. As one-half of this large hall is given over to the canines, and as dogs at a Cleveland Show are the magnets that draw the crowds, the poultry had to be content with the other half and part of the gallery, and this compelled the double tiering of the pens in most of the classes.

MANAGEMENT AND COOPING FIRST CLASS

The management of the Cleveland Show is business-like from beginning to end. Secretary J. T. Conkey, is very methodical in handling his work, and being surrounded by workers of the same stamp, there is no hitch or break in the well oiled machinery that runs this large exhibition. Marked catalogues are on sale within a very short time after the awards are made.

The floor management is in the hands of Eugene Sites, a veteran at the business and a man who can hustle the work along, without getting flustered or "getting in bad" with tardy exhibitors. "Gene" had more than his share of hustling to do this year, as a railroad wreck delayed the arrival of Spratt's Coops until 6 P. M. of the day before the opening of the show, but the men in charge of cooping worked like beavers, so that Supt. Sites began penning the birds early Tuesday morning and by noon most of the classes were ready for the judges. It was quick work well executed.

JUDGES AND THEIR CLASSES

The judges and their assignments were as follows: H. P. Schwab, Plymouth Rocks and Rhode Island Reds; J. H. Drevenstedt, Wyandottes, Frizzles; Richard Oke, Orpingtons; Chas. McClave, Leghorns, Minorcas, Anconas, Polish, Hamburgs; Thos. Faulkner, Brahmas, Cochins, Langshans, Buckeyes, Games and Bantams; Clarence King, Turkeys, Ducks and Geese.

The judging was completed Wednesday noon, all ribbons and specials being placed by that time.

PLYMOUTH ROCKS

The Plymouth Rocks numbered 330 specimens, the Barred variety leading with 90 single and 11 pens, the quality of the winners being of the very best, Henry D. Riley making a clean sweep in the single and pen classes

[Continued on page 378]



1st. PRIZE S.C. ANCONA COCKEREL
GREAT INTERNATIONAL SHOW, BUFFALO, 1912
URBAN FARMS, PINE RIDGE, BUFFALO, N.Y.

CHAMPION ANCONA COCKEREL.

Winner of the American Poultry Association Gold Medal for the best cockerel in the International Show, Buffalo, N. Y., January 3rd to 8th, 1912. A remarkable bird in style, shape and headpoints, with sound colored flight and tail feathers and well and sharply defined V shaped white tips to the lustrous black feathers.

AMERICAN POULTRY WORLD



DEVOTED TO THE

Upbuilding of the Poultry Industry
in All Branches

GRANT M. CURTIS Editor
J. H. DREVENSTEDT Associate Editors
WILLIAM C. DENNY

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

STAFF ARTISTS:
Arthur O. Schilling,
H. C. Froby.

EDITORIALS

PRESIDENT HICKS IS WILLING TO ACCEPT RE-ELECTION.

Ralph H. Searle, associate editor of Poultry Culture, Topeka, Kansas, of which paper Reese V. Hicks, president of the American Poultry Association, is editor, has published a statement in the January, 1912, issue of Poultry Culture, which is to the effect that Mr. Hicks will accept re-election, if it is the practically unanimous wish of the membership of the organization. To have him do so. Here are Mr. Searle's words on this point:

"This is another expression of the strong sentiment on the part of the members that he (Mr. Hicks) owes it, both to himself and to the association to accept the presidency for another year, in order that he may have time to carry to a successful issue the various progressive methods which he has inaugurated."

It is our belief that President Hicks should have another twelve months in which to do all he can to help promote the numerous important projects that are now in the hands of the officers and committees of the American Poultry Association for early and satisfactory completion.

A large amount of work was mapped out last summer at the Denver convention and if Mr. Hicks is to make a record of which his friends may be proud—a record that will advance the interests of the association and help materially in building up the poultry industry of America, he should be re-elected, no question about that.

Yet we are certain that many members of the association would feel better in voting for Mr. Hicks' re-election if he were to obtain some assurance from his employer, Arthur

Capper, that in future the latter will not embrace every possible opportunity to use Mr. Hicks' official position as a business asset.

Moderation in all things, is claimed to be a good rule; but Mr. Capper has been "rubbing it in," has appeared to want to go the limit. His doing so is a case of bad taste and represents poor business judgment—likewise a wrong opinion of poultrymen and of the poultry industry.

NEW MEMBERS OF A. P. A.

Since the last issue of the 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:

GEORGIA: Mrs. E. P. Bell, Atlanta; Geo. R. Donovan, Atlanta; Asa G. Candler, Atlanta; Jno. S. McCreight, Atlanta; J. F. Weatherly, Dalton; M. E. Kennedy, Temple; Mrs. L. P. Eberhardt, Elberton; J. M. Culpepper, Fort Gaines; W. S. Murphy, Louisville.

OHIO: L. S. Beelman, Bucyrus; Philip Troutman, Bucyrus; F. M. Eakin, Bucyrus; Frank G. Ross, Bucyrus; Dr. J. P. Harbert, Bellefontaine; Alden O. Rehm, Orrville; International Ancona Club, Bannock; The Dayton Fancy Feather Club, Dayton.

NEW YORK: C. L. A. Whitney, Albany; Clinton McKinzie, Oyster Bay; Herman W. Grannis, La Grangeville; National Bantam Assn., Brooklyn; E. E. Risley, Walton; E. Valentine Thompson, Amenia; Black River Valley P. & P. S. Assn., Watertown.

ILLINOIS: Harvard Poultry Assn., Harvard; Dr. G. C. Cleveland, Pekin; Dr. E. C. White, Springfield; Frank Truttman, Trenton; Quincy Poultry, Pigeon and Pet Stock Assn., Quincy; Allen J. Coe, Springfield; J. W. Myers, Quincy.

CONNECTICUT: H. P. Deming, Roberstville; Benj. Brundage, Danbury; E. W. Brown, Old Mystic; Harry Stacey Benton, South Norwalk.

MISSOURI: J. N. Sturgis, Lexington; L. Emison, Wellington; Chas. Hoefler, Jr., Lexington; Mrs. Charlie Clouston, St. Louis.

PENNSYLVANIA: Watson Westfall, Sayre; A. J. Fell, West Point; C. N. Myers, Hanover; Jos. H. Speiker, Carnegie.

TENNESSEE: Martin F. Schultes, Memphis; Mrs. J. C. Shofner, Mulberry; Miss Nannie Whitfield, Clarksville; West Tenn. Poultry Assn., Jackson.

IOWA: Julius Simm, Williamsburg; Sixth District Poultry Assn., Oskaloosa; Carl Dare, Ocoola; Grinnell Poultry Assn., Grinnell.

NORTH CAROLINA: A. A. Ray, Silver City; J. A. Groome, Greensboro; A. J. Cheek, Henderson; J. D. Laugenour, Winston-Salem.

ALABAMA: Alabama Poultry Assn., Birmingham; O. B. Cartwright, Decatur; J. F. Hattemer, Fort Deposit; B. B. Hallemon, Mobile.

INDIANA: T. J. Bresnahan, La Porte; A. M. Perkins, Washington; L. L. Whetsell, Washington.

KANSAS: E. A. Eckhardt, Tonawanda; Mrs. Emma J. Ware, Severance; Harry A. Humphrey, Mound Valley.

CALIFORNIA: Dr. C. W. Kellogg, E. Bakersfield; Hazen D. Armstrong, Los Angeles; Daniel T. Wieland, Moneta.

MINNESOTA: A. D. S. Johnston, St. Paul; Melton A. Smith, Claska, Kandiyohi Co. Poultry Assn., Willmar; A. C. Arny, St. Anthony Park.

LOUISIANA: S. M. Watson, Shreveport; J. H. Wessells, Mathews.

MICHIGAN: Claude E. Kellogg, Battle Creek; Bay City Poultry Assn., Bay City.

ARKANSAS: Cummins Ratcliff, Little Rock; Leigh Kelley, Fort Smith.

NEW JERSEY: Chris C. Burrough, Clayton; C. M. Page, Ashbury Park.

COLORADO: A. A. Hilton, Colorado Springs.

TEXAS: T. L. Temple, Texarkana. MISSISSIPPI: J. A. Rogers, Amory.

BRITISH COLUMBIA: Wm. Kirkham, Collingwood East.

WASHINGTON: L. P. Green, North Yakima.

FLORIDA: R. K. Shaw, Quincy.

ENGLAND: Rev. E. Lewis Jones, Knighton Roads.

MARYLAND: J. Edward Richardson, Arlington.

OKLAHOMA: M. V. Decker, Hobart.

KENTUCKY: J. B. Paxton, Louisville.

OHIO: F. H. Ricketts, Coshocton.

RHODE ISLAND: Mrs. Nellie L. Co-well, Woonsocket.

MONTANA: R. J. Bowen, Butte.

Total new members added to the Association's roll call since the close of the Denver convention—or up to January 15th, three hundred and ninety-one.

APPARENTLY THE "NON-FADING" RHODE ISLAND RED QUESTION IS TO REMAIN UNSETTLED

Well, the "non-fading" Rhode Island Red question seems to have been disposed of, at least for the time being—and the government at Washington still lives. But we should judge that it has been disposed of in a wrong way, and it was Henry George or some other wise man who said that a question is never settled until it is settled right.

The annual meeting of the Rhode Island Red Club of America was held in Mechanics Hall, Boston, Mass., January 10th, 1912, during the progress of the annual Boston show. From the minutes of the meeting, as sent to the poultry press by W. H. Card, Manchester, Conn., secretary-treasurer, we quote the following paragraph:

"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."

That reads like a compromise. It is generally understood that compromises are a good thing. As a rule they are. Perhaps it will prove to be so in this case. On the other hand, the "non-fading" question remains unanswered—unsettled. Such a condition cannot be for the best interests of the Rhode Island Red Club, or of Rhode Island Red breeders, or of Rhode Island Reds as a Standard-bred fowl.

Let it be conceded that Chas. M. Bryant and other members of the Executive Committee of the Rhode Island Red Club of America, acted in good faith when they adopted a motion directing all members of the Club to discontinue the use of the term "non-fading" on penalty of having charges preferred against them and being expelled from membership.

So far, so good. But what of the situation in which this latest action places all Rhode Island Red breeders? The men against whom this action appears to have been directed, C. L. Buschmann of Indianapolis, and his business associate, W. C. Pierce, have

discontinued the use of the term "non-fading" in their advertisements in the poultry press.

But what is the general poultry public to conclude?

It would appear that the Executive Committee of the Rhode Island Red Club of America has gone on record as believing that it is impossible to breed or produce Rhode Island Reds of non-fading quality. Do Rhode Island Red breeders concur in this belief? Personally, the editor of A. P. W. does not concur in that belief—and we happen to be a member of the Rhode Island Red Club of America. Furthermore, we own a large interest in a goodly number of Rhode Island Red fowls and therefore have a financial interest in the matter.

For example, we should not like to have the breeders of White Plymouth Rocks, White Wyandottes, White Leghorns, etc., to go on record as claiming or believing that "stay white" specimens of these popular varieties cannot be produced. We should have been sorry if they had made this mistake ten, twenty or thirty years ago—and it is to be regretted that the Executive Committee of the Rhode Island Red Club of America has taken practically that position as regards one of America's greatest productions in the line of Standard-bred fowl.

As an illustration of how non-members of the Rhode Island Red Club may be expected to regard the present situation in Rhode Island Red circles, we quote the following from "Western News Notes," written by Thos. F. Rigg, the well-known poultry breeder, poultry judge and poultry writer of Iowa Falls, Iowa:

"Talk about blunders! The one made by the Executive Committee of the Rhode Island Red Club of America easily leads. Think of the national club's official representatives proclaiming to the world that it is impossible to produce a Rhode Island Red hen that is red. It does not seem possible that such a foolish, unbusinesslike edict could come from an official source. The members of that committee should recall their proclamation and apologize to the men and women who are earning a livelihood by breeding and selling Rhode Island Reds."

We haven't had the time or opportunity to keep tab on this "non-fading" controversy by reading what has been said on the subject in other poultry papers, but here is a quotation from "Editorial Notes and Comment" by Wm. C. Denny, associate editor of the A. P. W., reprinted from page 120 of the December, 1911, issue of this paper:

"Among the exhibits were two hens and two pullets shown by Frank Langford, Nashville, Tenn., that in our opinion were the four best S. C. Rhode Island Red females ever brought into a show room by one exhibitor. While the pullets were of exceedingly high quality, it was the hens that impressed us as being the best that we ever saw. Besides our wish to give credit to

Mr. Langford for the success in showing such exceptional specimens, we believe that the point in which the readers of AMERICAN POULTRY WORLD will be interested, is the fact that while good as the pullets were, the two hens shown by Mr. Langford excelled the color of his two remarkable pullets. We were so much taken with them that in company with a number of well-known poultrymen, including President Hicks and Secretary Campbell of the American Poultry Association, John H. Robinson, Editor of Farm Poultry, U. R. Fishel, C. I. Fishel, F. L. Kummer and others, we compared the two hens with the two pullets and commented on the remarkable lustre, strength and evenness of their color which was at least equal, if not superior to that of the pullets.

"These two beautiful, rich, even red hens have further established our belief that Rhode Island Red females whose plumage after moult is the equal to that of pullets can be and are being produced, much to the credit of the skillful breeders who have made remarkable progress in improving both color and shape, during the past ten years."

If men like Mr. Langford, Mr. Buschmann, Mr. McCoy and all other breeders of Rhode Island Reds are prepared to admit in a semi-official manner that "non-fading" Rhode Island Reds cannot be produced, well and good, but if they are not satisfied to have the general poultry public so understand the matter, then it is up to them to say so in no uncertain terms. If we were a specialty breeder of Rhode Island Reds and had the good fortune to own half a dozen or more of what might reasonably be called non-fading specimens, we would advertise the fact to the world—and take the consequences.

Solely with a view to the best interests of the Rhode Island Reds we are sorry that Messrs. Buschmann and Pierce did not stand by their guns. We do not know whether or not they have any non-fading Rhode Island

Red females. They claim that they have, and we have talked with reliable witnesses who have been to their poultry plant and have seen birds there which they have described in as strong terms as those used by Mr. Denny with reference to Mr. Langford's two hens exhibited last fall at Nashville, Tenn.

W. C. Pierce knows Rhode Island Reds as well as any other man in America, at least so far as their Standard values are concerned. He claims that Mr. Buschmann owns S. C. Rhode Island Reds females, two, three and four years old, that in new plumage are practically as bright and rich colored as are well matured pullets. In that case Mr. Buschmann has missed the opportunity of his life, in case he has decided to allow the interested public to conclude that he did not have and does not own what may properly be described as "non-fading" Rhode Island Reds.

A question of this kind should be impersonal—should have to do with facts, not persons; then it should be looked into carefully, thoroughly, judicially. And the results of such an investigation, whatever they prove to be, should be given to the public in plain terms, regardless of whose corns are trodden upon or whose interests are promoted.

—o—

THE EFFECT OF HIGH PRICES IS TO PUT RESPECTABILITY AND CONSCIENCE INTO THE STANDARD-BRED POULTRY BUSINESS.

Wm. Barry Owen, proprietor of Owen Farms, Vineyard Haven, Mass., had occasion to write us last month, one of his cordial, newsy business

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 G. A. and G. B. matings. They will open your eyes and save your pocketbook.

A. A. CARVER,

Lock Box No. 2,

SEVILLE, OHIO

letters, and here is part of what he said, under date of January 13th:

"I wrote a letter yesterday, refusing an out and out offer of \$1,000 for our first prize White Orpington New York cockerel. We had priced him in New York at \$1,500, and yesterday came a letter offering \$1,000 for him, and I wrote and refused the offer, for the reason that we had listed him in our mated pens for the year and had said in our advertising that we had not sold any of our New York winners, with the exception of one bird, but had put them into our pens and were keeping them."

Three big facts are involved in this incident: First, that so large a sum of money should be offered and refused for a single specimen of Standard-bred fowl.

Second, that a man of Mr. Owen's business ability should decide that it is better to retain his New York prize winners than to sell them at long prices.

Third, is the honorable position taken by the proprietor of Owen Farms in refusing one thousand dollars for a bird that might die within twenty-four hours, or within a week or a month.

One thousand dollars is a lot of money for eight or nine pounds of chicken meat, bone and feathers—no doubt about that. The one exception referred to by Mr. Owen was a bird sold by him during the progress of the New York show, for which he was paid \$750 in cash. Yet it's like the old saying, "You can't eat your cake and have it too." If a poultryman or a poultry plant starts out to have the best birds—proved so in competition—this man or plant cannot sell the best birds "and have them too."

Which is the better plan for a poultryman to adopt, is still an open question—whether to sell his best birds, provided he can get top prices for them, or to retain these finest speci-

ments in his own breeding yards, thus making sure of continuing his blood lines and doing so by the use of the highest-quality individuals produced season after season by these blood lines.

It is full time for poultrymen and women to give their best thought to these questions. One would judge this to be the case when the choicest fowls produced each season in the popular varieties are selling at \$100 to \$1,000 per head—and not enough of the top-notchers to go around. Producing these top-notchers is a problem that requires close study, painstaking experience and years of time. If all of us, or even a moderate number of us, could produce birds of this quality by a mere wave of the hand or could "wish" them into existence, they would be selling at market poultry prices on a par with potatoes and cabbage.

We notice by the latest advertisements of Owen Farms that they are now charging a dollar per egg straight for hatching eggs. This is as it should be. If you, reader, want to get a right start in the Standard-bred branch of the poultry industry, it is far better to buy five eggs at a dollar apiece from a reliable breeder who has really choice stock, than it would be to buy one hundred or five hundred eggs for the same amount of money.

Any poultryman who owns fine fowls for which he refuses as high as \$1,000 a head is fully entitled to charge a dollar per egg for hatching eggs—in fact, the time will come, and ought to come soon, when eggs from such stock will sell generally at considerably higher prices than a dollar apiece. Quite a number of the foremost poultrymen are now charging two to five dollars each for eggs, and a limited number of poultrymen

charge more than five dollars per egg, if the buyer insists on having eggs from some particular pen or mating.

The Standard-bred branch of the poultry industry is rapidly coming to be a matter of respectability and conscience. By "respectability" as here used we mean high prices, in large part. Positively it is impractical, as a sound business proposition, to build good poultry houses, buy or breed good stock, give the birds proper care, advertise for trade, exhibit at shows, issue printed matter, handle correspondence, pay the labor bills and sell really choice specimens, suitable for exhibition and Standard breeding purposes, at four or five dollars per head and hatching eggs at two or three dollars per sitting. Yet this is precisely what poultrymen were trying to do, with but few exceptions, five to ten years ago.

Respectable prices should mean respectable methods—and as a rule they do. Ownership of a hen that can produce an egg is a small matter. On the other hand, the establishing of a strain of Standard-quality or special-purpose-fowls, the proper care of breeding stock, the exhibiting at shows, the necessary advertising, printed matter and letter-writing to reach and convince the interested public—all these things, if properly and successfully done, cost money, and a lot of money in proportion to the amount of the usual annual sales. The poultryman, let it be understood, has only two products to sell—stock and eggs. The stock and eggs, therefore, must carry the entire expense, also a fair margin of net profit, otherwise the business is a failure—is a money-loser instead of a money-maker.

Given high prices, we come to the matter of conscience. For the time

A FLIGHT OF FANCY AND A RECORD WIN AT TOPEKA

THE QUALITY SHOW OF THE WEST

After a Trip of 1500 Miles, The Longest on Record

BRIGHT'S Best of All Strain of BARRED PLYMOUTH ROCKS

Make a phenomenal and sensational win—1-4-5-6 Cocks (four shown), 1-4-5-6-7 Hens (five shown), 1-2-4 Cockerels (four shown), 1-2-4-6-7 Pullets (five shown), 1-2 exhibition yard (two shown), 1st breeding yard (females). Champion Male, Champion Female, Nine Cups. Such a remarkable win after a trip of 1500 miles requiring three days travel in small shipping coops, speaks volumes for the quality of our Barred Plymouth Rocks and for their stamina as well.

Show Birds That Can Win In Any Competition

Remember our Madison Square Garden, N. Y. record—the best made by any breeder for the past five years. **Now is the time to get a Breeding Male, Trio or Pen that will produce you many Exhibition Birds.** Prices quoted cheerfully. Please state what you want.

GROVE HILL POULTRY YARDS, Box 404, WALTHAM, MASS.

WILLIAM ELLERY BRIGHT, Proprietor,

A. C. SMITH, Superintendent.

being, at least, it rests almost solely with the proprietor of Owen Farms as to what value he is to send to his customers in the form of hatching eggs at a dollar apiece. It is a question of both judgment and conscience. The quality must be in the stock—that fact is understood. Furthermore, the men who mate this stock must know how to do it in order to obtain satisfactory progeny. But we will take judgment for granted. Let us say also that our readers should understand that we are not seeking to make a special case of Owen Farms. What we are writing about in this connection are general principles—words and thoughts that apply to all poultrymen and women who are engaged in the Standard-bred branch of the poultry industry of America.

Mr. Owen has shown us where he stands on the conscience question—doing so by his refusal to accept a flat offer of one thousand dollars for eight or nine pounds of chicken meat, bone and feathers. He did this because he had given his word in his advertisements that all of his New York prize winners, with but one exception (the bird sold by him during the progress of the 1911 Madison Square Garden show), are to be retained in the Owen Farms breeding pens for the hatching season of 1912.

When Ernest Kellerstrass was doing more than any other one man to lift the Standard-bred branch of the poultry industry of America upon a higher

prices—we said to him more than once: "There are two things, Mr. Kellerstrass, that you will find it necessary to do. First, inasmuch as you are charging higher prices than most other poultrymen, you will have to have strictly high-quality birds—birds and hatching eggs that are worth the prices you are getting for them. Second, it is absolutely necessary that you satisfy your customers, provided Kellerstrass Poultry Farm is to be the big and permanent success you hope to make it."

Mr. Kellerstrass took the same view of the situation, and we believe that he has done the best he could to live up to it. Nor has it been an easy task—either for him or for other breeders and advocates of this variety. The demand for White Orpingtons has far exceeded the supply and no doubt birds of mediocre quality, both in this country and England, have brought prices in excess of their true value. This condition will right itself within a short period of time. It is doing so now—and at a rapid rate.

At the annual banquet of the International Poultry and Pet Stock Show, held at the Hotel Buckingham, Buffalo, N. Y., Friday, January 5th, the editor of A. P. W. responded to the toast, "Today's Best Chance in the Standard-bred Poultry Business." Among other things, we urged better quality, greater skill, more study, higher prices. Geo. H. Burgott, Law-

ton's Station, N. Y., was present at this banquet. Under date January 16th, Mr. Burgott was kind enough to write us as follows:

"Dear Curtis:—Just to let you know that your to-the-point remarks at the banquet did me good. One party bought \$25.00 worth of eggs from me in 1911 and now refuses \$150 for four of the chicks. Find list of new egg prices herewith. Cordially yours."

Mr. Burgott is a specialty breeder of S. C. Brown Leghorns. His card reads, "Bred in line since '79." That phrase "bred in line since '79" ought to tell its own story. By this time a man of Mr. Burgott's ability—a man who is as fond of S. C. Brown Leghorns as he is—should have a strain second to none. On his card are these words also: "Again at Madison Square Garden, December, 1911, the Empire Strain stands undefeated and alone, demonstrated by winners, bred from winners."

At the bottom of Mr. Burgott's latest card is this announcement: "Advance in price of eggs for hatching. One sitting, \$10; two sittings, \$18; three sittings, \$26; four sittings, \$32; 100 eggs, \$50."

It makes no difference, so far as our point of view and arguments are concerned, what prices Mr. Burgott formerly charged. Our contention is this: If he previously charged only half as much money for eggs for hatching, let him now mate up half as many birds and have them twice as



FIRST PRIZE WHITE ORPINGTON COCK - CHICAGO, 1909
OWNED & BRED BY LAWRENCE JACKSON HAYSVILLE, PENN.

"MAJOR DOMO."

He took First and American Orpington Club Special, also American White Orpington Club Special at Chicago; First and Silver Cup at Pittsburg, and First and American Orpington Club Special on White Cock at Cleveland. These are the only competitions in which he was ever entered.

WHITE ORPINGTONS

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

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.

good, on the average. That is the point!

If these foremost specialty breeders, winners of the blue in the keenest of competition, are to sell us eggs at all, we want the best quality that we can afford to buy. If these men are willing to sell hatching eggs from their choicest matings, well and good—let them put their own price on them, then give us the real thing—which is equivalent to an equal chance to go into the show room the following season and compete for highest honors.

But will they do this? That is for them to say. If we are willing to pay sufficiently high prices—respectable prices, as we call them—it then be-

comes with them a question of honor, of conscience, of manhood—of good business judgment.

Even if they sell us a share of the best quality eggs, the chances still are much in their favor, when it comes to the matter of competing with them successfully in the show rooms of the country. They have the strain, have the advantage of numbers, have the experience, etc. But at least let us get upon the basis of respectable prices, of cost-covering, profit-earning prices, and then let every self-respecting poultryman do just what he agrees to do, otherwise he is obtaining money under false pretenses—is ignorantly dishonest or a deliberate swindler.

**TO BLEACH OR NOT TO BLEACH,
THAT IS THE QUESTION—
WHETHER IT WOULD BE
BETTER, ETC**

The American Standard of Perfection—edition now in force—might say, in its "Instructions to Judges," or somewhere else in its more than three hundred pages, that birds entered for competition at poultry shows where the Standard is used as the guide for placing the awards, "shall be shown in their natural condition," but it doesn't.

The nearest that our Standard comes to saying this is the rule on page 32, under the sub-head, "In ap-

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.

My 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-

ledge. 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, one setting \$10; fifty eggs \$35; one hundreds eggs \$60.

SEE MY OTHER AD.
ON
BACK COVER PAGE

E. B. Thompson

Lock Box 330
Amelia, New York

plying the comparison system"—part of the "Instruction to Judges"—which rule reads as follows:

"The natural white bird shall not be handicapped by the apparently bleached one, and, other things being equal, the natural white bird shall win."

The only other provision in the Standard which may be said to bear on the question, "To bleach or not to bleach", is found under the heading, "Instructions to Judges", and is in this form:

"**FAKING:**—Faking of any description shall debar from competition specimens so treated; also every other bird entered by the exhibitor showing the faked specimen or specimens (See Glossary for what is meant in this connection by faking.)"

The Glossary definition of faking, see page 21 of the Standard of Perfection, covers removing or an attempt to remove foreign color in face or earlobes when same is a disqualification, removing side-sprigs, trimming combs, except the dubbing of Games, artificial coloring, plugging the holes on legs of smooth-shanked varieties, etc., but the clause that perhaps should apply to "bleaching" reads as follows:

"In fact, any self-evident attempt on the part of an exhibitor to deceive the judge and thus obtain an unfair advantage in competition."

AMERICAN POULTRY WORLD stands for a square deal—first, last and all time. Its record, subject to the fair share of mistakes that every business firm or individual is entitled to make, is wide open to criticism at any time, either private or public. It

is because A. P. W. believes in and stands for a square deal that we are opening up this subject—to bleach or not to bleach.

Plainly stated, our position is this: If anybody has the right to bleach, is to be allowed to bleach, then everybody has the right to bleach, and it is a part of good poultry journalism to tell all interested persons just what bleaching consists of and how to do it. And that is exactly what we are going to do.

Looked at in another way, we view the situation in this light: Every exhibitor of poultry should come to the entrance of a poultry show hall on equal terms, so far as matters are concerned over which he has no control, but that have a direct bearing upon his success or failure. This includes the provisions of the American Standard of Perfection and the poultry show rules under which he must exhibit his birds. If neither the Standard of Perfection nor the show rules forbid bleaching, then all should have an equal chance to give their birds—meaning white fowls especially—this special treatment.

It will be conceded by experienced exhibitors and judges that as a rule the unbleached white fowl does not make as good an appearance—perhaps does not stand an equal chance in competition with the average bleached white fowl. In other words, the bleaching helps quite materially—helps the appearance of the bird and helps it to win highest honors. Miss Carey, the White Orpington breeder

of England, was astonished—captivated—by the superior whiteness of the White Orpingtons, White Wyandottes, White Plymouth Rocks, White Leghorns, etc., at the last Madison Square Garden show, held in New York City, December 19-23, 1911. Said she:

"Our birds do not look like that in the foremost English shows. I believe that if birds that are as white in plumage as are these magnificent specimens were to be shown at the Crystal Palace in London, for example, they would be set back or ignored by our best judges. They would not understand such chalk whiteness. Certainly these birds are not strictly in their natural condition. You Americans admit, as I understand it, that they have been bleached—that they have had a special washing that takes the yellow tinge out of the plumage. They are truly beautiful, no question about that—and I am going to learn how it is done and shall try to educate our judges up to it, but it will take some time."

This brings up such questions as: Of what does this "special washing" consist? How is it done? Is it injurious to the fowls? Is it legitimate?

Ordinary washing consists of using water, a good grade of bluing, and pure, white soap. The soap is thoroughly rubbed into the feathers, with the object of removing every particle of dirt—every sign of soiled condition. Bluing is supposed to have the same effect that it does when used in washing white or bleached muslin, linen, etc.—This process, however, is not what is meant by the word "bleaching" as applied to Standard-bred fowls. This is simply washing the

LIKE A MIGHTY AVALANCHE MY WHITE ORPINGTONS



WAITE ORPINGTON HEN
BRED AND OWNED BY
E. B. ROGERS, SPECIALIST, CINCINNATI, OHIO

swept down on the Chicago Show (December, 1911) and in the largest class ever exhibited in America, won 1st cock, 1st, 2nd pullet, 4th cockerel, 4th hen, 5th pen. There were 26 cocks, 38 hens, 41 cockerels, 41 pullets and 17 pens competing. This grand winning together with my remarkable record at the last Ohio, Indiana and Kentucky State Fairs where my birds won 18 firsts out of a possible 23, make my White Orpingtons pre-eminently the **Best**.

SOME GRAND BIRDS FOR SALE

including 150 pullets and some choice cockerels. Fine breeding and exhibition quality. I have 15 pens of selected breeders and am now hatching and can deliver eggs of high fertility. Book your orders early. Write for free Catalogue.

ROGERS POULTRY YARDS,

E. B. ROGERS, Prop., No. 1662 Herschell Ave., CINCINNATI, OHIO

bird and it is not supposed that any one will object to the use of bluing in the washing water.

But the expert fowl conditioner does not stop here. He now resorts to Hydrogen Peroxide or ammonia—one or the other, sometimes both. Hydrogen Peroxide (also called Peroxide of Hydrogen), is one of the best antiseptics known to the surgical profession, to medical science. It can be poured into wounds with impunity—is a germ killer, arrests disease and is a destroyer of proud flesh. It can be used full strength in the human nostrils, mouth or throat and will not injure the healthy membrane.

Some poultrymen go so far as to immerse the white fowl in Hydrogen Peroxide. After the bird has been thoroughly soaped and washed in bluing water it is submerged in Peroxide, except its head and then is allowed to drip off and dry out, while kept in a warm apartment or special drying box, fully protected from drafts.

The more popular method among these successful poultrymen who have learned that "pink of condition" is a highly important point in the winning of the blue, is to apply the peroxide or ammonia (or both) to the surface of the plumage with a sponge or soft cloth, thoroughly wiping or stroking the surface of the plumage with one or the other of those liquids, and their effect seems to be to take away whatever yellow tinge that may exist, provided this yellow tinge consists of the oil in the feathers arising from the feathers being in a "green" or unseasoned condition. Feathers of "stay white" birds are supposed to whiten as they grow older and should be pure white and quite dry, as to fatty oils, along towards molting time.

We are informed that the application of peroxide to the surface of a fowl's plumage, by the use of a sponge or soft cloth, does not injure the plumage to any extent whatever. It appears to whiten it by removing the oily tinge and is said to give it a chalk-white or dead-white appearance in place of the oily, shiny condition that is now held to be objectionable by popular judges at our leading exhibitions.

On the other hand, it is claimed that the use of ammonia, if too freely applied, does injure the plumage, though whether or not this injury is self-evident we do not know. In cases where the injury is self-evident, it would seem that the poultry judge should feel called upon to refuse to award a regular prize in competition. Evidently here is where the instruction is meant to apply—as found on page 32 of the Standard of Perfection—to wit: "The natural white bird shall not be handicapped by the apparently bleached one", etc.

In passing, let it be remarked that the publication, in our Standard of Perfection, of this "Instruction to Judges" regarding "apparently bleached" birds, presupposes a bleaching process—that is, acknowledges its existence and does not forbid it. Our Standard rule does say, however, that "other things being equal", the "natural white bird shall win."

Possibly this "instruction" does not

go far enough. On the contrary, it may be that it is wrong altogether. Successful poultry breeders who practice bleaching, or "conditioning", as here described, will claim, and for good reasons, that their birds are of the "natural white" kind—absolutely so. In fact, we should judge that America's best breeders of Standard-bred fowls of the white varieties are today bleaching their finest show specimens, in one form or another, and it is the same men who are producing our whitest birds—the "natural white" kind, to quote the wording used on page 32 of the Standard of Perfection, under the heading "Instructions to Judges".

Suppose, then, that it does not injure the plumage of these whitest specimens—that it does not injure them in the slightest degree to apply peroxide to the surface of their plumage by the use of a sponge or soft cloth. In that case, ought the practice be forbidden or penalized? In that event, should our judges be instructed that if a bird is "apparently bleached", some other bird that is "natural white" shall win?

But these word-juggling points are of minor importance. The big question is, if our best and most successful breeders and exhibitors are to be permitted to bleach their birds by the use of peroxide or otherwise, then it is fair and right that all poultrymen and women who are to enter into competition with these experienced exhibitors, shall know, and shall have the right to practice, the same high art of conditioning so that they may have an equal chance in competition.

It is on this broad ground that we have raised the question and it will give us pleasure to print in these columns, between this time and the opening of the next show season, full and explicit instructions on the best methods of bleaching fowls, with the idea of pleasing the judges who at the present time are applying the rules and requirements of the American Standard of Perfection to the best of their knowledge and ability, doing so without fear or favor.

NEWLY ELECTED OFFICERS OF THE NEW YORK STATE BRANCH OF A. P. A.

The annual meeting of the New York State Branch of the American Poultry Association was held in Buffalo, January 6th, during the progress of the International Poultry, Pigeon and Pet Stock Show, at which meeting the following officers were elected to serve one year:

President, Robt. H. Essex, Buffalo, N. Y.

Vice-President, Walter McEwan, Albany, N. Y.

Secretary, Dr. Stanley A. Merkley, Buffalo, N. Y.

The selection of Mr. Essex as president of the New York State Branch is a fortunate one and we wish we could say as much for Dr. Merkley. Instead of re-electing Dr. Merkley to the office of secretary, some one in the eastern part of the state should have been chosen. Mr. L. D. Howell of Mineola, secretary of the Grand Cen-

tral Palace Poultry Show, was nominated, but in view of the fact that the meeting of the Branch was held in Buffalo and the vote was limited to the members in attendance, it was natural that Dr. Merkley should have been chosen, especially so as he wanted the office. Dr. Merkley clearly demonstrated at Denver last August



ROBT. H. ESSEX, BUFFALO, N. Y.
Newly-elected President of the New York State
Branch of A. P. A.

that he is not the right man for the place. More on this subject next month.

Whatever Mr. Essex undertakes, he does with his might. Truth is, he is too busy a man to do full justice by this position—but it is the busy men who do things! Having consented to accept the office we may rely upon it that Mr. Essex will do his level best, first to last. He should have the hearty co-operation of every A. P. A. member in the Empire State.

New York has been lagging behind during the last three or four years, in the way of adding new members to the parent association and the state branch. Six years ago New York had nearly three times as many members as the state of Ohio, but at present Ohio has a larger A. P. A. membership than New York State—this, in face of the fact that Ohio has a population of only 4,767,121, whereas New York State has a population of 9,113,614. Both of these figures are obtained from the U. S. census of 1910.

THOS. F. MCGREW ENDORSED BY PENNSYLVANIA STATE BRANCH FOR A. P. A. PRESIDENCY

At a meeting of the Pennsylvania State Branch of A. P. A., held at Scranton, January 18th, in connection with the Scranton Poultry Show, Thos. F. McGrew, well-known poultry judge and poultry writer, was endorsed by his home state branch for the office of president of the American Poultry Association. The following paragraph is reprinted from the January 19th issue of the Tribune-Republican of Scranton:

"One of the most prominent men in the state association is Thomas F. Mc-

Grew, of this city, principal of the school of poultry husbandry of the International Correspondence Schools, and his popularity among his fellow poultrymen was signally shown by the members yesterday afternoon when it was unanimously decided to endorse him as the candidate of Pennsylvania for the presidency of the American Poultry Association. This is the highest office in poultrydom and as Mr. McGrew has served as a member of the national executive committee of the association for many years and is known personally to every breeder and exhibitor in the United States and Canada, his chances of election are more than good".

It is understood that in the event that President Reese V. Hicks decides to stand for re-election, Mr. McGrew will not be a candidate. President Hicks is the editor of Poultry Culture, published at Topeka, Kansas. In the January, 1912, issue of Poultry Culture, on the editorial page, is an announcement signed with the initials of Ralph H. Searle, an assistant editor of Poultry Culture, from which we quote the following paragraph:

"The growing sentiment in favor of insisting that Mr. Hicks take the office of president for another year, crystallized at the recent Madison Square Garden show, when Col. T. F. McGrew stated that he would not be a candidate for the office of president this year and urged Mr. Hicks to announce that he would stand for re-election if this seemed to be the desire of the members as expressed in the nominating ballots".

It is evident that President Hicks is willing to accept re-election, provided his doing so conforms with the practically unanimous wish of his fellow-members of A. P. A. The nomination ballots are to be mailed out this month by O. L. McCord, Election Commissioner, Dansville, Ill. Should any member of A. P. A. fail to receive his nominating ballot he can obtain a duplicate by addressing the election commissioner.

*** Red breeders cannot afford to be without a copy of the book "The Rhode Island Reds". Instructive as well as interesting ***

SECOND EDITION OF THE 1910 STANDARD IS TO BE A DECIDED IMPROVEMENT OVER THE FIRST EDITION

It would appear that copies of the second edition of the 1910 Standard of Perfection will be ready for distribution within the next sixty days—if all goes well. The new book may be out by March 1st, though this is doubtful. New cuts have been made—so far as new cuts are to be used—but it takes time to print the color-plate inserts, also to print and bind so large a book, a book consisting of 350 pages.

This second edition, although more or less a patch-work affair, is to be a decided improvement on the first edition. The half-tone cuts are much better, thanks to good engraving—work done by men who know the difference between a Standard-bred fowl and a sack of bran. This time the engraving is being done by J. Manz & Co., Chicago, Ill., a house that has made first-class poultry engravings for many years, and Franklane L. Sewell, poultry artist, as a member of the Committee on Editing and Publication, representing A. P. A., is being permitted to instruct the engravers in the work of bringing out the special values in these high-class, technical illustrations.

However, it was Manz & Co. who made the colorplate illustrations for the first edition of the 1910 Standard, and their first attempt at reproducing specimen feathers, representing the natural colors of Standard-bred fowl, was a sorry disappointment. The several plates did not register, the colors overlapped, spoiling even the background, and the general effect was poor enough—was a mechanical and technical failure. As a matter of fact, this job of color printing ought not to have been accepted. It is to be hoped that Manz & Co. will meet with far better success in their second attempt—and we believe they will. They can do the work and do it right, if they are told what is want-

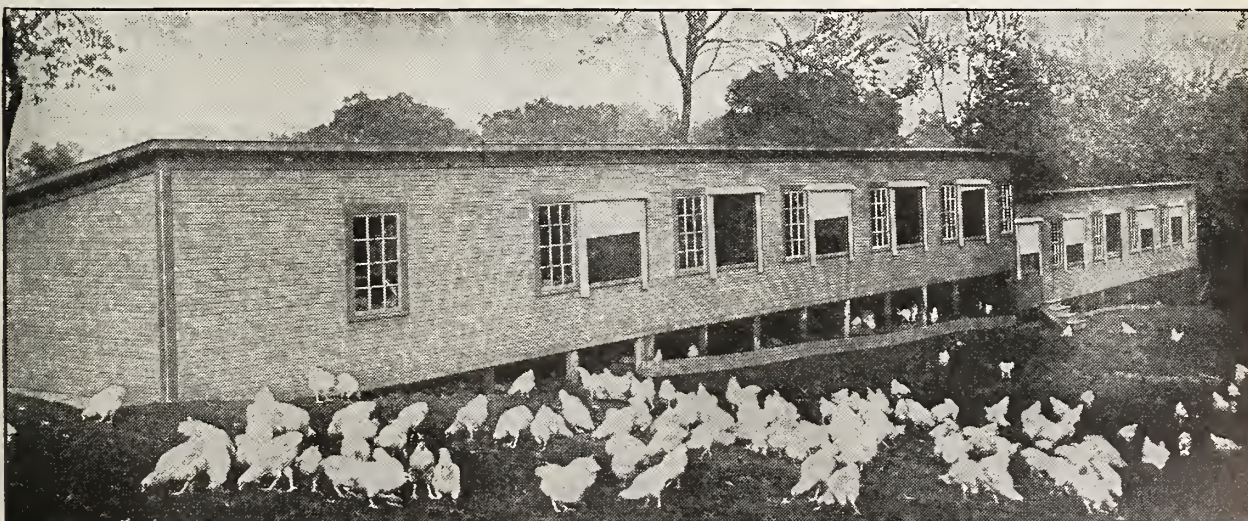
ed and if some one will insist on having a strictly first-class product in color printing by the process employed.

Artist Sewell has prepared a new Barred Plymouth Rock male picture, using for the purpose an enlarged photograph that he happened to have of the original sketch of this bird—the sketch that was destroyed by the Boston bunglers who worked it over into the W. Harry Smith Dominique male that appears on page 93-A of the first edition of the 1910 Standard. The Boston printing house that allowed this mutilation to take place told Ex-president Bryant that they would pay for the original Barred Rock sketch—the sketch that took eight and one-half days of Mr. Sewell's time to make—and they should be required to do so.

Mr. Sewell has also made a new Barred Rock female illustration and a new White Rock male sketch—and they are beauties. The Barred Rock female resembles closely the White Rock female on page 45 of the first edition of the 1910 Standard and the White Rock male conforms closely to the Barred Rock male in the present Standard—see page 40. The body of the Barred Rock female has been shortened fifteen to twenty per cent. and the White Rock male is placed in an upstanding position and looks fully as alert and vigorous as the Barred Rock male.

The somewhat dumpy appearance of the Buff Rock male in the present edition has been remedied and the mechanical work of engraving the new Buff Rock sketches, male and female, is about five hundred per cent. better than the Boston output, as shown in the first edition of the 1910 Standard. Truly, that was about the "bummest" layout of supposed-to-be high-class engraving that we have seen thus far, east or west. The paper that was furnished, on which to do the printing, was all that could be asked for, but there was no chance of getting satisfactory results from such rank half-tone plates.

Artist Burgess has "helped out" the



ONE OF THE MAIN BREEDING HOUSES

At Rogers Poultry Yards, E. B. Rogers, proprietor, 1662 Herschell Avenue, Cincinnati, Ohio. This plant is devoted entirely to up-to-date White Orpingtons of high quality, as their winnings at the recent Chicago show will attest.

Silver Penciled, Partridge and Columbian Plymouth Rock quite materially and Messrs. Manz & Co., have done their part in the direction of giving us much better illustrations of these new varieties of the Plymouth Rock breed. In the second edition of the 1910 Standard the hackles of the Columbian Plymouth Rocks and Columbian Wyandottes will be nearer alike—conforming more closely to the text

Wyandotte breeders to decide—not the artists or engravers.

Artist Schilling has made new sketches of the Orpingtons, Minorcas and Houdans, males and females—and they show distinct improvement. As we understand it, these sketches are all new, entirely so—six in number, and Mr. Schilling made them at his own expense in hopes of benefiting these popular breeds and meeting the wishes of down-to-date breeders who want their favorites correctly and attractively represented in the American Standard of Perfection.

Mr. Sewell has touched up and improved the Leghorn sketches and has looked closely after the work of the engravers, in an effort to obtain in the new half-tone cuts the full values represented in the sketches from which these cuts were made. A considerable amount of painstaking work had to be done in properly restoring outlines that had been destroyed by the clumsy and unappreciative work of the Boston engravers or commercial artists who had turned a blow pipe on these sketches with the avowed object of having the backgrounds more uniform—a job that evidently was done much as a fireman operates when he turns the hose upon a burning building.

Artist Burgess has made a new Silver Grey Dorking male and has improved the Silver Spangled Hamburg illustrations. Mr. Sewell has fixed up the pin-point comb on the Buff Cochin male sketch—points that resulted from scissors work done by the Boston blow-pipe specialist. Other similarly defaced sketches have been remedied by Mr. Sewell, so far as time would permit.

We regret to have to report that the second edition of the 1910 Standard is to perpetuate for a period of three years or more the storm-defying Buckeyes on page 102-103 of the present Standard—the birds with the shoe-button eyes. But this misfortune is offset in part by the fact that the Dominique pictures, pages 93-A and 93-B, made by the same Halley-comet artist, are not to be repeated. There may have been, in the world's history a worse caricature than the picture of the Dominique female, page 93-B, but if so it was a long time ago.

It was voted at Boston, last October, to continue the Buckeyes in

the Standard. Committeemen Bryant and Nichols voted in favor of doing this, while Committeemen Denny and Sewell voted against it. Chairman Kimmey pronounced the motion lost—a motion made by Mr. Denny to dispense with these Buckeye storm petrels. Therefore we are doomed to have them with us probably until 1915 or later, depending on how soon the 1915 edition of the Standard can be produced.

We are informed that a letter was read by Ex-President Bryant at this committee meeting—a letter from a woman who breeds Buckeyes and expressed herself as being delighted that these pictures had been published in the American Standard of Perfection. Perhaps Mr. Bryant would like to have us publish this letter—also any others that he may have received on the same subject.

We should be glad to render this service to the Buckeyes—also to the Standard-bred industry as a whole. It would be well to open up this question and find out whether or not Buckeye breeders as a class are satisfied with these shoe-polish, "ideal" pictures that have ROSE COMBS, whereas the word description says they shall have pea combs!

We are informed that Chairman Kimmey endeavored to make arrangements to have new sketches made of the Dominiques, male and female, but the artists (or artist) were too busy at this time of the year to do the work. This statement does not have reference to W. Harry Smith, the commercial artist of Boston who perpetrated the pair of Dominiques and the pair of Buckeyes in the first edition of the 1910 Standard. But it does show Chairman Kimmey's desire to get rid of that Dominique female, if possible. Failing in his effort to procure a substitute he has decided to discard this Sing Sing belle and to throw out her "faked mate" along with her—so we have been informed.

Louis P. Graham, when he learned definitely and positively what had been done to his original sketches by the Boston quick-change artists, simply threw up his hands—and he has kept them up. In the absence of authoritative instructions, and feeling outraged at the injustice that had been done him by the ignorant mutilation of his sketches, Artist Graham flatly refused to correct, restore or remake them, he to do this work at his own expense; therefore the Red Pyle Game female on page 229 that is larger-bodied than the male shown on page 228 directly opposite—a female that has a head fully fifty per cent. too large and a beak that looks like the picture of a miniature battleship—this misfit-lady is to be reproduced in the second edition of the 1910 Standard, unless Chairman Kimmey, in desperation, should decide to throw this nightmare out of the book.

If any reader of these lines is in doubt as to just what is meant, or thinks that we are exaggerating, please look at your 1910 Standard and read the word description of the shape of head, under "shape of female", page 217, then look at the head of the Red Pyle Game female,



A TYPICAL "REGAL".

The above male was one of the features of the White Wyandotte class at the great New York State Fair, and was described by Judge Drenstedt as follows: "The star of the class was the cock heading the first prize pen of fowls, a most symmetrical fellow, showing beautiful curved lines and almost ideal head and comb, spotless white plumage and good yellow legs and beak".

description, which is identical in this section for both varieties.

Artist Burgess found it necessary to make an entirely new sketch of the Silver Wyandotte female. It will be recalled that the Boston engravers allowed one of their employes to cut this bird out of the original background—the background prepared by Mr. Burgess—and to remount the sketch on a new background. In doing so the body of the bird was tipped up behind, elevating the tail to a point on a level with the bird's comb and giving the subject the appearance of having its legs placed on wrong. Mr. Burgess was not able to use the mutilated sketch, and therefore made a new one—doing so at his own expense. The new ideal shows decided improvement from the artist's point of view, yet the Wyandotte female depicted is still as round as a marble, or nearly so. But that evidently is what the word description calls for, despite the fact that this shortness and roundness of body is well calculated to seriously interfere with egg production. That is a matter, however, for

page 229, and compare it with the head of the Silver Duckwing Game female, page 225. These heads should be the same in shape, identically so. The combs of these two birds also should be identical; likewise the size and shape of eyes and beak.

At the New York Show, December 19-23, 1911, Ex-President Bryant stated in the presence of Artist Graham that any one who claimed that the original sketches, as delivered to and used by the Boston engravers, had been changed or mutilated, simply lied. Mr. Graham promptly replied: "I say that those sketches, at least those that I made for the 1910 Standard, were changed and mutilated, and I am not a liar. I have those sketches in my possession and if you will remain here with these gentlemen thirty minutes, I'll get them and prove by their condition that what I have said is the truth."

Mr. Bryant did not insist on having the Graham sketches brought into the discussion. But that is neither here nor there. The damage to the Standard of Perfection, to its owners and to the poultry industry has been done. It is now a question of how to remedy matters.

Artist Burgess has made a new sketch of the Bronze Turkey female—a welcome improvement, and has also touched up, to an extent, the entire line of Wyandotte illustrations, taking away in part the stiff and wooden appearance, doing so at the suggestion of Mr. Sewell. It is much to be regretted that Mr. Sewell was not given the opportunity to help out in this way in the first place. That was the object in selecting him as a member of the Committee on Editing and Publication. He was to have served in the capacity of official artist—as he did on a similar committee that had charge of editing and publishing the 1905 edition of the Standard of Perfection.

It can be judged by what is here stated that the second edition of the 1910 Standard is to be a decidedly better book than the first edition, as regards the highly important matter of illustrations. Furthermore, the errors of text that crept into the first edition are to be corrected in the second edition. Following are examples:

Disqualifications that are illustrated in the Glossary of Technical Terms and are marked "defects", are to be called "disqualifications". This was an error inherited from the 1905 Standard.

On page 35 under the sub-heading "Cutting for Defects", the line, "Down between the toes of clean-shanked varieties, cut one-half to two points", is to be stricken out, for the reason that "down" between the toes of clean-shanked varieties is now a disqualification.

On page 53, under the description of Partridge Plymouth Rocks, where it states that the shank plumage "of the male shall be black or brownish black" and that "shank and toe plumage" of the female shall be mahogany brown, etc., these descriptive words are to be omitted, for the reason that there is no shank or toe plumage in

the case of Partridge Plymouth Rocks—members of a clean-shanked breed.

On page 135 the omission of a description of color of eye of the Brown Leghorn female is to be supplied by the insertion of these words, "Eye: Reddish bay". This error also was inherited from the 1905 Standard—in fact, by some fatality Brown Leghorn females have not had any Standard color of eye for twenty to twenty-five years—since the 1888 edition of the Standard of Perfection was published.

On page 238 an omission is to be supplied in the color of back of the Dark Cornish female by adding words to this effect: "Each feather having two pencilings of lustrous black, the pencilings following the contour of the web of the feather". That may not be the exact new wording, but it is near enough for all practical purposes.

On page 278, in the "note" under the heading "Bronze Turkeys", the words "White or grey bars showing on main tail feathers beyond coverts", should read something like this: "White or grey bars showing at base of main tail feathers". This error also is to be corrected.

On page 311 the present description of the color of head of an Indian Runner drake provides that the fawn shall be "darker than in other parts of the body". This section should provide that this fawn shall be of the same shade in every section. Perhaps the Committee on Editing and Publication may not correct this mistake, because it was an error of the revision committee. The members may decide that their authority does not extend that far, but undoubtedly they will not take this position in the case of the tail of the Indian Runner drake. In the 1910 Standard, first edition, page 311, we are told that the color of the tail of the Indian Runner drake should be "bronze green", whereas it should read "fawn"—something quite different.

It will be recalled that a motion was adopted at the Denver convention of A. P. A. last August, which provided that persons who have bought copies of the first edition of the 1910 Standard, can return them postpaid to Sec-

retary S. T. Campbell, Mansfield, Ohio, accompanied by sixty cents, and for this nominal sum of money can obtain a copy of the second edition of the 1910 Standard—the one that is to be corrected as to errors of text, as here explained in part, and that is to have much better ideal illustrations, including corrected pictures of such popular and important breeds as the Plymouth Rocks, Wyandottes, Cochins, Leghorns, Minorcas, Dorkings, Orpingtons, Hamburgs, Houdans and Bronze Turkeys.

A pamphlet also is to be published by the association that will contain full-sized prints of the new sketches, such as the Barred Rock female, White Rock male, Buff Orpington male and female, etc., also the corrections of errors in the text or reading matter, and these pamphlets can be obtained by any purchaser of a copy of the first edition of the 1910 Standard by sending ten cents to Secretary Campbell. This is a merely nominal sum and persons who feel that they do not wish to send sixty cents for a copy of the second edition of the 1910 Standard, should avail themselves of this opportunity, especially so if they are interested in any of the breeds or varieties that are affected by the changes in the first edition illustrations or reading matter.

A. P. W. would respectfully urge its readers—all who own a copy of the first edition of the 1910 Standard—to send sixty cents to Secretary Campbell for a copy of the second edition. The sixty cents will barely cover the cost of the new book, including postage. Many will claim—as they already have done—that the American Poultry Association ought to replace free of charge every copy of the first edition of the 1910 Standard that was sold by it under copyright, but this would hardly be practical—it is more than the finances of the association will stand, and it is to be hoped that very few up-to-date and progressive poultrymen and women will take this position.

Really, the sensible and practical thing to do is to return to Secretary Campbell your present comparatively worthless book, send him sixty cents

THE GREATEST RECORDS

At America's Leading Shows for 20 years have made by

BRIGHT'S BROWN LEGHORNS

At Madison Square Garden, New York

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.

Dependable breeders a special specialty.

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

and thus obtain a copy of the new edition and proceed to make good use of it. Sixty cents represents the price of but one good egg laid by a high-class Standard-bred fowl—and aside from the principle involved, it is clear that the cost of one good egg is not worth quibbling about.

This second edition of the 1910 Standard is certain to be well worth every cent you are to pay for it, even if you are one of the loyal thousands who are to be called on to pay two dollars and eighteen cents for your copy, in place of one dollar and fifty cents.

BUSINESS-LIKE REPORT OF ANNUAL MEETING OF THE PENNSYLVANIA STATE BRANCH OF A. P. A.

During the first year or two, under the new constitution of A. P. A., the poultrymen of Pennsylvania seemed to take a rather indifferent interest. When the Pennsylvania Branch was organized, two or three adjoining states were included—as though this were necessary in order to have a branch for the Keystone state.

But lately there has been a vigorous awakening in that section of the country. Little New Jersey decided to "go it alone" and did so, with the result that there is now a New Jersey Branch with an active and flourishing membership. This branch contributed valuable help toward the establishment of a poultry experiment plant and regular poultry course at the State Agricultural College, New Brunswick.

In the early days of the Pennsylvania Branch there appeared to be some dissatisfaction with the first officers chosen—in fact there were opposing elements and more or less backing and filling. It appears that this condition has been fully corrected, judging by the following business-like report of the recent annual meeting of the branch—a report sent out by J. D. Koons, secretary.

"Pennsylvania Branch of the American Poultry Association, in session at Scranton, during the Scranton Show, held in Y. M. C. A. Hall, passed the following resolutions and motions:

"No. 1.—Be it Resolved, That the Pennsylvania Branch endorse the Candidacy of Thomas F. McGrew, for President of the A. P. A., and the Branch shall use all efforts to bring about his election, and the Poultry Press of the State is urged to use all honorable means to have the highest honor in Poultrydom conferred upon the most noted poultryman in Pennsylvania.

"No. 2.—Resolved, That the Penn's Branch in Annual Convention convened hereby unanimously endorses Section 117 of the proposed new Show Rules, and further endorses the action of Mr. Wittman in using his influence and bringing about the passage of this section at the Denver meeting, and be it further resolved, that the Penn's Branch use all possible means in its power to have said section finally passed at this year's convention.

"No. 3.—Resolved, That the Secretary of the Pennsylvania Branch be hereby requested in Convention assembled, to offer the following amendment to the Constitution and By-Laws, sixty days before the next National Convention: that no two memberships be granted to Poultry Show Associations in one town or place; the County and State Fair Poultry Shows and Cities of 500,000 or

more population where two or more consecutive successful shows have been held, to be excepted.

"No. 4.—Be it Resolved, That the poultrymen of Pennsylvania use their earnest efforts in getting the proper appropriations from our State to conduct a Poultry Experimental Station, comparing favorably to other states, like Ohio, New York and Missouri, and that a man of each county be appointed to solicit the effort of the representatives in their respective districts.

"No. 5.—In lieu of the new Constitution adopted at the last election, the Governing Board is to regulate the matter of show dates, show practices and show endorsements in this State. By motion A. W. Close, of Scranton; Geo. H. P. Pettie, of Wissinoming, Philadelphia and F. G. Davis, of Pittsburgh, Pa., have been elected; the association is endeavoring to carry on the warfare in every state against the evil practices of poultry associations and exhibitors in biasing poultry judges in their awards.

"No. 6.—Complaint was lodged against a prominent breeder and exhibitor of Pennsylvania in his effort to bribe the judge in his decision of a certain variety at the Scranton show; the Executive Board in secret session recommended that the National body provide a severe punishment for the said exhibitor.

"No. 7.—Be it resolved that the Pennsylvania Branch heartily endorse the efforts of the New Jersey State Branch in their endeavor to get the National meeting of the American Poultry Association at Atlanta City in 1913.

"No. 8.—By motion the Secretary is instructed to have the Constitution and By-Laws printed in book form and a copy be mailed to each member with an application blank requesting that each member use his endeavor to secure at least one new member within sixty days.

"No. 9.—In view of the fact that the Pennsylvania poultrymen have taken progressive steps in the furtherance of the poultry industry, it is decided to prepare minutes of the Scranton meeting and that a copy be sent to all newspapers and poultry journals for publication.

"Dr. E. W. Garber of Mt. Joy, Pa., unanimously elected Election Commissioner for the ensuing year."

Right or wrong, A. P. W. gives W. Theo. Wittman, Allentown, Pa., much credit for the progressive work now being done, on organized lines, in Pennsylvania. Mr. Wittman is president of the state branch—and is a worker! He is also secretary of the poultry department of the Allentown fair and has made it one of the biggest annual successes of the country.

Pennsylvania has its full share of

representative poultrymen and its branch should be second to none in membership and progressive work, unless it be New York State. The Keystone State ranks second in population. This season seventy-three poul-



FIRST PRIZE AND COLOR SPECIAL COCKEREL
MADISON SQUARE GARDEN SHOW, DEC. 1911
RALPH WOODWARD, "THREE OAKS"
GRAFTON, MASS. BREEDER AND OWNER

Winner of first prize and color special at Madison Square Garden, New York, December 19 to 23, 1912. A remarkably fine bird in color markings, hackle stripings and laced tailed coverts as well as sound flights being almost ideal. This bird was also good in type and headpoints. The owner, Ralph Woodward, proprietor of "Three Oaks Farm," is to be congratulated on producing such an excellent specimen of the Columbian Wyandottes family.

try shows were held in the State of Pennsylvania. Wonder how many of these local poultry associations are members of the American Poultry Association and therefore are connected with the state branch?

EDITORIAL NOTES

New Englanders distinguished themselves at the recent Boston Show. At this big annual event forty new A. P. A. members were secured by local workers, assisted by President Hicks and Secretary Campbell. Outside of Connecticut, this is more new members than New England has added to the roll during a long time past—and if we knew the names of all who took part in making this good record we would be glad to publish them and give full credit to every New Englander who lifted an ounce of weight. Let the good work go on!

The supply of the first edition of 1910 Standards was exhausted late in

December. Probably the association will be without any Standards to sell for a period of about three months. This fact cuts off an important source of revenue for the association—a condition that easily could have been remedied if the men to whom was entrusted the work of getting out the second edition of the 1910 Standard had taken hold of matters in a proper manner at Denver last August. Two or three months time was lost—and now the association is paying for it. It is unfortunate that we should be without Standards at the height of the poultry show season, and with the mating season so close at hand.

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January 16th, 1912, occurred the death of M. M. Johnson, Clay Center, Nebraska, the well-known manufacturer of Old Trusty Incubators and Brooders. Mr. Johnson had been a sufferer from tuberculosis for a year and more. In the fall of 1910 he overdid, lost weight, caught a severe cold and the disease which proved fatal obtained a foot-hold. Mr. Johnson began as a poor man and worked up to a position of wealth and influence in his home state and community. He was a man of kind and generous impulses—a man of the common people, earnest, hard-working, original. His death will be deeply mourned by all who knew him intimately. He was beloved by his family and business associates, was held in high regard by his employees and had the sincere respect of his fellow-townsmen. Mr. Johnson was still a young man, and it is much to be regretted that he had to leave his work and the many joys of life at a time when he was in a position to have accomplished still greater results and to have enjoyed keenly the fruits of his labor.

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The A. P. A. Committee on Parcels Post promotion, C. W. Zimmer, chairman, has held a number of meetings—one of which took place in Washington, D. C., where several members of the committee met with the U. S. Senate Committee on Parcels Post and were permitted to present facts and arguments, showing the benefit that this Old World method of transporting moderate-sized, light-weight packages will be to the poultry industry of this country. It is our understanding that President Hicks met with the committee on this occasion. It would appear that the Taft administration is in earnest as regards the adoption of

a parcels post. Let us hope so. This country has been under the domination of the express companies about long enough. Working hand in glove with the railroads they have had the general public practically at their mercy—thus doing their part to render the railroads unpopular and to bring about the present state of public mind which is demanding government regulation.

—o—

If the members of the American Poultry Association wish to continue in office a man who has worked faithfully and intelligently in behalf of the organization they should re-elect E. E. Richards to the position now held by him as a member of the executive board. As chairman of the Advisory Committee which handles complaints against members and non-members, Mr. Richards has worked conscientiously—and without fear or favor. He believes in clean methods

and a square deal. It is his belief that poultrymen should live up to their representations, should give value received, should be governed by strict business principles, giving sixteen ounces to the pound. During the year which ended with the opening date of the 36th Annual Convention of A. P. A. held in Denver last August, Mr. Richards' committee handled twenty-four cases that were worthy of serious consideration and these cases were disposed of in a manner that met with the hearty approval of all other members of the executive board.

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In this issue of A. P. W. appears a good sized list of new members recently voted into the American Poultry Association. This list does not include the forty new members secured at the Boston Show—nor does it include about twenty more who were secured by Secretary Campbell and

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



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 mashes. It is a grain saver 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 free booklet, "Feed Formulas" and an "Afton Farm" Feed Mixer every poultryman can be a successful feeder. Full worth of this machine is learned only by using.

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.

BOWN'S COLUMBIAN ROCKS

I have purchased the entire stock, business and good will in the COLUMBIAN ROCK business of S. M. CLEMO, OF WELLAND, ONT., including all of his winners, except two birds, (1st hen and 3rd cock) at the

BUFFALO INTERNATIONAL SHOW, JANUARY, 1912

where his entries make nearly a clean sweep, winning: 1-2-3 Cock, 1-4 Hen, 1-2 Cockerel, 2-4 Pullet, 1 Pen. At this same show my single entry won 1st pullet. Mr. Clemo had the reputation of breeding THE BEST COLUMBIAN ROCKS PRODUCED TO DATE, and the addition of his birds to my flock, secured direct from Geo. H. Sweet, originator of the variety, gives me the best blood lines of this variety that exist.

Every bird in my matings for this season will be a winner or directly related to one, and when you order eggs you will get them from the same Pens as I use. Careful selection of my breeding stock will limit the supply of eggs for hatching.

NOW IS THE TIME TO ORDER EGGS FROM THE BEST MATINGS OF COLUMBIAN ROCKS IN AMERICA—\$5.00 PER 13

A few choice males for sale.

Send for mating list.

LEW. H. BOWN,

EAST AURORA, N. Y.

President Hicks at the Scranton, Pa., and Pittsburgh, Pa., annual exhibitions. The next list of new members will include more than one hundred additional names. Up to January 20th upwards of two hundred more new members had been added to the Association roll than was the case up to the same date a year ago. This is a good increase—perhaps is all that should be expected. We have heard that the organizers have not done as well this year as they did last season. On the other hand, Secretary Campbell seems to have been even more successful than heretofore. Undoubtedly it pays to have a man on the job all the time—a man who is regularly in the employ of the association and paid for what he does. Next we should have a salaried president, also permanent headquarters at some central point—then with the right men in office year after year the association no doubt would increase and prosper as never before.

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C. P. Van Winkle, Dallas, Texas, Secretary of the Texas State Branch of A. P. A., is a candidate for the position of elective member of the executive board of the parent organization. Three members of the executive board are to be chosen this spring. The members whose terms expire at

the next annual meeting are: David A. Nichols, Shelton, Conn.; E. E. Richards, Cedar Rapids, Ia., and George D. Holden, Owatonna, Minn. Mr. Nichols is now treasurer of the association and therefore may not be a candidate for re-election. So far as we know, Messrs. Richards and Holden have not made a public announcement. Perhaps they will do so in time to enable members of the association to fill out their nomination ballots on definite information. Mr. Van Winkle has been in the poultry business practically all his life. During the past eight years he has acted as poultry judge, besides breeding poultry on his farm near Dallas. He has been superintendent of the poultry department of the Texas State Fair during the last five years—which in itself is a strong endorsement. Has also been secretary of the Southwestern Poultry Association for five years, an organization that holds a poultry show at Dallas in January of each year. Mr. Van Winkle has done excellent work as secretary-treasurer of the Texas Branch of A. P. A.—a branch that during 1910-1911 sent in more new members than any other branch of A. P. A.

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January 30th, Mr. and Mrs. Ernest Kellerstrass of Kansas City, Mo., left

New York City on the Steamer Cincinnati for Algiers, Africa. From this point they are to go to Egypt. The trip is to last about a year and will include visits to Holland, Germany, Switzerland, Russia and other European countries. Mr. and Mrs. Kellerstrass are to return to America by way of Japan and San Francisco. This long journey is made principally in the interest of Mr. Kellerstrass' health. He has been a hard worker for many years and about eighteen months ago his nervous system showed signs of weakening under the long strain. During the last fifteen months he has spent most of his time in a sanitarium at Battle Creek, Mich. It is a case of getting away from hard work, from mental stress. His physician prescribed a complete change and insisted on Mr. Kellerstrass making this trip. The many friends and admirers of Mr. Kellerstrass will wish him a pleasant voyage and safe return. Meanwhile, the large business of the Kellerstrass Poultry Farm is to go on without interruption. For nearly two years Mr. Kellerstrass' daughter and son have been handling the business, and last summer they bought their father's interest, subject to his buying it back, in large part, should he desire to do so on his arrival home from this round-the-world trip.



"BROTHERS" 1ST. AND 3RD. COCKERELS, MADISON SQUARE, N.Y., 1911.
BRED AND OWNED BY MONMOUTH POULTRY FARMS, FRENEAU, N. J.

A GREAT PAIR OF BUFF LEGHORNS.

J. Courtney Punderford, Proprietor of Monmouth Poultry Farms has made a specialty of breeding Buff Leghorns for many years, and has produced some remarkably fine specimens in the past, but in producing the two cockerels, so beautifully illustrated by Artist Schilling in the above picture, Mr. Punderford has surpassed all previous productions. We had the pleasure of inspecting these two stars at the Madison Square Garden, and what impressed us most was the complete harmony of the color sections, the surface color being one even shade of rich, golden buff, the under color buff, the tail and flight feathers sound in color from tip to root. In addition to this the characteristic Leghorn type of the first prize cockerel was a striking feature and the third prize cockerel was but little inferior to his illustrious brother in this respect—J. H. Drevensedt.

LYMAN H. HILL

The Wolverine strain of White Plymouth Rocks has helped put Michigan on the map. No breeder in Michigan is better known than Lyman H. Hill, who for years has been a successful breeder and exhibitor. Mr. Hill is pleasantly situated, having a poultry farm out from Jackson completely equipped with excellent buildings and stocked with hundreds of birds, young and old. In the city of Jackson is his home and close to his residence is a conditioning house and room for a few choice pens. This building is one of the most modern it has been our pleasure to see.

The blood lines since the Wolverine strain has been established have been closely confined always paying particular attention to a vigorous ancestry, thus they reproduce themselves, and as Mr. Hill's birds have a long list of winnings received at such shows as Madison Square, Jamestown Exposition, Chicago and Indianapolis it proves conclusively that his birds are bred right.

Mr. Hill is booking orders for eggs and has fitted up his plant to take care of a growing baby chick trade. He still has some exhibition and breeding stock to spare and his 72 page book on mating, feeding, rearing and conditioning describes in detail this progressive White Plymouth Rock plant, and will be sent for ten cents by addressing Mr. Hill at Station 2, Jackson, Mich.

Mr. Hill's little son is a breeder of imported Buff, White and Black Cochin Bantams and ships these little fellows all over the country.

FISHEL WHITE ROCKS

This month's frontispiece showing ten of U. R. Fishel's "Best in the World" strain White Plymouth Rock males, will doubtless be of interest to AMERICAN POULTRY WORLD readers, particularly those who are breeding this variety. The photographs of the birds illustrated were taken last spring during one of Mr. Schilling's visits to "Fishelton". On his return Mr. Schilling frankly expressed surprise over the large number of strictly high-class birds and the model condition for breeding poultry that he found on his visit. Said Mr. Schilling: "I truly believe that Mr. Fishel has what he claims, the largest flock of high-

class White Plymouth Rocks in the world. I went through breeding pen after breeding pen and found males and females that combined the very best in shape, size and color, and they were as vigorous and healthy as any flock I have ever seen. After I had been over the farm I rather wondered how Mr. Fishel was going to decide what birds he wanted me to illustrate, so I asked him and he replied by taking me to the cockerel house where the surplus males are kept, and where another surprise was in store for me, for I had naturally supposed after seeing so many high-class males in Mr. Fishel's breeding yards that his supply would be about exhausted. But, in the cockerel house I found a large number of males that were quite as good as the birds I had seen in his breeding yards, and the photos I made with one or two exceptions were of the males found in this house".

Mr. Fishel may not be the oldest breeder of White Plymouth Rocks in America, but he has spent over twenty years in perfecting his strain and building up a business that is a credit to the poultry industry. Credit for the longer bodied, more handsome and business-like Plymouth Rock type of today is largely due, in our opinion, to Mr. Fishel. A dozen or more years ago when Mr. Fishel began exhibiting the present day fashion and showing illustrations of his stock in his advertis-



BLACK ORPINGTON BLUE RIBBON POULTRY FARM SPECIALTY BREEDERS, COLUMBUS, IND.

A Black Orpington Hen, bred and owned by Blue Ribbon Poultry Yards, Columbus, Ind., specialty breeders of Black Orpingtons. The above yards have made a very enviable show record with their blacks during the past season, a record that speaks well for the quality of their stock.

ing matter, he was opposed by Plymouth Rock experts who claimed birds of Mr. Fishel's type belonged to the Java family. Mr. Fishel continued in his efforts and has had the satisfaction of seeing his ideas prevail, and as a result

Success Will Be Yours



WINNERS OF SPECIAL FOR BEST COCKEREL AND FOUR PULLETS, BOSTON, 1910.

BEST COCKEREL AND FOUR PULLETS, BOSTON, 1910.

Send for my free list of matings and place your order as early as possible. I have been shipping strongly fertile eggs since December 1st.

1200 Cocks, Hens, Cockerels and Pullets for sale. Never since I began breeding White Wyandottes have I been in such good shape to take care of orders for stock. In my conditioning house I have 150 birds in separate coops and can ship on short notice. Let me mate you up a pen of "Regals", you will not be sorry.

FREE—Send 10c. in coin or stamps for copy of the Regal White Wyandotte Book.

John S. Martin, Box W, Port Dover, Ontario, Canada

Are you hesitating where to place your order for *White Wyandotte Eggs?*

To be successful you should choose a strain that is first and foremost noted for vigor, you should choose a strain noted for early maturity and heavy egg production, lastly you should choose a strain, if possible, with a good show record. No strain fills these requirements more closely than the

REGAL STRAIN

and this is conceded by those who know.

Last season the demand for Regal Eggs was so great I had to turn down many orders.

I have been shipping strongly fertile eggs

of his efforts the Plymouth Rock of today is materially improved in both appearance and practical value over the short bodied and high tailed birds of the eighties and nineties.

\$1,000.00 IN CASH PRIZES

Big-Sheet Circular Which Tells How Readers of The Poultry Press of America Can Join in Cyphers Incubator Company's Annual \$1,000.00 Poultry Growers' Prize Contest

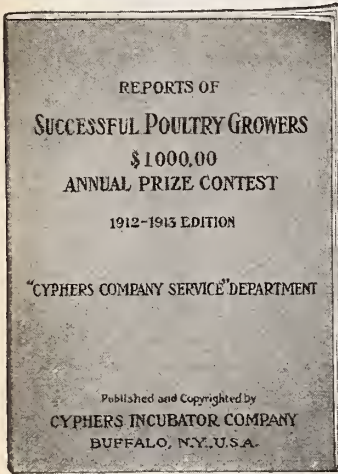
Great interest has developed in the \$1,000.00 annual Poultry Growers' Prize Contest now being conducted by the "Service Department" of Cyphers Incubator Company, Buffalo, N. Y., and this company has just issued a Big-Sheet circular, 24x18 inches in size, which it will be pleased to mail free, postage paid, to any reader of this paper upon request by letter or postal card.

In this 1912 contest there are to be eighty-three cash prizes, as follows:

First prize.....	\$ 200 00	\$ 200 00
Second prize.....	100 00	100 00
Third prize.....	50 00	50 00
Ten prizes, each....	20 00	200 00
Twenty prizes, each.	10 00	200 00
Fifty prizes, each...	5 00	250 00

Grand total..... **\$1,000 00**

Competition for these prizes is open to all comers, whether or not you use any of the Cyphers Company goods. Every report that is used will be paid for, even if it does not win a prize.



The Contents of This Book Are to Cost More Than \$1,000.00

These eighty-three prize winning reports, also other reports sent in that contain valuable information, are to be published in pamphlet form, 7½x10 inches in size, and a copy of this book is to be mailed free, postpaid, to every person who sends in a report, also to every Cyphers Incubator Company customer during 1912 and 1913, as part of the "Cyphers Company Service". See illustration herewith of the prize booklet entitled "Reports of Successful Poultry Growers' \$1,000.00 Annual Prize Contest".

The free circular above mentioned tells all about this \$1,000.00 prize contest and gives two sample reports, one sent in by Mrs. Ida Shadday, Bee Branch, Ark., the other by Harrison Waterman, Middlehope, N. Y. This circular explains just what the reports should include. What is wanted is the story of your personal success, on a small or large scale—success achieved by taking advantage of local, home conditions. Send today for the Big-Sheet Circular, free for the asking, and kindly mention this paper. Address CYPHERS INCUBATOR COMPANY, BUFFALO, N. Y., or any one of its branch stores, New York City, N. Y., Boston, Mass., Chicago, Ill., Kansas City, Mo., and Oakland, Calif.



Grand silver cup value \$100.00 won by Ideal Poultry Farm, College Hill, Cincinnati, Ohio, at Hamilton Silver Cup Show. Won on Black Orpingtons for best display of black birds all varieties competing.

THE NEW CORNING EGG BOOK

Many of our readers have heard of the wonderful success of Mr. Corning and his system of poultry keeping on his farm in New Jersey. The secrets of this success are disclosed in the New Corning Egg Book, written by Corning himself. Full particulars in regard to this book may be had by referring

to the full page advertisement in this issue. In last month's A. P. W. our Mr. Tracey told of his visit to the Corning plant and through a typographical error he is made to state that the hatching capacity of the plant is 10,000 eggs. This should have been 15,000. Readers should refer to page 254 of the January issue and read Mr. Tracey's comments of this farm and the Corning System.

SUNNY SIDE FARM S. C. WHITE LEGHORNS

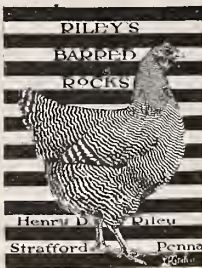
Possess the type, color and fine points that have won for them the creamy prizes in many of our leading shows. Hen hatched and reared, grown on free range, they possess the vigor and vitality that makes them wonderful egg producers.

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.**

Riley's Barred Plymouth Rocks
WIN AT CLEVELAND, JANUARY 23-27, 1912



The Riley Trade Mark of Barred Rock Perfection.

A win worth while. A victory convincing. First Cock, first, second Hen, first, third Cockerel, first pullet and first Pen.

My birds once again prove their ability to land the highest honors and this at one of the largest Western shows. My show season is now over and I shall go home and mate up my pens from the greatest collection of winners that any breeder has ever had to choose from. My victories the past season have been the talk of the Barred Rock world from the Atlantic to the Pacific and only go to further prove the ability of the Riley Strain to win any show.

Don't fail to send for my illustrated mating list ready about February 15th and book your order for eggs early, and avoid disappointment. See my other advertisement on page 363.

Henry D. Riley, Box C, Strafford, Chester Co., Pa.

R. J. HOAGLAND, STAMFORD, N. Y.

We take great pleasure introducing R. J. Hoagland to the readers of AMERICAN POULTRY WORLD. Mr. Hoagland is one of the best known breeders in Central New York, and his specialties are Buff, Black and White Orpingtons, Columbian Plymouth Rocks and S. C. Anconas. We met Mr. Hoagland while judging the Reds at the Utica show some years ago. He took such deep interest in our work that at the conclusion of our judging I asked him if he had some Reds in the class, he said "no", but as I am going to judge Reds in the future, I watched your work as I wanted to learn all that I could concerning the fine points of the breed, and asking us to go over the winners with him, we did. Mr. Hoagland made good use of the few facts that we imparted to him, as recently we had occasion to view some Reds that he judged at the late Catskill show. In our humble opinion he did a good job. He judged the entire show and we heard nothing but praise of his work. He judges carefully, using the Standard as his guide, and having bred nearly every variety of Standard bred poultry the work of picking winners comes easy to him. Mr. Hoagland is a new member of the A. P. A. having given his application to President Hicks at Madison Square Garden. We predict a brilliant future for Mr. Hoagland, both as a breeder and as a judge, and if you are interested in any of the varieties that Mr. Hoagland breeds, we would advise that you write him before purchasing eggs for hatching or stock for breeding. Address him R. J. Hoagland, Stamford, N. Y.

MIX YOUR POULTRY FEED THOROUGHLY

In the profitable operation of a poultry business, the mixing of the feed is a factor of great importance. In fact, the whole success of feeding depends upon the mixing. That is to say, a bal-

anced ration is impossible where the ingredients of a ration are not thoroughly intermingled. To illustrate, if you were combining 50 pounds of one grain, 40 pounds of another, and 25 pounds of still another in order to secure a ration containing a certain percent of proteids, carbohydrates and fats, and they were not thoroughly blended so that the bird ate the proportion of each, as intended, it would not have a balanced ration. In other words, if the feed is not thoroughly



blended, there is little need of using mixed feeds at all, for the chickens would eat practically all of one or another of the ingredients.

The full value of mixed feeds have not been realized by poultrymen, perhaps, as fully as by feeders of other live stock. The probable causes are two: First, the results from mixing have not been what they should have been, because the mixing was not done thoroughly; second, because the labor required was too great.

Every feeder of poultry must study closely his problems of feeding, and bear in mind this fact—a balanced

ration is nothing more or less than one containing the exact amount of each ingredient needed by the fowl to bring about certain results. Then remember this further fact—the full benefit of any ration cannot be realized without its thorough mixing.

We are therefore glad that you can now find in our advertising columns a mixer with all the merits such an implement could have. It mixes either dry grains or wet mash. The illustration shows the general construction. It is made of metal throughout and will last indefinitely. That it is practical in every sense is proved by the fact that it was tested out on Afton Farm, from which it is named. It is not offered to the public in a state of evolution, but as an implement with all doubtful features long since eliminated. The Afton Farm Food Mixer is made in many sizes, and, beside being a feed mixer, it is adaptable to mixing lime powder from your own formula.

It is gratifying to know that the merits of this feed mixer have created a demand for it. Those who use it are enthusiastic in their praise of it. On request Yardley Mfg. Co., Box D 53, Yardley, Pa., will send complete information regarding its feed mixer.

ATTENTION, ROSE COMB WHITE ORPINGTON BREEDERS!

A new club is being formed to properly advance the interests of the Rose Comb White Orpingtons. This breed is always being boosted in England and is sure of being the next big success among the WHITE fowls. A number of leading breeders of Rose Comb Whites in America have decided to start a specialty club and to get out an attractive catalog at once. Those who are interested in Rose Combs are urged to join the club at once. Send \$1.00 membership fee to the temporary secretary, Milton W. Brown, R. 8, Sta. L., Cincinnati, 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.

The Boston Show demonstrated most conclusively that the "cradle of the American poultry fancy is New England"; it did more, for it also proved that the child has grown into vigorous manhood, inheriting the love of the pioneers for blooded stock and perpetuating it. At no other poultry show in America is this inborn love for thoroughbred live stock and Standard-bred poultry more in evidence than in the land of the Pilgrims and among their descendants.

The commercialism of the present age, which affects the New Englander fully as much as it does the Westerner and all others can never obliterate his inherited desire to possess pure blooded stock. A glance at the diversified list of entries at the Boston Show will corroborate the above statement.

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Henry V. Crawford, manager of the New York Show, spent several days at Boston, looking over the exhibits and shaking hands with his friends in New England, and they are many and true. Mr. Crawford in his brief address at the banquet on Tuesday night of the Boston Show paid a most graceful compliment to the latter and its management. It was one of those speeches that impresses the hearers as being the thoughts of a sincere and earnest man, one who can appreciate the efforts of others in conducting poultry shows on the lines that have been followed by Mr. Crawford for many years at the Madison Square Garden.

Mr. Crawford is making plans for the initial exhibition of the New York Poultry and Pigeon Association to be held in the "New York Arena" next December, prior to his departure for Scotland next June, so that all details will be completed before he sails, as he contemplates spending the entire summer in the British Isles, so that on his return in September, the final work of completing the details for the greatest poultry, pigeon and pet stock show ever held in America will progress rapidly and successfully.

Few poultry breeders realize what an enormous undertaking this next New York Show really is. The rent for the Arena alone is six thousand dollars for the week, the expense incurred for the judges will easily cover another thousand, while the penning and feeding will amount to a tidy sum. It takes a great number

of entries to cover this outlay alone to say nothing of the great sum necessary to pay the prize money awarded to exhibitors. Much will depend on the gate receipts received at this great show. The new hall is further up town, but this is an advantage in location over that of the Madison Square Garden as the heart of the amusement district in New York is located close by, so that the public should patronize the show more liberally there than at the old stand on Madison Avenue. Furthermore, the opening attraction at the New York Arena will be the Horse Show, the great society event of Gotham. This ought to give the new hall a royal send-off, and we trust when the doors of the poultry show swing open on December 24th, the poultry breeders of the United States and Canada will do their utmost to make it the most memorable exhibit ever held on the American Continent.

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George Urban, Jr., Buffalo, N. Y., was another interested visitor at the Boston Show, looking the White Rocks, Black Langshans and Campines over with considerable interest. Mr. Urban's humorous speech at the banquet, in which he related the troubles of an amateur chick fancier made a great hit. It had the quaint Mark Twain humor nicely blended with some very solid facts that caused old-time fanciers to sit up and smile. We believe Urban Farms will send a big string to Boston next year, to judge by the way Mr. Urban enjoyed the show.

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President R. V. Hicks and Secretary S. Theo. Campbell were on hand looking after A. P. A. affairs, and from what we can learn many new members were gathered in the fold, as there seems to be a revival of the interest in the American Poultry Association going on among New England poultry breeders, notwithstanding the fact that Boston was passed up as the annual meeting place last year. Secretary Campbell makes a good missionary, being diplomatic as well as aggressive.

Among the ex-presidents of the A. P. A., C. M. Bryant and D. Lincoln Orr were the shining lights, the veteran, I. K. Felch, being unable to be present at Boston, owing to an engagement to judge at Brattleboro, Vermont. There were several candidates for the presidential job on hand, however, but no boomlets were

cut loose to any alarming extent. There is an under-current of feeling, however, existing among loyal members of the A. P. A., that the next president of the old association should be a man who will administer the office for the best interests of the A. P. A. and not for the purpose of advancing his own interests at the expense of the latter.

—o—

This reminds us of the absence of another ex-president of the American Poultry Association, Hon. D. A. Nichols, who presided so ably over the Boston meeting of the latter in 1898. We regret to state that Judge Nichols is seriously ill at his home in Shelton, Conn. Mr. Crawford in his remarks at the banquet, asked that appropriate resolutions be drafted by the Secretary of the A. P. A. and sent to Mr. Nichols, as the outcome of his illness was so doubtful, that a new treasurer of the A. P. A. may have to be appointed, and as all old members of the latter know, David Alonzo Nichols was one of the squarest and ablest men that ever held office in the American Poultry Association.

We have known "Dave" Nichols, as his friends call him, for a quarter of a century and never knew him to be inspired except by the highest motives when elected to office. As Senator of the State of Connecticut and as Judge of Probate in his district, as well as president and treasurer of the A. P. A. or as a judge of poultry his integrity has never been questioned. That he may be spared to the poultry fraternity of this country for many years to come is the wish, the hope of his friends, and they are legion.

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The Light Brahma fowl, the erstwhile favorite with New England poultry fanciers, which has dropped from its proud position at the top of useful and profitable breeds to a comparatively low position among the popular varieties of poultry of today, is destined to come back good and strong in the future, as some of the veterans are again taking up the grand old breed and will push it to the front. We did enjoy a real good old-fashioned talk with Harrison Bumford and Herbert Rollins, and the remarks made by these expert breeders that type or shape in a breed must prevail or the breed will go to the wall, was most timely. The craze for extreme color markings in

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 to 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.

all breeds, albeit these produced wonderful improvement in giving to the poultry world exquisite stripings of hackles, lacings of tail coverts and solid black flights with the narrow white edging, has unfortunately been produced at the expense of shape, size and stamina. The Brahma type was greatly modified and the egg producing qualities of the once peerless Brahma hen was effected to such an extent that practical poultry raisers who for many years looked upon the Light Brahma as the best of all breeds for the production of eggs and roasters, were compelled to discard it and take up a more profitable American variety. No breed will endure that loses its individuality in type and productiveness.

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Today the White Leghorn is the most popular fowl in America for the production of white shelled eggs for market. It is also one of the most popular exhibition fowls. But how long will the popularity of the White Leghorn last, after its utilitarian qualities have been bred out for the sake of show points? The answer should be obvious to all who really study this important question of breed utility. There are other claimants for the white shelled egg honors knocking at the door of trade for recognition and they will find an entrance sooner or later. The story of the downfall of the Brahma should prove a lesson to Wyandotte, Plymouth Rock, Rhode Island Red, and Leghorn breeders in the future. Fine feathers are all right—we admire them—but “handsome is that handsome does” and the breed that lays is the breed that pays.

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This brings to mind what we may call the “lay of a pullet”, a member of a new variety of Leghorns bred by our old friend, George F. Howell, who is a farmer in Orange County, New York, but who has bred Wyandottes and Leghorns for eggs during the past twenty years. Mr. Howell took a fancy to Red Pyle Leghorns some years ago and has succeeded in building up a flock of birds that look good in the exhibition pen and at the same time fill the market requirements as to layers. In a letter dated January 12th Mr. Howell writes:

“The egg record for one year made by a single comb Red Pyle Leghorn pullet, which I sold to Irwin D. Dietrich of Pennsylvania, in the fall of 1910,

commencing January 1, 1911, and ending December 31, 1911, is as follows:— January 23, February 20, March 23, April 26, May 28, June 27, July 28, August 26, September 23, October 2, November 6, December 6, a total of 232 eggs. I feel I may be pardoned for showing a little enthusiasm over the feat”.

The above simply goes to show that the Leghorn egg laying trait can be utilized to great advantage by practical poultry raisers, if they will keep it in mind when selecting their breeders. Good layers in chickens, like good milkers in cows, are the result of the careful selection of the dams and sires of the flock and herd, regardless of any fancy color markings or other faddish requirements.

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White Faverolles created a mild sensation at the Crystal Palace Show, England, last November, and created a most favorable impression at the Madison Square Garden Show, New York, December, 1911, that many inquiries have been received regarding this new French variety. As we cannot supply the desired information regarding the origin and present status of White Faverolles from any personal experience with the latter,

we reprint from “The Feathered World, England, of December 29, 1911, the following description written by William Foote:

“The Editor has asked me to give a few notes on the White Faverolles.

“In the year 1907 it struck me that if Salmon Faverolles were of a more taking color they would be one of the best of our all-around breeds, both for exhibition and utility purposes. I thought then, that if I could breed White Faverolles with all the characteristics of the salmon variety they would take on and become popular.

“In this I was right, for today nothing sells better; all seem to want this new breed. Some of the whites shown this season were, in the first place, as large, or possibly larger than most salmon, quite equal in body, shape and legs, with true Faverolles character. The purity of color in some of the birds shown would put to shame many of the best White Orpingtons. This last year or two many of the salmon breeders have taken up the white variety.

“Unlike some other breeds, there is no glut of good birds on the market. Many choice specimens have been sold at \$50 to \$100 each in England, and at same figures may have gone abroad. At Madison Square Garden many of the best living will be entered for competition.

“Nearly all of these have been imported direct from England. The breed has already taken on in America and the demand for good birds is brisk. Eggs have sold in extraordinary num-

1882 JODREY'S SILVER WYANDOTTES 1912

At Boston's great show, the best from north, south and west competing, we won the Steinmesch \$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.

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.

HILLCREST POULTRY YARDS, J. C. Dinsmore & Co., Props.,

Box N,

KRAMER, IND.

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 Campines—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.



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.

bers, which speaks well for the future of the breed.

"In a new variety one does not expect perfection in all the progeny of a pen. Still I am safe to predict that in 1912 many strains will produce 90 per cent. of true birds.

"Some few have come with four toes, some minus the feathered legs, the proper beard and muffing, etc. These defects are being speedily bred out. Some of the best winning birds bred last season were from a salmon cock and white hens; but in 1912 most of the best will be bred from white birds on both sides.

"The Faverolles Club has taken up this color in earnest and five classes were provided at the late club show. These filled fairly well, and many good birds had to take a back seat in the awards.

"Breeders should remember when mating, and judges when judging, that all white varieties must be white, not yellow. A tanned or yellow bird cannot be by any stretch of the imagination called a white. It may be a Faverolles, but in this variety we want a white Faverolles, as the breed's name implies.

"When mating both parents should be as white as possible. A sun or weather tanned bird will breed all right, provided it be bred from white parents, but birds with that objectionable yellow cast in the plumage should not be used for breeding.

"In the female one requires a long, deep body, as large as possible, short legs, well feathered on shanks, five toes and a good full beard and muffs.

"The cock also, for my own preference, should have a long, deep body; tail carried rather low, legs, feet, beard and muffing as in the hen. Plumage both of a good white color.

"This is a variety that commends itself to the novice breeder or exhibitor, also to the purely utility breeder. There is no glut as I said before, and professional and novice toe the mark together.

"I think the time is not far distant when the White Faverolles will just attain, or surpass, the popularity of the White Orpington".

Whether the White Faverolles will ever attain the popularity of the White Orpington is problematical, if not doubtful, but we believe they will become popular with many poultry breeders who admire the fine utilitarian qualities White Faverolles seemingly possess.

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In looking over the White Leghorns at the Boston Show, we were agreeably surprised to find a gentleman intently studying the type of the winners, who proved to be W. F. Whiting of Holyoke, Mass. It has been several years since we met Mr. Whiting, and it has been a much longer period since the latter retired from the White Leghorn fancy. To learn that Mr. Whiting will again take up the breeding of White Leghorns will prove good news to all lovers of this popular fowl, for it was largely due to Mr. Whiting's efforts many years ago that the White Leghorn became one of the most talked of fowls in the East. His sensational winnings at the Madison Square

Garden and other large shows are still fresh in the memory of many of the old line breeders of Leghorns. The time and study Mr. Whiting devoted to the perfection of his strain of White Leghorns will never be known to the present generation of breeders for it was simply a labor of love with him. He was one of the highest type of American poultry fanciers this country has ever produced, a man who never was satisfied unless he could produce something better each year and one who never lost sight of the useful qualities of the White Leghorn. He did his share in building up the White Leghorn industry of this country and will no doubt contribute his share in maintaining it in the future.

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Type and color markings in Silver Laced Wyandottes have been opposing forces for many years, and promise to be so in the years to come, unless breeders and judges of Silver Wyandottes reach an agreement which will make typical shape fully as important as color markings. Some breeders

and a few judges are striving to do this, in fact, have always done it, but the finely laced Silver Wyandottes produced in England and Canada in the past decade have hypnotized many of our breeders and judges. If a Silver Wyandotte male or female is furnished with a beautiful coat of feathers, which show large oval white centers and narrow black lacing on the laced sections, the chances are that such birds will win regardless of their shape. Exquisite as many of

Crystal White Orpingtons - Exclusive Kellerstrass Strain Direct

Won at Grand Rapids, Mich., 1912—1st cockerel, 2nd pullet, 2nd pen. At Grand Ledge, Mich.,—1st cock, 1st cockerel, 1st hen, 1st pullet, 1st pen. At Lansing, Mich.,—2nd cockerel. Some cockerels and pullets for sale. Our 1912 Mating List now ready. Yours for the asking, it's worth reading.
D. D. SHANE, GRAND LEDGE, MICH.

300 Selected Breeders and Exhibition Specimens for Sale 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.

Cretaceous White Wyandottes

Now is the time to place your order for stock and eggs for the coming season. I have 200 head, farm raised, young and old stock at reasonable prices, quality considered. Males \$3.00, \$5.00, \$8.00, \$10.00, \$15.00 and \$25.00. Females \$3.00, \$5.00, \$8.00 and \$10.00. Eggs in season \$1.00, \$3.00 and \$5.00 per setting. Orders booked now. White Indian Runner Drakes \$3.00 each, Duck Eggs in season at \$4.00 per 12. Fishel strain. Satisfaction guaranteed.

W. R. SHEPARD,

L. B. 643,

WELLINGTON, OHIO

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.

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.

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.

these foreign bred Silver Wyandottes may be in color, their absolute lack of Wyandotte type makes it almost impossible to class them with the Wyandotte family.

We admit that no harder problem ever confronted breeders of any Standard variety of poultry than the one that confronts Silver Wyandotte fanciers. The latter in order to produce the modern type of Silver Wyandottes under the present Standard of Perfection, are up against it, good and hard, as the description of the color markings of the male hardly "nick in" with the description of that of the female. If Silver Wyandotte breeders will study the color markings of the Silver Laced Polish male and female as well as that of the Silver Sebright Bantam male and female, they will realize the herculean task they have on their hands to produce the so-called "open or Sebright type of lacing" in Silver Wyandotte females and at the same time attempt to breed a Silver Wyandotte male that has a Brahmahackle and saddle, but sports a double laced wing-bar and whose breast is covered with feathers that should look well on a Polish and in some instances on a Sebright.

In Sebrights the males and females have the same kind of laced feathers in all sections, as the cock is hen feathered, but in the Polish the male shows his sex and color markings in bolder relief, and we believe a modification of this Polish male color will give Silver Wyandotte breeders a clue to the proper color description of the Silver males of the future. This means the elimination of the Brahma type of hackle and saddle stripings as well as the solid black tails and tail coverts.

We were led to make the above suggestion after studying the awards on Silver Wyandottes at the Boston show, and in submitting them to readers of AMERICAN POULTRY WORLD who are interested in the welfare of the Silver Wyandotte, we do so with the sincere hope that they will avail themselves of the opportunity to discuss pro and con these suggestions of ours in the columns of future issues of A. P. W.

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While on the subject of color markings of Wyandottes, we also wish to call attention to the Columbian Wyandottes, as in the craze to produce black flights, intensely striped hackles and finely laced tail coverts, females have been exhibited at our shows that are absolutely foul in color of the backs, the white web of the feathers being ticked and splashed with black. Such specimens should

have no place in the show room, no matter how good the flights, tail and hackle may be. The surface of Columbian Wyandotte females, back should be white, free from grey or black ticking. Let the excess of black pigment remain in the under-color where it properly belongs.

EASTON, PA., SHOW

Hundreds of visitors were in attendance at the City Guard Armory during the poultry show held during the week of January 8th, under the auspices of the Easton Poultry Association.

It was generally admitted that this show was the most complete and held the greatest variety of poultry

that have ever been exhibited in this vicinity. In management it compared very favorably with many of the larger shows.

The White and Silver Laced Wyandottes lead in numbers, a large entry of the latter being brought out by the Silver Wyandotte Club of Pennsylvania, holding its annual meeting at Easton.

Much of this season's success may be credited to Secretary Godly and Advertising Manager Edleman. The Superintendent, H. H. Hallett, was always on the job and looked after details in a manner that left no occasion for complaint. The Association has already selected the dates for next season's exhibition and it is scheduled to take place Jan. 8-13, 1913.

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

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.

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. A few cockerels left.

GEORGE P. DEARBORN,

BLAIRSTOWN, N. J.

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.

HOAGLAND'S ORPINGTONS

BUFF, BLACK AND WHITE

have that massive low down shape and the superior color that wins. We also breed Columbian Rocks and S. C. Anconas of the quality kind. We furnish winners for leading shows. Try us. If you want eggs that will hatch and are from the Pens you select from. Send to us for a setting or two. Satisfaction Guaranteed. Address

R. J. HOAGLAND, Expert Poultry Judge,

STAMFORD, Del. Co., N. Y.

THE COLUMBUS SHOW

BY J. H. DREVENSTEDT

The third annual show of the Ohio State Poultry Association (Incorporated) was held at Columbus, Ohio, January 15 to 20. The show hall was located in the central part of the city, but was inadequate in size for the large and excellent exhibits at this well conducted show. Neither was there any sufficient daylight available, so that all birds had to be inspected under electric lights. The management of the show was efficient, the officers not only being first class poultry fanciers, but first rate fellows as well, who did all in their power to make the exhibitors and judges feel thoroughly at home.

There were between 1400 and 1600 birds in the show, the American and English classes being unusually strong in numbers and quality. W. C. Denny judged the Rhode Island Reds, Buff Orpingtons, Buff Rocks, Buff Wyandottes, and also judged the Barred and White Rocks with J. H. Drevenstedt, who handled all of the Wyandottes except the Buffs, and also passed on the White Orpingtons. Judges Stream and Galt judged all of the other varieties.

Rhode Island Reds were the largest classes and brought out many excellent specimens in color and type, among the winners, the first prize Single Comb cockerel and pen and first Rose Comb Pullet being the stars.

Barred Plymouth Rocks fairly strong classes, the quality of the winners being strictly first class, notably that in the first cock, cockerel, pullet and hen, the color being very good, while the barring was regular, narrow and well defined.

White Rocks, excepting cocks, well filled classes, the winners showing good type, size and nice color.

Buff Rocks exceptionally strong classes, the first pen, first pullet and first cockerel being fine in color and type. Partridge Rocks small but good classes.

Wyandottes excellent classes throughout, the Whites being the largest class. The first prize White Wyandotte cock was grand in size and type, very good in comb and head and pure white in plumage; first and second cockerels were shapely birds with good heads and sound color; first hen was a beauty in shape, having the solid cobby built, plenty of length of back and depth of body with nice white plumage that filled smoothly in all sections, second and third hens were also very good in type and color; first and second prize pullets were certainly a fine pair, real typical specimens with neat combs and heads, sound white plumage and good yellow legs and beaks, the first winning over the second by having better lobes, otherwise the two pullets were like two peas in a pod. Pens fairly strong, but several were not matched very evenly in the females.

Silver Wyandottes very strong classes, the first and second prize winners in cocks, hens, cockerels and pullets being very good in color markings, some being exceptionally good in

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.

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; fine-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.

SINGLE COMB WHITE LEGHORNS OF QUALITY

We breed winners, we show winners, we sell winners and furnish eggs to produce winners. Young's Strain.

FRANK U. SANDS,

BOYERTOWN, PA.

Quality Reds

Rose Combs Only

If you are thinking of making a change in your next year's breeders to improve your flock, why not try some of our cockerels. They contain some of the best blood in America. Blood will tell. I have been breeding them for ten years, winning 1st Cockerel in class of 25 (all shape and color specials), 1st Pullet in class of 46, 1st Pen in class of 12, and highest scoring pen of Reds in show, both combs competing, winning at Marion Show. If you are looking for quality at right prices. Write

L. L. NOLL,

Life Member A. P. A.,

MARION, OHIO

WHITE WYANDOTTES

50 CHOICE COCKERELS FOR SALE 50

Sired by Cock pronounced by Judge Pierce the best White Wyandotte he ever handled also by Judge Dipple the best White Wyandotte Cock in the United States to-day. If you want the best come to me. Quality Counts, you cannot afford to buy inferior stock.

M. A. JOYCE,

63-18th Ave.,

COLUMBUS, O.

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.

Light Brahmas of Quality

117 first and second prizes, besides many cups, medals and other specials, past year. Cocks scored to 94½, hens 95¾, by McClave, Sites, Stream, Lane, Coleman, Case and others. 150 yearling breeders for sale, also cockerels and pullets. Guaranteed as represented.

Claude E. Coe,

Box W,

Lexington, Ohio

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.

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 3rd hen, 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 Peus 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.

breast lacings, while the shape as a rule was quite good.

Partridge Wyandottes made up a beauty show, not a poor specimen being penned. Sheffield Farm, however, cleaned up all the blue ribbons with their famous string of winners, a remarkable feat, considering that these birds were at Boston the week



1st. PRIZE BUFF WYANDOTTE COCK
Madison Sq Garden, Dec. 1911
Bred and Owned by Stuart A. Howland, Granville, N.Y.

BUFF WYANDOTTE COCK.

Stuart A. Howland has bred and exhibited many fine Buff Wyandottes in past years and won his share of the blue ribbons at the great shows of the East and this season at the Madison Square Garden, N. Y. capped the climax by winning first prize with a Buff Wyandotte cock that was a beauty in color, as well as showing fine Wyandotte characteristics in head, neck and breast.

before and only reached Columbus on the night of the first day of the show, but Manager Hark got them into good shape for the judges by the following morning.

Buff Wyandottes fine classes, notably great being the first prize cockerel shown by Hartman Stock Farm, a beautiful bird in color, with a very neat comb and head and one of the most typical Wyandottes in shape in the show, and the best Buff Wyandotte male in this respect we have handled this season.

Golden Wyandottes small classes of good quality.

Orpingtons were strongly represented, the Whites being the largest classes, the first cock, first cockerel and first hen being exceptionally fine birds in shape, size and color. The Buffs ranked next, the quality being very good in the winners, the first prize pen being the leading feature of this class. Blacks smaller classes, but they averaged well up in quality.

Of the other breeds we cannot give any detailed comments, as we did not handle any of the classes and the artificial light was insufficient to get a good line on them in the pens.

We are indebted to Secretary John T. Heizer, vice-president Oscar Miles, Mr. Hague and other officers for many courtesies extended to us during our brief stay in Columbus, and trust

when another year rolls around these efficient poultry fanciers will hold a greater show than ever. They deserve the support of all good poultry breeders in the State of Ohio. With President Plumb of the Agricultural College at the helm and Messrs. Heizer, Hague, Miles, Shedd and other officers working in harmony, it is to be hoped radical changes will be made in the management of the poultry department of the Ohio State Fair, as the Ohio State Poultry Association is working earnestly to that end, with the hope of eventually making the fall poultry show at the State Fair equal to that of Hagerstown, Allentown or Brockton Fairs. Like at a number of the State Fairs, the poultry department has been sadly neglected and few of the leading poultry fanciers care to exhibit their fowls under conditions that should not be tolerated in the twentieth century.

ROSE COMB RHODE ISLAND REDS

I will have a few good cockerels and pullets for sale in December and January bred from my prize winners.
E. M. DUTTON, NEWFANE, N. Y.

Single Comb Rhode Island Reds

Eggs from scientific matings, one-half price balance of season. Send for free mating list.
GEO. L. BUELL, LORAIN, OHIO

FEED SOUR MILK

And Increase Your Egg Yield 25%
Government Station Results—All about it in Free Pamphlet.

Address Box 116J, Brown's Mills, N. J.



Pagel'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.

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.

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.

BABY CHICKS THAT LIVE

S. C. Rhode Island Reds

Barred Plymouth Rocks

ELDRIDGE POULTRY FARM, Inc.

Albert S. Eldridge, Mgr.,

TAUNTON, MASS.

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 & HERMANCÉ,

HUDSON, COL. CO., N. Y.



Fairview White Rocks

Won at Chicago, December, 1911, in a class of 186 birds from 19 different exhibitors: 2nd cock, 3rd pullet and 4th pen. This, with their previous winnings at Indianapolis, Louisville, Memphis and scores of smaller shows, proves their quality. Let me sell you a winner. I have scores of them at living prices. Write me your wants. Satisfaction guaranteed or money back.

GUY DAILY,

Box G,

Jeffersonville, Ind.

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.

THE ILLINOIS STATE SHOW

The 18th annual exhibition of the Illinois State Poultry Association was held in the State Arsenal, Springfield, Illinois, January 1 to 6, 1912.

While the Illinois State Poultry Show has always held its own with other large exhibitions of the Middle West, the show just held will go down in history as one of the greatest exhibitions ever held in the United States. There were 2700 entries, actual count, besides the Pigeon display.

The State Association has the advantage of having the magnificent State Arsenal for their show room, which affords them the largest and best lighted ground floor hall in the country. The hall was artistically decorated with evergreen trees and bunting. The show, as usual, was cooped with the Empire Coops, and was conceded by the exhibitors, judges and members of the poultry press to be the classiest, best arranged and prettiest show they had ever attended. Superintendent W. O. Chase and his able assistants deserve great credit for the splendid management and classification of the show.

All varieties were well represented and there was quality to burn. Any exhibitor who was fortunate enough to win a ribbon has just cause to be proud, as the competition was keen and there was a fight to the finish in every class. The Barred Rocks led in number, but the White and Buff Rocks, White Wyandottes and White and Buff Orpingtons were close seconds. The Turkey exhibit was the

largest ever held in the history of the association.

Space was set apart in the center of the great hall for the champion male and female of each class, and in addition to the regular ribbons offered, a beautiful purple ribbon was awarded to the champions. This and the dressed poultry and egg display were new features which received much attention and praise.

The judges, who placed the awards to the entire satisfaction of all the exhibitors, were: W. S. Russell, Ottumwa, Ia.; C. H. Rhodes, Topeka, Kas.; O. L. McCord, Danville, Ill.; D. E. Hale, Quincy, Ill.; J. C. Johnston, Petersburg, Ill.; J. A. Leland, Springfield, Ill.; J. J. Klein, Macon, Ill.; Chas. V. Kettler, Winamac, Ind.

On Thursday afternoon the annual election of officers was held and the following officers were elected: President, Wm. Osburn, Morris; vice-president, H. C. Wilhite, Greenfield; secretary, Theo. S. McCoy, Springfield; treasurer, Chas. L. Koehn, Springfield. Directors: Geo. A. Heyl, Washington; Dr. E. C. White, Springfield; J. F. Minge, Chicago Heights; John Henry Lynch, Edwardsville; Geo. Dyson, Rushville; Edw. Brown, Mendota.

As a token of appreciation and esteem to Secretary Theo. S. McCoy and his assistant, W. A. Parker, for their efforts in making the show a success, Judge O. L. McCord, on behalf of the exhibitors and members of the poultry press, presented Mr. McCoy with a handsome gold watch, and Mr. Parker a chain and charm.

Good feeling and harmony prevailed and all who were in attendance pledg-

ed their best efforts towards helping make the next annual exhibit the greatest of them all.

J. H. JACKSON, HUDSON, MASS.

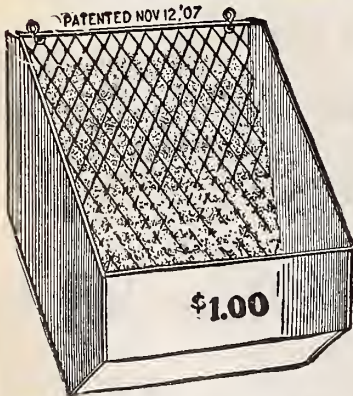
We are advised by J. H. Jackson, Hudson, Mass., who is well known to our readers as a breeder of White Wyandottes, that he has met with great success this season in furnishing prize winners for his customers, one of whom won first cockerel and pullet and \$100.00 cup, also \$50.00 cup for best male and female. Another customer at one of the largest shows in the middle west carried away two firsts and best display. We might record many other instances where Mr. Jackson has supplied winners where the competition contained birds from the foremost breeders, but the above should suffice when we state that these winnings were made at Toronto and Chicago. Mr. Jackson is now booking orders for eggs for hatching. Those who are in search of winners can make no mistake in placing their order with him.

GREAT BARGAINS IN WHITE WYANDOTTES

J. C. Fishel & Son, Box W, Hope, Indiana, are offering special inducements to readers of AMERICAN POULTRY WORLD to purchase some of their choicest breeding stock at the most reasonable prices ever offered on high-class Wyandottes of their celebrated strain. These bargains include 350 cockerels, 100 laying hens, 125 pullets, 50 choice cock birds, as well as 50 cockerels and 50 pullets, pure white and extra fine, at less than half prices in most instances, in order to clear out all stock not intended for breeding purposes in their own yards. Purchasers should order promptly direct from the advertisement of J. C. Fishel & Son in order to obtain first choice of these great bargains in White Wyandottes.

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).

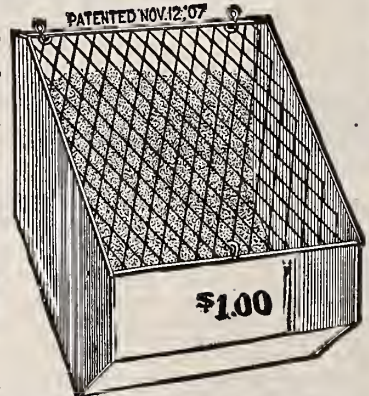
The Boston Hopper — The Rat-Proof Hopper

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 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.



This Hopper is Locked For the Night, by Hook in Lower End, Making It **ABSOLUTELY** Rat-Proof.

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2000 Selling Agents

STANDARD POULTRY TOPICS FROM OVERSEAS

By W. M. ELKINGTON, England

THE CRYSTAL PALACE SHOW

Mr. A. O. Schilling has given you a very good account of our Dairy Show, and it was unfortunate that he could not stop for the Crystal Palace Show, because whilst the Dairy is only a chicken show (that is for birds hatched in the current year) except in a few classes for Bantams, the Crystal Palace is the big turnout of the year for British fanciers. Indeed I might say for all European fanciers, for this year we had a big section devoted to Belgian exhibits, and there were a lot of bird fanciers from Germany, France, Russia and even from far away New Zealand came a pair of prize winners in the Game classes. The entries throughout the whole show—Poultry, Pigeon and Rabbits, totalled 12,451 pens, of which 6,252 pens were in the poultry section. It was the greatest and best show we ever had in England, and it was planned out and managed with that admirable precision which, as Mr. Schilling will tell you, is a feature we pride ourselves upon.

As a show place the Crystal Palace is unique. It is immense and the roof and sides are of glass, the light is just about as good as it is out of doors. There were a few American fanciers over (chiefly Pigeon men, I think,) who were loud in praise of the building, which when filled with a big show makes a fine spectacle. The poultry are staged in double tiers and even then they cover a very large area, and

it is a full day's work to walk up and down all the aisles and see all the birds. The show opened on a Tuesday and the exhibits only began to arrive on Monday evening. A big band of voluntary stewards with a little army of hired men from Spratt's were ready to receive them, and by nine o'clock on Tuesday morning everything was ready for the judge to commence. Barriers were erected to keep the public from the exhibition aisles, but as each class was judged the awards were posted outside the sales office so that the waiting crowd soon got to know how their birds had fared. By one o'clock the judges had finished, the awards were on the pens, the barriers were removed and the public were thronging the aisles. One enterprising paper, the "Bazaar, Exchange and Mart", had a full report of the show on sale in its issue for Wednesday morning, the second day of the show, with all the awards and comments and criticism on all sections. It would take up too much space to give anything like a full report of the whole show, so I must be content with mentioning some of the outstanding features. Cup for best bird in the whole show went to a fine Buff Cochin hen of great size and feather, a Golden Wyandotte cock won cup for best cock, both being old birds, therefore, absent from the Dairy. Orpingtons made a fine section with over 900 single pen entries, but Wyandottes were not far behind, though the classes were more numer-

ous. In view of my earlier criticism of the White-Laced-Black variety it is only fair to state that progress has been made in twelve months, and two pullets were shown at the Palace that are getting near to the desired type. One of these was nicely laced all over, but was spoilt by light shafts to her feathers, and the other had a well laced breast and wing, but ran too thin in lacing up the cushion. There were no cockerels on view, and I understand they want more licking into shape, but the pullets should be real nice in a year or two. A curiosity in the variety class was a pair of pullets described as Apteryx feathered Langshans, which looked like Black Langshans with silky plumage. Many people took them for a new breed, but "Poultry" reminds us that silky plumaged fowls have at various times sported from some of the Asiatic breeds, notably Langshans and Cochins, so we can only surmise that away back in the dim and distant past the Silky and the Langshans and Cochin races were closely allied. It is remarkable how traits belonging to a dead-and-gone generation will assert themselves, for cases have been known of silky plumaged Buff Orpingtons and other breeds that apparently have no connection with the Silky. Yet if we go into the matter we can trace the ancestry back through the Cochin to the common origin of the Asiatic races.

Writing of "Poultry" reminds us that the paper has recently changed

EVERY FIRST PRIZE and FOUR SPECIALS

WON AT THE GREAT BOSTON SHOW

BY PREMIER PARTRIDGE WYANDOTTES

MOST BEAUTIFUL UTILITY BREED, GREAT WINTER LAYERS, PHENOMENAL WINNERS!

Premier Partridge Wyandottes won 48 out of a possible 60 prizes at the Big Fall and Winter Shows, including Madison Square Garden, Chicago, Buffalo and Boston.

Madison Square Garden, N. Y., 1911.

1st, 2nd, 3rd Cockerel,
1st Cock,
3rd Hen,
2nd, 4th Pullets,
1st, 2nd Pens.

Boston, January 1912.

1st and shape special Cock,
1st, 3rd, 4th and color specials, Hens,
1st, 3rd Cockerels,
1st, 3rd, shape special, Pullets,
1st, 2nd and special ribbon for best Pens.

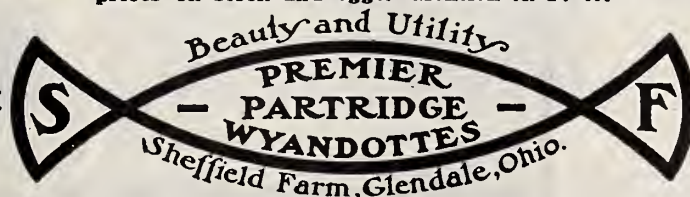
Chicago, December 1911.

1st Cock,
4th Cockerel,
4th, 5th Hens,
1st, 2nd, 5th Pullets,
1st, 3rd Pens.

Buffalo, January 1912.

5th Cock,
2nd Cockerel,
2nd Hen,
3rd, 4th, 5th Pullets,
2nd, 4th, 5th Pens,
1st for Best Display.

Send for beautifully illustrated "Partridge Wyandotte Book" (FREE) giving interesting information, prices on stock and eggs. Mention A. P. W.



hands, the new owners being O. F. Bates and C. N. Goode, two of the big sticks of the Wyandotte fancy. Mr. Bates has been right at the top in laced varieties for some years and Mr. Goode has been practically unbeatable in whites, so that as they are retiring to put their best efforts into the publishing business there will be a better chance for other breeders. "Poultry" has been enlarged and improved in many ways, and has a staff of writers second to none in the English poultry industry.

BELGIAN BANTAMS

The most interesting feature at the Crystal Palace Show was the section for Belgian Bantams, which was organized by the Club, Avico te du Barbus Nains of Brussels. They had a space allotted to them and decorated it with flowers and shrubs in the real continental style, making a much more attractive display than our plain, unadorned rows of pens. We do not go in for any ornamentation, as we consider people go to a show to see the birds, but I admit that the decorative style is very pleasing and produces quite an artistic effect. A particularly nice display was made with the exhibition pens, containing a cock and six hens.

These were accommodated in rectangular wire cages with a perch, well littered floor, and feeding and water troughs. Flowering plants and shrubs were arranged around them and between and the birds were shown to the best advantage. And truly they are pretty little things, some of the varieties being well worth the attention of English and American fanciers. I believe Mr. Schilling took back some Mille Fleurs, and a photograph has already appeared in "AMERICAN POULTRY WORLD", but there are many more that possess distinctive features and beautiful coloring. These Bactus Nains or Bearded Bantams are divided into four distinctive varieties and several color varieties. The Barbus D'Anvers (Antwerp) have rose combs and clean legs, and the most popular colors appear to be black, cuckoo, white, blues, quails and Caillouts, the latter having a crescent shaped white spangle on black feathers. The Barbus D'Uccles are single combed with heavily feathered legs and feet, and here we find the Mille Fleurs, such as Mr. Schilling took home, the white, the Caillouts and the Porcelaine Opinions may differ, but I consider the Porcelaine the pick of the crowd, and it is many a day since I saw a variety that pleased me more. The ground color is buff and each feather has a spangle of pale blue with a crescent of white at the edge. The combination is beautiful, and we should be adding to the attractiveness of our shows if we took up this breed and produced such pretty coloring. I believe the Mille Fleur and Porcelaine are also bred in the clear-legged Anvers variety, but the Uccles were decidedly the most showy. Then there is the Barbus du Grubbe and the Barbus d'Everberg which are tailless or rumpless reproductions of the other two breeds, the Grubbe being like the Anvers and the Everberg like the

Uccle. Practically the same color varieties are bred in these, but the display was not so large and representative. There were also two classes for Blue Forest Ducks originated by the Belgian Club du Canard de Forest, but these are not very striking, being large slate colored birds without many attractive features. The Bel-

gians sent their own judges and quite a nice party came over, which gave the show a real international flavor.

INTERNATIONAL VISITS

Mr. Schilling will tell you more about his visit to England than I can, but I would like to say that British fanciers were very pleased to

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 dollars for each additional setting. Address R. A. ROWAN, Title Insurance Bldg., LOS ANGELES, CAL.

HILL-CREST FARM'S S. C. BUFF LEGHORNS WINNERS!

In strongest classes ever shown at Portland, we won 3 cock, 6 hen, 5 pullet. Also 2 cockerel was from our stock. At Freeport, against same birds we won 2 cock, 1 hen, 4 cockerel and 3 cockerel, 3 pullet was from our stock. Stock and eggs in season. Satisfaction guaranteed. HILL CREST FARM, S. D. Parson, Box 86, North Gorham, Maine

Ironclad in **National Hatching Contest** OF 1911

Mrs. J. B. Stevenson, of Lockney, Texas, with a 140 Egg Ironclad Incubator was one of the three winners in the successful Great National Hatching Contest held by the Missouri Valley Farmer and Nebraska Farm Journal—a competition in which there were 2,000 contestants. Read her sworn and witnessed statement below:

2000 Contestants

Ironclad Incubator Co., Racine, Wisconsin. Gentlemen: You no doubt have heard of my success in winning a prize in the Big Hatching Contest held by Missouri Valley Farmer and Nebraska Farm Journal. Here is my sworn and witnessed record which certainly is a fine showing for your machine.

- 1st Hatch—Set 142 Eggs—Tested out 3—Hatched 137 Chicks.
- 2nd Hatch—Set 143 Eggs—Tested out 6—Hatched 133 Chicks.

I have been answering letters by the score from people asking the name of my machine. I took off five more hatches equally as good during the season demonstrating the Ironclad is a consistent successful hatcher.

Mrs. J. B. Stevenson, Lockney, Texas.

In face of such a public record as this in which 2,000 other machines contested—machines of every known make, style and price—why take any chances on the machines you buy this season. Can you get any better proof of real genuine hatching ability?

Sworn and Witnessed Proof

In selecting an incubator what you want is the machine that will hatch the most eggs—is best made—will last longest and cost you the least money. We have given you the sworn and witnessed proof of the first—the best hatching ability. We want a chance to prove the rest right in your own home alongside of any machines made on 30 days trial—money back if not satisfied—freight charges paid both ways—let you act as judge. What more can we offer? We leave it all to you.

THINK OF IT! THIS NATIONAL PRIZE WINNER

140 EGG Incubator **FREIGHT Paid Both**
Chick Brooder **East of Rockies** **Both**



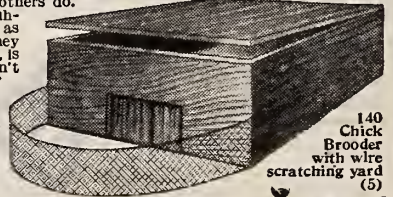
FOR ONLY \$10

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Imagine this big 140 Egg Incubator made of California Redwood, hot water type with cold rolled copper tank and boiler, triple walls, asbestos lined inside—covered with galvanized iron outside, self-regulating, nursery under egg tray, Tyco's Thermometers, O. K. Burners, Egg tester—complete set up—ready to run with a big 140 Chick Brooder, with wire scratching yard, roomy well made, both for \$10.00, freight paid. Both sold on a 5 year guarantee that insures perfect satisfaction or money back. Where can you equal this Prize Winning Outfit?

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IRONCLAD INCUBATOR CO., Box 22, Racine, Wis.

see him, and hope he will soon come back, as he promised. We would like to see more Americans on this side, for we can learn a lot from one another, and fanciers can always appreciate the best features in their neighbors. I always think that 2000 mile streak of ocean has much to do with our differences in regard to ideals, for if we could get to see one another more easily, we should hang together better. Now that Orpingtons are becoming so popular in the United States it pays some of our breeders to make a business trip to New York Show, and a few have been after the dollars this winter. But what I would like to see would be a representative display of English birds in many varieties sent across to let you see what we breed, where we excel and where we fail. In return we should want you to send us a representative display of your best and I can promise that it would attract poultry breeders from all parts of the British Isle. I commend this idea to Mr. Denny and others who are interested in the question of International Standards, because I am convinced that practical demonstration of this kind would do more to bring about a universal understanding than twenty years of writing and talking. I believe that if you would send us some of your best Barred Rocks with the true ringlet barring, they would convince English fanciers that our present ideal is not nearly so attractive. We only see your photographs and ideal drawings, which convey no idea of color, and judging by the attempts of an English artist to compare the color of American and English Rocks, people on this side suppose the barring of your birds is a poor washy blue. With our rich, dark colored birds we never see a cock with clear open barring on top like that you get on your Ringlets; many of them have a nasty bronze sheen and the very best are not distinct. Certainly we can learn from you in Rocks. On the other hand you could take a lesson from our yellow legged Black Wyandottes and Leghorns, and I think you would be favorably impressed with our Partridge Wyandottes with their bright showy coloring.

Anyway an interchange of ideas would do all the good in the world, and if the organization is at hand to bring it about, I am sure there are plenty of sportsmen in both countries who would lend their birds for such a good purpose and pay their share of the expenses. Clubs or associations might help in the matter, and I do not doubt that if it were taken up properly there would be seen competition among breeders for the honor of sending demonstration exhibits. I am not thinking so much of trade as of educational advantages, but it is practically certain that such displays would tend to better trade. I need hardly say that the Crystal Palace would be the best show for such a display in England. This is held in the third week of November and there would be plenty of time for visitors from the States to look around England (though you would see it at its

worst at that time of the year) and get back home for New York Show accompanied by a party of English visitors. I would like to be among the party when this comes to pass, and I hope it will. As I have said it would do more than anything else to bring about an understanding with regard to ideals and that is a thing worth striving for. I hope the leading American breeders will take the matter up and I will undertake to bring the matter prominently before fanciers on this side.

BLEACHING WHITE FOWLS

Our Poultry Club has appointed a committee to go into the question of bleaching white fowls, and to discover whether there is a method of making a bird white by artificial means and whether it can be detected. There has been a great deal of irresponsible talk about bleaching, especially in White Orpington circles, and unpleasant things have been said about the doings of certain breeders, which, if they were true, would justify their

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.

Wellington Rhode Island Reds - REDS

Rose and Single Comb—REDS EXCLUSIVELY

200 last year's breeders—must be sold to make room. I am selling at HALF PRICE. 500 young birds of HIGHEST QUALITY at reasonable prices. If you want WINNERS for the shows or CHOICE BREEDERS, write me at once.

Wellington Red Poultry Farm, Box W, E. W. Phillips, Wellington, O.



Brassy White Orpingtons

Why raise them when you can get the absolutely guaranteed stay white White Orpingtons. Send for Mating List now ready.

Champion White Orpington Farm, Hoboken, Pa.

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Hot Water Sectional Brooder Heaters.

"They Grow With Your Business."



Double Brooder House Installation.

Our Heaters Are Made In Twelve Sizes.

You buy the exact size necessary. When you increase your brooding capacity, you simply add a section to the heater.

Superior Chicks.

Candee Brooding Systems raise more and healthier chicks at a smaller cost.

Adjustable Hovers.

Give fractional degrees of temperature to suit the ages of chicks.

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Write today. Candee Systems made to supply every individual need and any capacity.

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EXHIBITION S. C. W. Leghorns

Winners at Chicago, Cleveland, etc., at Bucyrus, Dec. 1911, in a hot class of 79 owned by 7 exhibitors, 1-2-3-4 Cock, 1-2-3-4 Hen. 1-2-3-4 Cockerel. 1-3-4 Pullet. 1-2 Pen and all specials, \$25 silver cup for highest scoring male and 3 \$5 gold specials. Over 1000 birds in show.

BARGAINS now in FINE BREEDING and SHOW COCKERELS. Write your wants, a square deal or no sale. Show birds a specialty. Catalogue Free.

P. R. Pfouts, Bucyrus, Ohio

expulsion from the fancy, and if they are untrue they inflict a grave injustice upon the same people. If the Poultry Club discovers that bleaching is possible and can be detected, or if it finds that bleaching is not practicable, the air will be cleared and it will be all the better for the White Orpington family. Personally, I have very little faith in these rumors about bleaching, and I argue that if this kind of faking was general, we should see more white birds than we do. Bleaching would be no use at all unless it made birds snow white, and color is the chief failing at the present among White Orpingtons. I write as a judge and breeder of another white breed—White Wyandottes—which can give the Orpington points for color in spite of their yellow legs. Indeed it is one of the most remarkable facts I have come across, that in spite of the yellow pigment in the White Wyandotte we can breed birds with blue skin and snow white plumage much more easily than the Orpington people can. We never hear any talk about bleaching White Wyandottes. They don't need it even if it is possible, and the only kind of bleaching we ever indulge in is ordinary sun bleaching. The sun is better than any chemical for fetching a little sap out of the feathers, and we all know that if feathers do show a little creamy sap directly after the moult it will disappear when the feathers ripen. That is so in White Wyandottes. But the White Orpington seems to be a different proposition. It appears to lack the peculiar property that gives us snow white plumage in the Wyandotte. However, the bleaching question has yet to be decided, though in a few years time, I believe breeders will make bleaching unnecessary, even if it is possible.

NEW BANTAMS

A lot of people in this country who can not find room to breed large poultry indulge their fancy for live stock by keeping Bantams, and during the last few years attempts have been made to reduce nearly all the large birds to Bantam size. Some of these attempts have been very successful and I think you would be pleased with the Partridge and Black Wyandotte which for some reason have been the only varieties to take on with the Bantam people. A few years ago there were a few nice Blue Laced, but the Whites and Columbians so far are very poor, and I have never seen a Gold or Silver. Partridges are the best of all, having been got down below the size of Sebrights, and they have nice type as well, though the color and markings are not like what we get in the big birds, for the reason that Partridge Wyandotte Bantam breeders do not double mate, but breed both sexes from one pen. Blacks are still a bit bigger than we like, but they have good type and a few real good birds have been shown. The best cock seen so far, known all over the country as Jack Johnson, was a rare little Wyandotte, sound black to the skin and with yellow legs. He won all before him, but his day has gone and his sons are not quite as

good. Hamburg Bantams have come along as quickly as any. They were unknown a few years ago, but now we have some good little Silver Spangled, with the true Hamburg character and nice color. Buff Rocks have been on the board for some years, but have never been got down to real Bantam size, whereas Barred Rocks, though they were not started till later, are already smaller and show nice character. This may be due in some measure to the Scotch Grey, though there is nothing about the leg color of the Barred Rock Bantams to suggest any cross. A few Minorcas and Leghorns have been shown but they are not of striking quality up to the present. Brahmas have been out for some time and are real good, especially the Lights. At the present time a

WHITE ORPINGTONS

WINNERS AND LAYERS
Prices will suit you. 35 Elizabeth St., Wm. W. Hitchcock, Ossining, N. Y.

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RIDS FOWLS OF LICE - Price per Box, 25 Cents
Guaranteed Effective or Your Money Back
The manufacturers of Hillcrest Louse Exterminator will refund the cost of package to any person who follows the directions and does not get results. This guarantee is made because Hillcrest Louse Exterminator will always do the work.

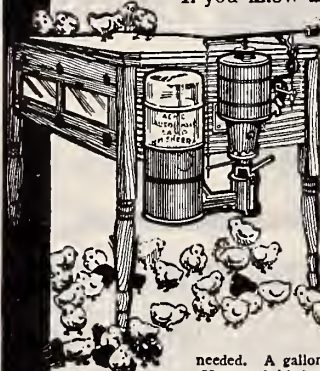
Hillcrest Bred-to-Lay White Wyandottes
won 2nd cockerel in class of 33 at recent Chicago Show. Eggs from Trap-nested record layers booked now. Write for catalog.

J. C. Dinsmore Co., Box P. Kramer, Ind.

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— H. M. SHEER

100,000 Poultrymen Say Sheer's Acme Fixtures Solve All Incubator Troubles.

THIS announcement is for experienced poultrymen who want the best and for those just starting who want to start right. With my perfected Acme Incubator Parts, I will guarantee you can build yourself the best incubator that ever hatched an egg. Any one can do it. I have helped 100,000 poultry raisers to solve the incubator problem right. Some were just starting in. They have started right. Others were old hands at the business. They now want the best. They have it and saved money with the bargain. Sheer's Acme Incubator Parts are known the world over. They are better than ever this year. If you know anything about poultry raising



You'll Appreciate My Lamp Thermostat and Combined Damper and Flame Regulator

To my splendid Perfected Acme Incubator Safety Lamp I have this year added my Crystal Glass Reservoir. Now you see the oil all the time.

This is what it means to you to have an Incubator fitted with my Acme Perfected Lamp which maintains a constant oil level. No more chance for the oil to run low in the tank, no more need for constant turning up and down of wicks to meet oil supply. No more lamps burning low on cold days and nights, just when you need more heat. No more charred wicks with smoke and soot. The oil is fed to the wick with my patented Automatic Air Feed and guarantees a uniform flame always.

A simple automatic device raises and lowers the lamp at will. No need to lift it by hand. The burner has a flame reducer operated automatically by the regulator cutting off fuel consumption when flame is not needed. A gallon of oil will go as far in this lamp as it will in any other lamp on earth. You need this lamp just as you need my Compound Thermostat.

Double Efficiency Tandem Thermostat.

My Tandem Double Compound Thermostat is as good as my lamp. My combined damper and flame regulation saves oil bills, cuts once and for all, regulation trouble, and wipes out half of ordinary operating expense. My fixtures in combination afford automatic regulation of heat, ventilation and moisture uniformly throughout the egg chamber—on less fuel. Let me tell you about these and send you now

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This big book for 1912 tells all about incubators and just how to make them yourself. It tells the story of how I have made money for the most successful men in the poultry business.

I Have Thousands of Letters Like This One



"I purchased one set of your incubator fixtures last April and built me an incubator from your plans and I don't think it can be beat. It is all O. K."

My first hatch was 83 per cent and my second hatch was a little better, but of four hatches my average was 80 per cent. I think that was fine for an inexperienced hand."
Mt. Pleasant, Ind. H. E. JONES.

Refit Your Old Incubators with My Fixtures

You need not throw away the old incubator you have been using,—just take out the old fixtures and put in my new fixtures and get all the advantages of a brand-new incubator, the best money can buy. My fixtures made to fit any incubator. Let me tell you more in my free book.

30 Days' Free Trial
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Dear Sir:—Kindly send me yours 1912 FREE Book of Plans and Instructions.

Name

Address

lot more varieties are in the making and before long I expect we shall have a vogue for Orpington Bantams. The wonder is that they have not appeared before. Curiously the Bantams that have drawn the most entries this year is that old favorite, the Japanese. A few years ago it seemed to be becoming extinct, but this year it has come up at the rate of 15 to 20 entries a class, Black-tailed Whites being in the majority, though Blacks have been about the best for quality. This is a line I can recommend to importers.

EARLY CHICKENS

In his article on the Dairy Show. Mr. Schilling referred to the fact that we grow our chickens very quickly. He said that the Dairy Show birds were nearly all big, well developed specimens, but as that show was in the first week of October, many of the birds were nine months old, by which time we expect them to be fully furnished, except some of the Cochins, which take longer to develop. You may be surprised, however, to learn that our first chicken shows are held in May. That is to say, chickens that first see the light on or after New Year's Day will be winning prizes at the shows in the second or third week in May. Personally, I consider it a mistake, as it puts a premium on dishonesty and tempts people to hatch in November and December. I well remember a winning pullet, at one of those May chicken shows, laying an egg in her pen. The fact would not have been remarked upon had she been a Leghorn or one of those naturally precocious breeds, but she was a Black Orpington. Nevertheless, we get plenty of genuine chickens at the May shows and a month later you will find them in large numbers not fully furnished, of course, but well grown and showing their quality. These early shows make breeders strive hard to get their chickens forward. Everyone tries to get a hatch on New Year's day, however bad the weather may be, and the early months are bad for chickens in England.

THE PROVIDENCE, R. I. SHOW

The Providence, R. I., Show held December 5-9, 1911, was up to the usual high quality of its predecessors. The majority of the classes were well filled and many fine birds were shown. The S. C. Reds' class brought out some great birds. E. O. Cornforth won 1st cock, 1, 2 cockerel and 2nd pen. O. R. Blackmar won 3rd hen and 2nd pullet. Rose Comb Reds

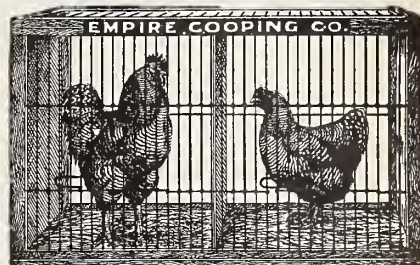
were about the hottest yet at Providence, which next to New York and Boston is generally the hottest R. C. Red show of the east. Red Feather Farm, F. W. C. Almy, Prop., Box 22, Triverton-4-Corners, R. I., made one of their unusual killings, winning 1, 2, 4 cock, 1, 2 hen, 2, 4 cockerel, 1, 3 pullet and 1 pen, shape and color specials as well as the state branch cup for the third successive year.

Mr. Almy since his purchase of I. W. Bean's entire stock, including the mighty "Sensation," is the real thing in the Rose Combs. He is also strong on Single Combs, and won 3rd pen on one entry. Chas. H. Wood of 340 Main Street, Worcester, Mass., again cleaned things up with his noted "Woodcrest" strain of Partridge Wyandottes, winning 1, 3 cock, 1 hen, 1, 2 cockerel, 3 pullet, winning shape and color specials and gold special for best display. Mr. Wood has them all going on Partridge Wyandottes, and the breed is a comer. Something will have to be done to stop this man Dexter, the S. C. Brown Leghorn king, as exhibitors say there is nothing

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.
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Winners at the Big Houdan Show, Philadelphia, 1911.
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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.

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FRONT ROYAL, VA.

Maplecroft S. C. Rhode Island Reds

Won at New York, 1911. Our Pullet "Palace Queen" won 1st and shape special, Grand Central Palace and two weeks later 1st and color special at Madison Square Garden. Stock and Eggs for sale. J. G. Dutcher, Prop. For Circular, Address

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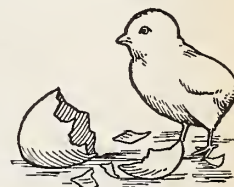
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ALL WHITE

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.



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White and Buff Leghorns**

Orpington Ducks

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.

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.

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.

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.

DUNROBIN FARM, A. B. Dalby, Owner,

Box 77.

RED BANK, NEW JERSEY

ing left for them after his birds get through eating up the blue and red ribbons. His winnings were 1 cock, 1, 3 hen, 1, 2 cockerel, 1, 2 pullet and 1 pen. "Nuff sed."

Darling & McNear, Box 15, Natick, Mass., had in a fine exhibit of Light Brahma and Buff, Black and White Orpingtons and in fine class won on Light Brahma 1 cock, 1 hen, 1, 2 cockerel and 1st pullet, 1 pen winning best display and gold special in three classes. They are good reliable breeders and good people to deal with.

Dunlap-Schwind Co., of Chatham, N. Y., made a small entry in the White Wyandotte class and won a place on a very fine pullet which was awarded special for the whitest bird in the show. Manager Schwind of this company informed us that they didn't show very much this year, owing to the early demand for baby chicks. To meet this they mated up very early and put their best birds in their breeding pens. They are booking orders for baby chicks in White Rocks, White Wyandottes and S. C. W. Leghorns.

THE TRENTON ASSOCIATION SHOW

The first annual poultry show of the Trenton Association was held at Trenton, N. J., the same week as the Garden show. For a beginning they made a great start, as over one thousand birds were entered and it took good ones to win in the important classes. The leading classes were the Rocks, Barred, White and Partridge; Silver Penciled and White Wyandottes, S. C. Black Minorcas and S. C. White Leghorns, the latter the best class, quality considered, that has been shown in New Jersey this season. Black and White Orpingtons were also very prominent, many fine birds being shown.

Oakland's Poultry Farm, Wm. Bowman, Manager, Trenton Junction, N. J., were the largest winners, winning 8 silver cups, including cup for best hen in the show. This speaks well for Oaklands, as they also made an exhibit at the Garden in S. C. White Leghorns and won a place on a very fine pen. Manager Bowman informed us that they have furnished 43 winners for shows held in six states this season, and he further states that they are in good condition to furnish elegant breeders closely related to these and his own winners, that will breed winners. Look up their add in this issue.

Their winnings were as follows: S. C. White Leghorns 1, 2, 4, 5 cock, 2, 3 cockerel, 1, 2, 4 hen, 1, 4 pullet and 1, 2 pen, winning every first but

one, also cup for best display; White Wyandottes, 2, 3, 4, 5 cock, 1st hen, she winning special for best hen in show, 1, 4, 5 cockerel, 2nd pullet, 2, 3, 4, 5 pen and cup for best display. On Silver Penciled Rocks they won 3, 4 cock, 2 hen, 2 cockerel, 2, 4 pen. They also won 1st cockerel and 1st pullet in the White Indian Game class.

Hillcrest Farm, W. F. Fotherall, Prop., Oakford, Pa., Box O, made a nice entry of Barred and Partridge Plymouth Rocks and won as follows: 1, 4 cock, 1, 3 hen, 3, 4 cockerel, 1, 4 pullet, 1, 3, 4 pen, cup for best display. Barred Rocks, 1, 2 cock, 2, 4 hen, 4, 5 cockerel and 4 pen. Mr. Fotherall has a national reputation as a breeder of Partridge Plymouth Rocks, winning for five years at Madison Square Garden, and has accomplished wonders for the now popular variety, the Rock family.

E. Rawley & Sons, Trenton, N. J., made a clean sweep with their Rose Comb Bantams and won a number of prizes in the White Rock Classes.



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At the Big Chicago Show, Dec. 14-19, 1911, I won 4th on Cocks against the best in the World. The same week at Bucyrus, Ohio show in strong competition, I won 1st cock, 1-2-3 hen, 1-2-3-4 cockerel, 1-2-3-4 pullet, 1-2 pen and 9 specials, and my birds have been winning for the past 15 years at Cleveland, Columbus, Toledo, Mansfield and other shows and have never been beaten. 50 extra choice cockerels for sale at living prices. Hens and pullets in any number. I can please you in quality and prices. Write. Eggs \$5.00 and \$10.00 per 15. Orders Booked Now.

FRED J. PHELPS,

Member A. P. A. and White Plymouth Club,

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is largely a matter of the first week or two of feeding. To get them safely over this period of danger give them a wholesome ration.

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We can furnish you eggs on short notice. These pens are headed by blue ribbon male birds and contain winning females that are great egg machines. They are mated to produce best results. We do not reserve any matings for our own use but sell eggs from any pens. In this way our customers have an equal chance in raising the best. White, Buff, Black Orpington eggs \$2.50, \$5.00, \$10.00 per setting. Rhode Island Red eggs \$2.00, \$5.00 per setting. We can furnish you with *cocks, cockerels, hens, pullets and pens*, at all times. Send for our free catalogue containing photos of our winners, views of the farm, stock and egg prices and mating list.

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THE LIGHT BRAHMA

THEIR MERITS DISCUSSED BY A BREEDER. AS EXHIBITION BIRDS THEY HAVE NO EQUAL, WHILE AS A GENERAL PURPOSE FOWL THEY MUST NOT BE OVERLOOKED. MANY POINTS WORTHY OF CONSIDERATION. ADVICE TO AMATEURS

BY CLAUDE E. COE

All varieties of Standard poultry are good and any Standard variety will pay their keeping and have a margin on the right side if properly handled. Among the breeds that have been neglected in the past few years and that are coming into favor again, the Asiatics are included and the Light Brahma is more popular today than it has been for some years. The demand is greater now than it has been since we have been breeding them and prices are better. Of course, these are times of progression and breeders are producing better birds each year, consequently should receive better prices. They should be raised by more farmers, for a good strain of Brahmas should lay 150 eggs each and when it comes to table fowl the Brahma has all other breeds beaten as they are the heaviest of all breeds.

We exhibited four hens last winter that weighed 50½ lbs. and have had cocks weigh 15 lbs. Have one hen that has never been beaten, is four years old, weighed 12½ lbs. and last year, her third year, laid 96 large eggs. This hen has won over 30 first prizes and was highest scoring hen in show four times, all varieties competing. Have a yearling that won first prize at three shows last winter as a pullet. She began laying Dec. 26, 1910, and to August 26, 1911, in 243 days, laid 186 eggs. Others have done almost as good, and then the Brahma eggs are always large. Almost any farmer could keep one hundred Brahma hens that lay an average of 130 to 150 eggs per year, which is a larger average than a flock of mongrels will do, and as a meat producing breed combined with eggs and show specimens they are excelled by none.

The Brahma will produce a large per cent. of exhibition chicks and the culls are fine for capons, and that is one great source of revenue if only more people would take advantage of it. Brahma capons grow very large, weighing as much as 16 lbs. and command the highest price of any fowl. The operation is not difficult at all, an amateur can become expert after operating on a very few. Capons are very hardy, we never saw a sick one. The demand is great and as the price is high this is one more field where the Brahma is far ahead of any other breed. There are surely no more prosperous people than the South Shore producers. Their fame is known over the entire land and their product is sought by the class of people who will have the best at any price.

All chickens are good, that is, all breeds are. I never saw a good chicken of any breed that did not appeal to me, but as a show proposition, no breed has anything on the Light Brahma and usually where there is a good display of Brahmas you will see that they claim a share of admirers

equal to other breeds. The Brahmas are surely an ideal city fowl. They are very domestic, stand confinement better than most of other breeds and produce the largest quality of superior meat.

We know a farmer who keeps about seventy-five Light Brahma hens, several hogs and a few sheep. He told us that his Brahma hens made him more clear money than both his hogs and sheep and were not near so much trouble to care for. I have asked him for a statement of receipts and expenditures of his chickens. This he has promised me and I hope to give it to POULTRY WORLD readers in hope that it may be the cause of some others reaping a large revenue from poultry who are now getting little or nothing but grief and discouragement. This man hopes to still further increase his profits by caponizing all or nearly all of his cockerels, as he produces eggs for market only and receives an extra price on account of size and quality.

To make a success of raising and showing poultry requires some patience, a liberal amount of good judg-

ment and a whole lot of stick-to-it-iveness, and what one man has done with Brahmas can be done by others and with other breeds, at least by the utility breeds such as the Americans, Orpingtons and Asiatics, and as a utility fowl we have never had any that excel the Brahma, being always strong and healthy, extra good winter layers and producers of the very finest meat.

Brahma chicks grow very rapidly and while they do not mature as early as some other varieties, they are ready for market at two months, are very hardy and grow rapidly from shell to maturity. It costs about the same per pound to produce poultry no matter what breed you employ to produce it. Again the Brahmas are favorites. There is no breed that will pay as large profits to feed during the winter months and sell in the spring. September and October hatched chicks are extra good for this, as they usually sell at very good prices this time of the year. Every Light Brahma breeder has been asked if they are good layers, etc., or if they are as good as other breeds. That can be answered either yes or no. We do not claim they will lay as many eggs in a year as the Leghorn, but we do claim they will produce as many pounds of eggs as any breed, and from November to the hot months the Brahma hen is on the job paying her way and more by doing her best when eggs are at the highest price.

We think the Brahmas are of better

Sunnybrook Farm



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 HATCAING 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, Prop.

type today than a few years ago as breeders are getting away from the Cochon type that prevailed in so many flocks. If breeders will only stay away from the low down, short back, short keel and excessive feathering and breed according to the Standard requirements, the future for Light Brahmans will be all that we could desire, but this fault is not all with the breeder, for so many judges (not all by any means) have small conception of type, and place the Cochon shaped bird above the better Brahma type.

So Light Brahma breeders, breed the best you can, condition your birds the best you know how, show them at some of the good shows and if you do not win don't knock on the judge as he probably did right, for there are many honest judges, in fact, most of them are. There is nothing that will put an exhibitor "in bad" quicker with his fellow exhibitor and the public at large than to holler his head off "when he is defeated", and a "word to the fellow" outside the ropes, don't criticise the judge's decision; you are not handling the birds while he is. His word goes; yours does not. He is paid for placing awards, you pay to see.

THE PATERSON SHOW

On our way home from the Philadelphia show we stopped at Paterson and spent several hours looking over the birds. The show looked well to us. It is run by men who are thorough fanciers. Peter Hillman is president, Clinton Terwilliger is a hustling secretary and Chas. J. Frost chairman of the executive committee is the kind of a hustler that does things. We found the general quality of the exhibits to be good. The sensational classes were White Rocks, 92 singles, 12 pens; White Wyandottes, 85 singles, 14 pens; S. C. White Leghorns, 85 singles, 15 pens; Black and White Orpingtons showed up well in numbers. Single Comb Reds were very prominent, some very fine birds were shown, especially 1st and 2nd cockerels. Judge Card declared 1st cockerel the best he had handled this season. These cockerels were owned by Geo. Dearborne of Blairstown, N. J., who breeds quality S. C. Reds. Mr. Dearborne has purchased a farm and will raise Reds on a large scale. C. Jack Frost of Paterson, N. J., is an ardent admirer of S. C. Reds and owns and breeds good ones. He entered a cock, hen and two pullets for display only and was highly complimented on their quality, one pullet being especially fine, having all that could be desired in color and shape. His hen was also a typical Red with the color of a pullet. Mr. Frost is going to breed on a larger scale the coming season and for the first time he offers stock and eggs for sale.

Conrad & Bratt had some of their Sussex fowl on exhibition and they attracted considerable attention. The show was held in the Armory and it's an ideal hall for a poultry show. It has 48,000 feet of floor space, which allows single tiering, and leaves broad aisles. The splendid light enabled the public to have a fine view of the birds. The Paterson show should with the men behind it become one of the prominent shows of the country.

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The greatest Egg producers known. We imported our foundation stock.

Eggs \$4.00 and \$5.00 per setting.

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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.,

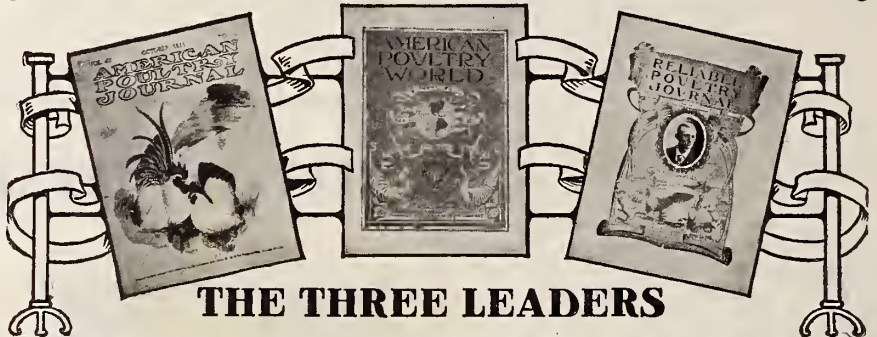
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**American Poultry Publishing Co.,
Buffalo, N. Y.**

THE UTILITY VALUES OF BUFF WYANDOTTES

THEIR STRONG POINTS AS SEEN BY A BREEDER. HOW HIS ATTENTION WAS DIRECTED TO BUFF WYANDOTTES. A COMPARISON OF LAYING QUALITIES WITH OTHER BREEDS. DAILY GROWING IN POPULARITY

BY GERALD WILLIAMS

Some dozen years ago when first the chicken fever took us through reading the poultry papers—the burning question arose “Which variety and what breed?” We had no thought then of fancy poultry—the great object then being a profit in meat and eggs from feeding the goodly store of grain raised each year. Later a visit of a poultry judge caused us to desire to learn more of the Standard of Perfection. Of course we were familiar with the good old standbys, Barred Rocks and Brown Leghorns—who is there that does not have personal knowledge of these two noble breeds? We decided at once to try Barred Rocks and Brown Leghorns and see which we liked best. Then a neighbor had White Leghorns which he advocated as an improvement on the Brown Leghorns. As we had great respect for his judgment, we decided to give the White Leghorns a trial too.

Then we had seen another kind that for attractiveness of form and color, completely filled the eye,—these were Buff Wyandottes. The owner of the Buff 'Dottes claimed for them early maturity and heavy winter laying. That sounded good to the inexperienced ear so we bought some eggs. Though it was rather late in the season we filled an incubator with the four kinds of eggs and began what should be just as fair a test of the profit producing ability of the four varieties mentioned as we could devise. It was the 18th of June that our future profit producers cracked the shell. Brooders were in readiness and the golden, the black, the creamy white and the striped backs were evenly mixed together. Favorable weather, new ground in a short thick turf, and all things necessary in the way of feed for growing chicks made those little fellows grow in a way that tickled our risibilities.

Here was a chance to work off the steam and enthusiasm that had been accumulating all the time we had been reading the poultry papers. We watched for that “early maturity” daily from the start. We thought we could see a difference at four weeks, but said nothing about it until our White Leghorn friend came to see the chicks and spoke of the fact, for fact it surely was, that the “Yellow Buff” babies were larger bodied, longer wooled and stockier legged than the black ones. So far, so good. To follow up the test as to meat profit, about September 16th we called in an expert caponizer who had handled many birds every year “way back” and when he finished, there were, instead of a yard full of cockerels, a poultry house full of capons on a new dirt floor deeply bedded with bright straw. This man said he had never handled as good a bunch as the Wyandottes and Rocks, and was much astonished to learn that in every way they were hatched and brooded alike because the Buff 'Dottes were at this time considerably heavier and better developed as to breast. We took no weights at this time.

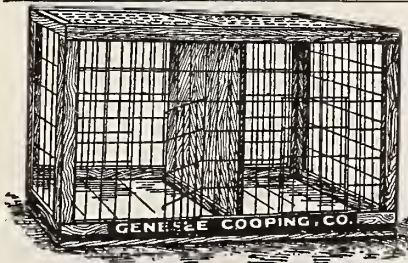
This expert caponizer shook his head some at the head riggings on the Leghorns, but while several birds fainted he pulled the whole bunch

through without a loss, which was a record for him in so large a number, and he had averaged more than a thousand head for a number of years. Time and time again while he was at work out in the bright light with his

AT PHILADELPHIA

With our Barred and White Rocks we soar right around the top. American Barred Plymouth Rock Club meet on two entries we win **First Pullet**, a fashion plate. Watch this journal for her photo. See Philadelphia Show write up. Our **White Rocks** on four entries, **second** and **fifth** cockerels, **third** and **fourth** pullets, these together with our Trenton Fair winners will be in our breeding pens which are now mated up. Our egg prices from such high class stock will surprise you. Write early—we are now booking orders.

NEAFIE BROTHERS, Drawer N, SPRING LAKE BEACH, N. J.



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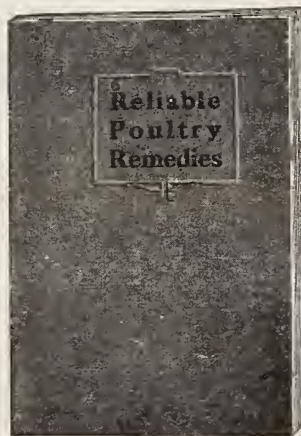
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green eyeshade, he remarked on the promising market quality of those "yellow buff birds." In about ten days when the danger period for these capons was past, they were again given the grass run with the pullets, and were as orderly and well behaved as one could wish. After running on free range two months more, these capons were shut in limited quarters for a month's fattening—and eat, when they could eat no more standing, they would sit down to it and eat some more; they at once began to take on the shine to the plumage that indicates the fat accumulating within. On December 19th the final weighing and sale of the finished article was made—the dealer coming to our door and buying live weight. This was just six months and one day from hatching. On the sales at this time was the supreme test of the production of the "meat profit." How eagerly we watched the weights! Well the Buff Wyandottes outweighed the Rock on the average a little over a pound to the head. The heaviest Buff Wyandotte weighed 10 pounds, 4 ounces, the heaviest Rock weighed 9 lbs. 7 oz.—the Buff 'Dottes averaged approximately 8½ lbs. for all. The Rocks about 7½—leaving the Buff 'Dottes the "King Bee" on this side of the house.

Those pullets were the delight of

our hearts and we had many offers to buy in each variety, but our test could not be complete until the year was up so we turned down all advances along this line and built a long laying house (partly by moonlight we were so busy) and housed the pullets comfortably at the first approach of winter. Here again the Buff Wyandottes took the lead, several pullets starting to lay two weeks before the Rocks, which were next. The Brown Leghorns starting in four days after the first Rock egg appeared and the White Leghorns came trailing along one month and three days after the Brown. The Buff 'Dottes kept the lead by a good big margin all winter up to April 1st, when the Brown Leghorns took a brace and it seemed as though there was standing room only in the Brown Leghorn nests. But they had lost too much time when eggs were worth twice as much as at this time and could never come near the profit yielded by the Champion Buff Wyandottes. This test so carefully carried out proved to our entire satisfaction that the Buff Wyandottes were just the kind we needed to make our efforts in the chicken business a success.

Then another way, the way that has proven to be our largest source of revenue—there came to be a good demand for Buff Wyandotte breeders.

It seemed that others too had found out the Buff Wyandottes were just the thing as a combination meat and egg producing variety, and directly we had a surplus, found ready buyers at good prices much in advance of market quotes. It did not take us long to decide that the variety that made the largest and most rapid growth, fattened the plumpest for market, laid first and heaviest when eggs were highest and when we were ready to sell brought a special advance often amounting to four times the price of the other knids, this was the kind to tie to. So we straightway began to select and mate, breed up and build up a strain of Buff Wyandottes that should come close to our ideal.

The care that we had given to all four varieties in that first test year, we have concentrated on our one strain which we have named Evergold, as being significant of their worth as profit earners, twelve months in the year, also the color which we have developed along with the other desirable qualities mentioned viz:—early heavy weights and early heavy laying. Comparing the Buff Wyandottes with the other Wyandottes, would quote a conversation that took place at Madison Square Garden Show, New York, 1910. A stranger stepped up to me

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and said, "Mr. Williams, I gather from your remarks, that you are of the opinion that the Buff Wyandottes are the heaviest and best winter layers of them all." "Yes, Sir." "Well now will you please give your reason for thinking that the Buff Wyandottes are better winter layers than the White Wyandottes?" We were standing near the coop containing Fluffy Buff, the Evergold hen that has won goodly prizes every winter for four years past. I took her from the coop and asked him to lead the way to some White Wyandottes. He did so and there we examined the plumage of the two varieties and found the Buff plumage to be fully one-third heavier and warmer. "A warmer coat of plumage—less sensitive to variations of the weather," was the verdict when examining the two kinds in hand.

Since that first year Buff Wyandottes have been the only kind bred on Feather Fine Farm. Pullet eggs in August and September are the rule with Evergold, hatching beginning March 1st and continuing to June 15th or later. Now that the eggs for hatching and baby chick trade has grown so large we rather discourage fall and winter laying in the hens, that they may bring their full vigor and vitality over into the breeding season. The pullets undertake the early laying with such cheerfulness that it is a great pleasure to be with them at all times, "busy" applies to their every moment. We have had an average of 102 eggs per day in January, from 115 Evergold pullets, the blustery zero weather not causing the least faltering in production.

There is at present an unusually large call for Buff Wyandottes from every point of the compass. The fact that they quickly adapt themselves to any climate is becoming more widely known, so that the Gulf States are calling for Buff 'Dottes—Canada wants her share. They are daily being shipped to the Great West and the East wants more. I really believe there are great money making opportunities in Buff Wyandottes for ten thousand new breeders every year. The mass of people are awakening to the utility values of Buff Wyandottes.

DOWN TO DATE HATCHING AND BROODING

Brooding is being given more exact attention with the result that stronger and healthier chicks are being developed. It is generally recognized that when any considerable number of chicks are handled, this must be done in a systematic yet simple method. Real service in this direction is being given by the free plans of all types of brooder houses, sent to all inquirers by the Candee Incubator and Brooder Co., De Witt, N. Y.

The newest construction shown is a combination colony and brooder house, in which chicks can be cared for direct from the incubator until they are ready and the season is ripe for their removal to the colony houses on the range. This house can be built either double—central alley construction—or single, with the alley on one side. In addition plans are supplied for double brooder

houses, single brooder houses with shed, one-third and two-thirds roof. The special advantage of these constructions with the Candee Brooding system is that one only buys equipment as fast as needed. The heaters and number of brooders can be increased whenever desired without loss on the original investment. The hovers can be either standard or adjustable or any combination of both. Any system will brood all ages of chicks at one time, according to the individual idea of each operator as to the temperature desired.

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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. At 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 the best bird in American class. Kindly write your wants.

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THE COLUMBIAN WYANDOTTE

THEIR RAPID ADVANCE TO POPULARITY. MANY GOOD QUALITIES DESCRIBED. EXCEPTIONAL LAYING QUALITIES EXPLOITED, A FEW WORDS REGARDING CARE AND FEEDING. HATCHING, BROODING, HOUSING, MATING, AND PREPARING FOR EXHIBITION DESCRIBED

BY LEVI A. AYRES

It is wonderful how the Columbians have gained friends in three or four years. The Barred Plymouth Rocks were a popular breed fifty years before the Columbian Wyandottes were thought of, yet the Columbians were first in numbers of all the hundred or more varieties at Boston two years ago. Why was this? Not because they have been boomed by pages of advertising, as have the Orpington, Reds and others, but on account of their laying qualities. In the September number of a leading poultry journal I noticed the advertisements of five Orpington breeders which amounted to five pages, and others of half page each. The Columbians have climbed to their high position by their fine utility qualities. A Columbian hen holds the world's egg record. My hens kept on laying in moulting time all through August, almost as well as they did in April. In the spring all but two or three were laying at the same time in some pens, while in other pens every one was laying.

FEEDING THE BREEDING STOCK

In order to get eggs at this rate there are two things essential. These are: first a laying strain, and second proper feed and care. I find that the best method of feeding the layers is as follows: In the morning feed wheat in a deep litter, and be sure it is deep enough so they will have to work hard for every kernel. This first feed should be given as soon as they get off the roosts, or, if you have a rat proof building, scatter it the night before. At noon feed buckwheat in the litter, which will keep them at work part of the afternoon, and then feed corn in troughs just before dark. Mangels make one of the best of green feeds, cabbage is also good. Besides the feeds mentioned they have oyster shells, grit, charcoal and water before them all the time. In still another hopper is a dry mash consisting of four parts ground oats, two parts bran, two parts corn meal, one part meat scrap and one part middlings measured by bulk.

The only way to get eggs is to keep them exercising; for if they have nothing to do they will stand around and learn to eat what few eggs they do lay.

SELECTING, SETTING AND HATCHING THE EGGS

All the eggs that are laid should not be kept for hatching. Those which have white spots on the shell, rings around them, very large or very small ones, should never be set. It is not best to keep them over two weeks, although they will hatch when kept four or five weeks. Every day they are kept weakens the germ a little more. The temperature of the eggs before being set should never go below sixty or above seventy-five, and should be as uniform as possible. I have not used hens for hatching in some years as I find that Prairie State



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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.

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Incubators are much more sure. They neither leave or break the eggs, and never become lousy. It is not much more trouble to care for a four hundred egg incubator than a fifteen egg hen, and nearly thirty hens would be required to cover four hundred eggs. Think of the time and feed required to care for so many setting hens. If one sets but three or four settings each season then of course an incubator might not pay. The best temperature for the three weeks seems to be one hundred two and a half degrees the first week, one hundred three the second, and one hundred three and a half the third week. On the twentieth day let the temperature run up to one hundred four or even one hundred five degrees, and leave the chicks in the incubator for forty-eight hours after hatching. If you want the strongest chickens possible, give the eggs plenty of moisture and fresh air.

FEEDING THE CHICKS

When the chicks are two days old they are first given water and grit. Then I give them Spratt's Patent, cracked wheat, cracked oats, fine cracked corn and prepared chick feed composed of all kinds of grain and seeds. They have dry mash before them all the time after they are two weeks old. This differs from the laying mash as follows: no middlings and less ground oats and meat for several weeks. The worst thing you can do to chicks is to feed them wet mash and boiled eggs. Of course they should have water, grit and charcoal constantly. I never have white diarrhoea or sickness of any kind and have had April chicks weigh over six pounds in August. I keep sand on the floor of the hover compartment, and clover hay tops in which I scatter the grain on the floor of scratching room.

HOUSING THE CHICKS

When taken from incubator the chicks are put into Prairie State Brooders. These are six feet long, three feet wide, three feet high in front and two feet in rear. The capacity is one hundred, but I prefer to put in seventy-five or even less, as they will grow faster to have plenty of room. A partition in the center divides the brooder into two equal parts, one half being the scratching room and the other containing the Prairie State Universal Hover. The chicks have never leg weakness as the heat is diffused down over their backs and not through the floor. This is an ideal brooder and will raise more chicks than hens. If kept clean there will be no lice to kill them. When about six weeks old they are moved into a colony house which is six by five and six feet high. It has an

equal double pitch roof and half open front.

PREPARING FOR EXHIBITION

In preparing to exhibit the first thing is to select about twice as many of the best birds as you intend to show. This should be done at least one week before the show and earlier if possible. Look over each bird carefully and throw out any that have poor combs, white in the ear lobes, feathers or fuzz on legs or between the toes, or any that have long backs. Put the show birds in training coops every day so that they may become tame and learn to pose. About three days before shipping time every bird that is not clean should be washed. Have three tubs of water near the stove in a room where the temperature is about eighty. In the first tub have warm water and ivory soap, in the second clear water which is cooler

than the first, and in the third cold water with a little bluing. The bird is wet and soaped to the skin, and its

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 From 12 hens kept according to our free feeding plan in this year around house, 8 feet long and 4 feet wide. Send to-day for Catalog Portable Poultry houses. OWEN CO. Front St. Allegan, Mich



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 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.

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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.

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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.
Sands & Beilman, Box W, Hawley, Pa.

legs cleaned with a brush. When all the dirt is removed put the bird into a second tub and be sure to wash all the soap out of the feathers, as they will curl if left soapy. When this is done the bird is put into the third tub and made a little whiter by the bluing. Now take a cloth and rub out all the water possible, being careful to rub toward the tail so as not to break the feathers. Then the feathers must be fanned until dry. Just before being shipped the comb, wattles and legs should be rubbed with a sweet oil or vaseline to make them look brighter.

HOUSING THE BREEDERS

Before beginning to lay, pullets should be taken from the colony houses and put into the laying house. Any type of fresh air house is all right. The principal thing is fresh air if you want eggs and healthy stock. The building I like best is ten feet wide, any desired length, four and a half feet high in the rear and eight feet high in front. The front is solid for three feet above ground, then open three and solid the upper two feet next to the roof. The open space should be fitted with two frames, one wire and the other muslin.

MATING THE BREEDERS

The mating of Columbians, so they will produce better quality than themselves, is the most difficult part of the business. Cull the females down to the number you expect to keep by taking out all those that have poor combs, long backs, bad markings in any section or small size. Do not allow yourself to keep poor ones for the sake of numbers. Next separate the light from the dark colored ones, for two extremes of color should never be put in the same pen. For my best pen I select a cockerel with a red eye and a good comb, for no matter how well marked he is a large percentage of the chicks will be worthless if he has a very poor comb. He must also have good Wyandotte type and as well laced hackle, tail and wing as possible. One very important thing is to have the under color of every breeder white next to the skin. To mate with this male take about six females with white surface on backs, slate blue under color, and white next to skin, with good shape, solid black wings and good hackles. From such a mating ninety per cent. should score better than ninety, while some should go ninety-five or ninety-six. After having mated up this best pen, select enough of the best males for the remaining pens. With a male whose weakest section is his wing, mate females very strong in that section, and by balancing a weakness in one sex with strength in the opposite sex the entire flock will be improved. If one wishes to produce well laced coverts on the female tail the male breeder should have black striping on his saddle.

A subject of such breadth as this can not be treated well in a short article, and a great many points have to be learned by experience.

*** "The Wyandottes" the most complete work on the variety ever written. Procure a copy—sent upon receipt of \$1.00 ***

W. M. WILLETTS, SHERBURNE, N. Y.

W. M. Willetts, Sherburne, N. Y., breeds the quality strain of S. C. and R. C. R. I. Reds. It takes quality to win and Mr. Willetts' Birds possess this to a marked degree. At the last New York State Fair he exhibited and won first cock and other prominent prizes in the R. C. class. First cock was a remarkable bird and he has refused many attractive offers for him. We went over

Mr. Willetts' exhibit and we must say they pleased us, having fine size and shape with rich dark even surface color. They are the kind that win, and he tells us that he has about 300 head of this quality to dispose of. Satisfaction or money refunded is his motto. So you run no chances in dealing with him. He will have about ten hens mated up for egg trade and we advise all Red men to write him for his neat catalogue.

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, Albany, N. Y., Jan. 1912. (I. W. Bean Strain). Cockerels only for sale. Send for mating list.

GREENWICH, N. Y.

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, Pittsburgh, Hagerstown and many other leading shows. Write for circular. Satisfaction Guaranteed.

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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 \$5,000,000.00 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.

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Two Hatches Free**

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- Big slice of my factory price on popular size.
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- Big book telling all about Incubators and Brooders.

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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

RHODE ISLAND REDS

THEIR STRONG POINTS AS SEEN BY AN EXPERIENCED BREEDER.
EARLY HISTORY AND DEVELOPMENT.

BY IRVING A. SIBLEY

Rhode Island Reds are the only strain of American bred fowls which are the result of OUT CROSSING instead of IN-BREEDING, with the result that they are the hardest of all of the American breeds of fowls, laying a larger number of eggs, and laying those eggs in the cold months in such climates as Minnesota, Dakota and the Dominion of Canada, without requiring artificial heat to keep the egg producing machinery in working order. As a result of the vigor and health of these birds, they do well in all climates, apparently resisting the heat as well as the cold, and do apparently as well on small yards and large ranges.

They have been bred since the early fifties, with the sole object in view of producing an ideal egg machine and table fowl, and until 1897 or '98 no particular attention was given to uniformity of color. Along in the early fifties, there lived at Little Compton, Rhode Island, a man by the name of Tripp, who bought eggs and poultry in that vicinity, and which he sold on the Boston markets. At that time there were also living at Little Compton, and in that neighborhood, a number of sea-going men, who sailed their vessels to the Malay Islands and other points for merchandising purposes, and as these were sailing vessels, the homeward trip often took from twelve to fourteen weeks, and the sailors frequently bought many of the "red" Malay Games, for the purpose of having cock fights on board boat on the return voyages, and as Mr. Tripp was a friend of many of these men, some of the birds left over were given to him. As Mr. Tripp gathered birds around the country, when he found an extra good hen, he kept her

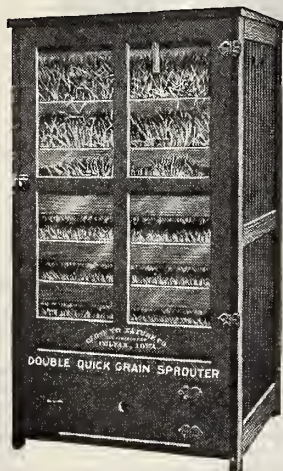
in his own yards, (regardless of her breed) until some years after this practice had been carried on, he had some splendid "utility" fowls, and the neighbors learning of the quality of his birds exchanged eggs with him, until in the course of a number of years' this class of birds were very generally kept in and around that section, and were known as "Tripp's" chickens.

As before stated, there was no particular attention given to the blood lines or color of these birds, or as to whether they had clean legs or feathers on them, or were single or rose comb birds, in fact, about all which was required was that they should be full of life and vigor, and that they should have yellow legs, (which were preferred in the Boston market,) and as "red" roosters were

more vigorous they bred to male birds of this color. In the male line they also used the Red Chintagongs and the Red Shanghais. What I consider of the most importance in the Rhode Island Red is the type or shape of the bird, the long body, broad back, deep chest, in fact, a bird which when you look at her, looks like one which is possessed of strength, health and vitality, with a good wide spread tail, (not pinched), carried low.

Being much interested in Reds, I always had a desire to learn all that I could as to the true origin of these now celebrated birds, and in the fall of 1909, I went to Fall River, Mass., where I secured an automobile, and together with Daniel P. Shove of Fall River, drove out to Little Compton, R. I., and visited the old farm where Mr. Tripp lived, and found his daughter still living on the old homestead. We had a nice visit with her, and learned the history of the birds as above described from her. She remembered well when her father first began the development of them.

Rhode Island Reds have gained popularity faster than any other vari-



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.

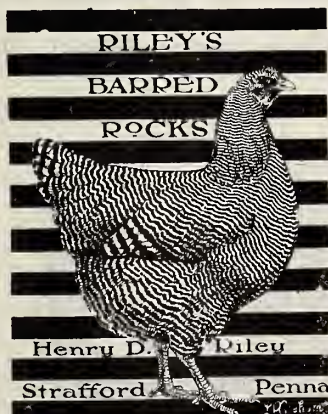
Made in five sizes from a few hens to 600. Full information free.

CLOSE-TO-NATURE CO.

48 Front Street,

COLFAX, IOWA

Riley's Barred Plymouth Rocks



A TRIUMPH SELDOM APPROACHED AND NEVER EQUALED IN ONE SEASON.
A GRAND SUCCESSION OF VICTORIES AT FIVE OF AMERICA'S BEST SHOWS.

Williamsport, Pa.: 1st, 2nd, 6th Cock; 1st, 2nd Hen; 1st, 3rd, 6th Cockerel; 5th, 6th Pullet; 1st Pen. Coatsville, Pa.: 1st, 2nd Cock; 1st, 2nd Hen; 1st, 3rd Cockerel; 1st, 2nd Pullet; 1st Pen. Madison Square Garden: 7th Cock; 1st Hen; 2nd Cockerel; 4th and 6th Pen; Color Special on both Male and Female. A crowning victory—Two shows the same week: Baltimore, Md.: 2nd Cock; 1st Hen; 1st Cockerel; 2nd, 5th Pullet; 1st Pen; 1st Cockerel Mated Pen. Camden, N. J.: 1st Cock; 1st Hen; 1st Cockerel; 4th Pullet; 1st Pen.

A GRAND TOTAL OF 18 FIRSTS AT FIVE OF AMERICA'S LEADING SHOWS.

My birds have been pronounced marvels of Barred Rock perfection by all, and my sweeping victories of the past season have written a new page in Barred Rock history.

No Barred Rocks have ever been produced to equal my Madison Square Garden Color Special Hen and Cockerel, and they will stand as living examples for all time, as a standard to follow. My wonderful records for the past five years must thoroughly convince you that Riley's Rocks have established a record and reputation second to none in the country. This season I am more strongly fortified than ever to continue my record-breaking winnings, and I shall mate up the grandest lot of birds that have ever been found in any breeder's yards.

My illustrated mating list will be issued about February 15th, and every one interested in producing the best obtainable Barred Plymouth Rocks should send for one. My greatest pleasure is to help my customers to win. Elegant breeding cockerels or pens mated to produce winners always for sale. Write me your wants and rest assured I will do all in my power to help you. Do not fail to read "The History of an Egg," and find out how one of my customers realized one of the greatest honors that can come to any breeder. My best is at your disposal.—Will you accept it? (See my other adv. on page 340.)

HENRY D. RILEY,

Box C,

STRAFFORD, Chester Co., PA.

Whenever You See The "Bars"
Think of Riley's Rocks—
Barred Of Course.

ety of fowls, and because of their "utility" value, and unless this is overlooked, I truly believe that it will not be many years before there will be more Rhode Island Reds raised and kept in this country, than all other breeds combined. It is truly said of them, that they are BREAD WINNERS.

PEERLESS PEEPS

There is an old argument to the effect that advertised articles are better than others, because the advertiser says so much good in his ads about the articles he has for sale, that he then has to set to work to bring the quality up to the standard advertised.

How good the peeps on The Peerless Farms were in the early history of the farmers the writer does not know, but he is inclined to believe that from the moment Mr. Rosbrook gave the name Peerless to his farms the products therefrom began to improve. At any rate his Single Comb White Leghorns have reached a high degree of excellence. The word peerless means much. He set for himself a high standard. He has worked up to it.



The Peerless Peeps from the Peerless Farms are certainly little Peers. They are chicks hatched right and bred right. Every pullet is weighed at the time she lays her first egg. She must be up to the standard weight. She is trapped throughout her entire pullet year, and if she does not lay 175 eggs in that period she cannot gain admission to the breeding flock. Consequently, every Peerless pullet is bred from a long line of big layers. By the lay, "Like Begets Like", Peerless Peeps develop into Peerless layers.

Bear in mind that 175 eggs during the pullet year is not the average. It is the least a pullet can lay and become a breeder on The Peerless Farms. One class of breeding hens has to reach the standard of 200 eggs in the pullet year! You can readily understand why these flocks make money. A hen's value is in proportion to her performance, and, if her performance is not high, she must find a new home.

Peerless hens are strictly utility birds, though breed characteristics and great beauty have been attained. If you will write to the Peerless Farms, Northport, R. F. D. 5, Long Island, New York, for their new catalogue, it will be sent you free. It contains several views on The Peerless Farms that will interest you. Send for it.

YOU CAN'T GET AWAY FROM IT

We mean that big red tomato on the front cover page of the Maule Seed Book for 1912. It may not be esthetic, probably is not, but you're sure to see it, and you naturally open the book to see what follows. However, on the back cover page is a beautiful colored plate of the new Crego aster, in all the wonderful coloring of this new candidate for the favor of flower lovers; so the esthetic person can admire the back cover and the matter-of-fact gardener look at the front cover and both be satisfied. Between the front and back covers are one hundred seventy-six pages descriptive of the seeds and plants which have made the name of Maule a household word among the farmers, gardeners and flower growers from the Atlantic to the Pacific and the regions beyond. The name Maule stands for the same in seeds as sterling on silver. The Maule Seed Book for 1912 is one of the catalogues every farmer and gardener should have.

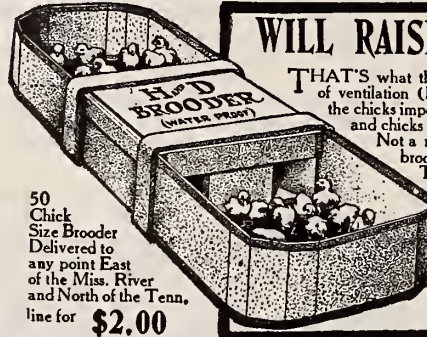
A copy is free if you mention AMERICAN POULTRY WORLD.

AUG. D. ARNOLD TAKES UP CAMPINES

Aug. D. Arnold of Dillsburg, Pa., who is making a specialty of "stay white" White Orpingtons has also taken up the Silver Campines and with other leading fanciers believes in a great future for them. Mr. Arnold, as he did in White Orpingtons, got the best Silver Campine blood to be found in England and America. He has stock sired by Silver King, the champion of England, now owned by J. F. N. Kennedy of Canada, and has imported birds

through Mr. Kennedy from the yards of the Rev. E. Lewis Jones, Sec'y of the Campine Club of England, and has also birds sired by M. R. Jacobus' first prize New York and Boston males. Mr. Arnold is never satisfied with only the best to be found. See his ad in this issue.

* * * All breeders of Wyandottes should have a copy of the book "The Wyandottes". \$1.00 per copy postpaid * * *



WILL RAISE EVERY LIVABLE CHICK

THAT'S what the "H & D" Fireless Brooder will do. Its perfect system of ventilation (Patented) without draughts, makes sweating or smothering the chicks impossible. Roomy, has adjustable yard with no cold corners, and chicks can't crowd. The adjustable hover broods just like a hen. Not a roll of corrugated paper board, but a perfectly equipped brooder ready to raise your chicks to the age of six weeks. Thousands of users praise the "H & D" for the strong, sturdy chicks it raises.

If your dealer can't supply you with the genuine "H & D" Fireless Brooder, order from us. Beware of imitations!

Send your order today. Satisfaction guaranteed. Send for free folder of Chick Boxes, Egg Boxes, etc.

The Hinde & Dauch Paper Co. Dept. C Sandusky, Ohio

50 Chick Size Brooder Delivered to any point East of the Miss. River and North of the Tenn. line for \$2.00



Underwood Standard Typewriter MECHANICAL EFFICIENCY

The UNDERWOOD TYPEWRITER has been displayed at all expositions of importance since 1900 and in every case was awarded the highest prize. The list follows:

Grand Prix, Brussels	1910	Grand Prize, St. Louis Exposition	1904
Grand Diploma of Honor, Buenos Ayres	1910	Grand Prix, St. Petersburg	1904
Grand Gold Medal, St. Petersburg	1909	Grand Diploma of Honor, St. Petersburg	1904
Grand Prix, Turkestan Jubilee	1909	Diploma of Honor, Rome	1903
Gold Medal, Glasgow	1908	Grand Prize, Limoges	1903
Grand Prize, Barcelona	1907	Grand Prize, Rome	1902
Gold Medal, Jamestown	1907	First Grand Diploma, Venice	1901
Grand Prize, Milan	1906	Gold Medal, Pan American, Buffalo	1901
Gold Medals (2), Portland, Oregon	1905	Gold Medal, Paris	1900
Grand Prize, Liege	1905		

The Company also received the Elliott Cresson Medal, the highest award of the Franklin Institute of Pennsylvania, in 1910.

In all important typewriting contests, both professional and amateur, held in the United States and Europe, the winners, and usually the second and third contestants, have operated the UNDERWOOD.

All speed records—professional and amateur—are held by operators of this machine.

"The Machine You Will Eventually Buy"

UNDERWOOD TYPEWRITER CO. Inc.

UNDERWOOD BUILDING NEW YORK

Branch Offices Throughout the World.



THE BOSTON SHOW

By J. H. Drevenstedt

(Continued from page 319)

being small and excepting a few of the winners, the quality of the birds was not up to the high standard of this popular variety, as seen at our great shows of today. Henry P. Schwab judged these classes and found the latter quite a bit easier to handle than the Buff Rocks.

Partridge Plymouth Rocks rather small classes, but Master J. V. R. Bright exhibited some choice specimens in the former, scoring three firsts and several other prizes.

Columbian Plymouth Rock classes were well filled, the quality as a rule being very good in the winning specimens. Judge Bean placed the awards with due regard to type and color markings.

RHODE ISLAND REDS

That the Reds are very popular at Boston is attested by the fact that 96 Single Comb Reds and 12 pens of the latter confronted the judge, probably the best ever seen at the Hub. First cock a very sound bird in color, but somewhat heavy in type; second, third, fourth and fifth good ones, the third being best in type and fine in color. The first hen was pronounced a corker by Judge Bryant. The winners were placed in this class, as also were the cockerels. The first cockerel is a typical Red of splendid color and an easy winner; the others all being of exceptional merit, some really good ones being left out of the awards, because there were only six prizes to be placed. Pullets not over strong as a class, first and third being the best, especially the latter, one of the stars of the year. Pens very strong, the first being an easy winner, but there were six other pens of very high quality after the first one, with not much to close between them.

Rose Comb Rhode Island Reds numbered 67 single entries and 6 pens. First and second cocks were sensational birds, hens great, the first four having the rich color of pullets, the fourth having darker and smoother color than any pullet in the Rose Comb class. Mr. Sibley, her owner, said she was three years old, a truly remarkable hen. Cockerels, first very rich in color; second very even in surface color; fourth and fifth, fine in type and color, two great birds. The cockerels in pens 1222 and 1239 were exceptionally fine birds, and it seems

a place might have been found for them among the first six. The Rose Comb Red pullets made up a fine class, the ribbons being well placed. The sixth prize bird looked best to us in type. Five strong pens were shown, but the first prize pen was a star of the first magnitude, and it is doubtful if a better pen of Rose Combs was ever shown. Mr. Bryant said it was the best one he ever saw or handled. The owners, Payne Brothers, certainly ought to feel proud over this fine pen of birds.

The Rose Comb Rhode Island Red alley was enlivened by the presence of Mr. Sibley's, Mr. Simmons' and Mr. Crittenden's Chicago winners, or some of them in the different classes, and considering the distance traveled after their week at Chicago, they did very well, eastern critics being well pleased with their birds. George Tracey was

very sweet on Mr. Simmons' cockerel and Mr. Sibley's hen.

LEGHORNS

Excepting the White Leghorns, the other varieties of this popular breed

IVES' LANGSHANS "A GOOD STRAIN OF A GOOD BREED"
Consistent winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.
PAUL B. IVES. "Bonnycroft" GUILFORD, CONN.

BUFF WYANDOTTE Cockerels sired by Blue Ribbon winners at Boston, Washington and Madison Square Garden shows.

DR. W. N. SANBORN, R. F. D. No. 424, HOLDEN, MASS
When you eat squabs ask for Plymouth Rock squabs

SQUAB BOOK FREE for 1912, telling how to make money breeding squabs, how to start small and grow. 5000 wanted daily by only one N. Y. commission firm. See what they say in National Squab Magazine (monthly) specimen copy from us Ten Cents. **PLYMOUTH ROCK SQUAB CO.**, 317 Howard St., Melrose, Mass. Founder of the squab industry in America.

MERHEW'S BUFF LEGHORNS Have won more prizes at the New York State Fair during the past 10 years, than any other exhibitor. Can furnish winning show birds or choice breeders.

Utility Cockerels \$2.00 each and up.

L. E. MERHEW,

MARATHON, N. Y.

S. C. WHITE LEGHORNS

Young stock for sale. Eggs in season. Write your wants.

Satisfaction guaranteed.

OAK POULTRY YARDS, Paul C. Bork, Prop., AKRON, O.

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, 1-2-3-5 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, Five Dollars per setting. Address

CHAS. B. McEWAN,

ALBANY, N. Y.

MY QUAITY 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.

ROYAL REDS KEEP WINNING

At the Wisconsin State Show, January 1912, in the largest and strongest class of Reds in the history of the show, **Royal Reds** 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 highest 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.

My exhibit was the sensation of the show and was pronounced by judges, breeders and spectators to be the highest classed Reds in America. This record with my great Chicago victory and all (5) first at Milwaukee, places **Royal Reds** in the lead of all others. Mating list free for the asking.

F. E. HARRISON,

BOX A,

MENOMINEE, MICH.

were not strongly represented, a total of 232 specimens, of which 125 were Single Comb and Rose Comb Whites.

The Single Comb Whites made a great showing with the famous Dune Alpin and Skylands Farm fighting it out for the honors, all the prizes going to these two exhibitors. But we should like to see some of those big Brown Leghorn classes that were features at past Boston shows, to say nothing of the Buffs that also seem to be losing their grip at the Hub.

ORPINGTONS

Orpingtons made decided gains over last year, 354 specimens being shown against 217 in 1911. In quality also these classes have advanced, the winners in the Buffs, Blacks and White varieties being first class. In Whites Dune Alpin Farm made a fine record, winning all the blues in the single classes, A. C. Hawkins and H. B. Prescott capturing the first and second pen prizes in a strong class of 13 pens.

H. B. Prescott also did well in capturing first on Black Orpington cockerel and pullet, both winners being cobby in type with good length of shank and nice color, in fact we rather liked the Black Orpington class as a whole, the type approaching that of the old original Orpington quite closely and showing less of the Cochinchina characteristics of loose feathering and short shanks, that some of the English winners seem to possess to judge by the illustrations in the poultry journals of Great Britain.

HAMBURGS AND POLISH

The beauty breeds were well represented with 206 Hamburgs and 90 Polish. It was the finest show of the Hamburg fowl we have seen in many years. Judge Minnich had his hands full judging classes that contained the finest blood of America, Canada and England, but he did his work well. We wish we could describe the beauties of the winners in this class, but space forbids.

Polish were smaller classes than usual, but the quality was first class.

CAMPINES AND DORKINGS

Campines, thanks to M. R. Jacobus, made up excellent classes, the wonderful advance made in the color markings and type of this breed being remarkable. We look for a great show of them next year at New York and Boston.

Dorkings, especially Silver Greys, were excellent in type, size and color, and why not? The best that could be bred and bought were at Boston.

BANTAMS

Game and Ornamental Bantams about held their own at Boston, the

Wilcox's White Wyandottes "Winners wherever shown"

A heavy laying strain of massive, blocky birds that are proven winners. Some fine exhibition and breeding birds for sale. Mating list free. "As good as the best and better than the rest."

HORACE L. WILCOX,

36 Brainard Avenue,

MIDDLETOWN, CONN.

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

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 Vista 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.

S. C. W. Orpingtons S. C. W. Leghorns Eggs Eggs Eggs Eggs

Orpington Eggs from Exhibition Stock, \$3 to \$10. per 15.

Leghorn Eggs from Exhibition Stock, \$1.50 to \$3.00 per 15

BABY CHICKS

BABY CHICKS

BABY CHICKS

Write for prices and dates for hooking. We have a few Orpington Cockerels for exhibition mating as low as \$5.00.

FLAKE WHITE ORPINGTON FARM,

MARTINSBURG, W. VA.

JAY CARSON CARSON, Member White Orpington Club. 1st Vice President Berkely Co. Poultry & Pet Stock Association

"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.

Loyd's Prize-Winning Partridge Rocks

Our birds have never failed to win a big share of the First Prizes wherever shown. Remember we won First Pen at Chicago, 1910, besides several other prizes. At Indiana State Fair, 1910, we won First Hen, First Cockerel, Third Pullet and Second Pen. We won First and Fifth Cock; First, Third and Fourth Hen; Second, Third and Fifth Cockerel, Fifth Pullet and Special for Best Display of Partridge Rocks at Indianapolis Quality Show, 1911. We have about Seven Hundred birds for sale. Write your wants. Stock shipped on approval. Eggs after February 1st.

C. J. LOYD & SON,

GREENSBURG, IND.

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.

Send for Catalogue

PAYNE BROS.,

PORTLAND, CONN.

falling off in entries being in the latter while the Games made a gain. Richard Oke and J. H. Drevestedt judged the Ornamental, J. P. Magoun the Game Bantam classes. Competition was not particularly keen in any of the classes, but the quality of the winners was of the best as a rule in all. A. I. Paine made an excellent record in the Ornamental division, winning the first pullet, second cock and hen prizes in Black Cochins and first cock and second hen in Light Brahma Bantams with specimens of superior merit.

COMPARATIVE LIST OF ENTRIES

Below we give a tabulated list of the number of poultry specimens exhibited in 1912 and 1911, which show an increase of 495 specimens over last year. The pigeons, pet stock and display entries amounted to about 2,000 specimens, so that the total number exhibited at the Boston Show will exceed 5,600 specimens.

INDIVIDUAL SPECIMENS 1912	1911
Brahmas	117 132
Cochins	61 75
Langshans	54 69
Plymouth Rocks	599 407
Wyandottes	740 666
Java	2 0
American Dominiques	31 43
Rhode Island Reds	247 144
Dorkings	55 88
Orpingtons	354 217
Buckeyes	26 48
Leghorns	232 266
Minorcas	38 25
Andalusians	22 17
Spanish	6 10
Anconas	19 1
Polish	90 189

Houdans	58 68
Hamburgs	206 172
Red Caps	3 0
Campines	24 18
Faverolles	0 10
Cornish	21 32
Lakenvelder	4 5
Games	65 148
Any other variety	38 4
Bantams	251 266
Guineas	2 1
Pheasants	10 0
Turkeys	60 8
Ducks	137 21
Geese	42 37
	3614 3119

BOSTON SHOW NOTES

BY G. W. TRACY

Pittsfield Poultry Farm Company, 276 Main St., Pittsfield, Maine, had one of the best exhibits of Barred Plymouth Rocks ever shown at Boston, the quality of the string throughout being strong, both in males and females, and although opposed by the best that could be procured in New England, Pittsfield won that most desired of all prizes, best display, leading all competitors by a big margin. Pittsfield Farm is making history nowadays and is doing much for the advancement of the Barred Plymouth Rock, and is clearly recognized as the leading Barred Rock farm in the country, when we consider both exhibition and utility. Their great feature is their day old chicks business and in this particular line they are leaders. They publish a great book, called the "Money Making Poultry." This book is full of good things for the beginner in raising poultry and will also help the more advanced

fancier. It will be sent free to all readers of the AMERICAN POULTRY WORLD for a certain length of time. Mr. Briggs, the ruling spirit of Pittsfield Farm, was present during the show and we are positive that he met more people interested in poultry than any other exhibitor at the show. Mr. Briggs' fame as an advanced thinker and an authority on the business methods of conducting a poultry business for profit is world wide. We invite our readers' attention to the display advertisement of Pittsfield Poultry Farm on page 17 of this issue of A. P. W.

Grove Hill Poultry Yards, Waltham, Mass., had a display pen of Barred Plymouth Rocks that attracted considerably more attention than the first prize pen of Barred Rocks, which was caused by the fact that the first prize cock at Topeka, Kan., was in this pen. This magnificent bird traveled 3,000 miles—and demonstrated to enthusiastic western breeders that in their opinion he was the best Barred Rock ever shipped from the east. He is a model in shape and his barring was bright, snappy and clear to the skin—a model of the most advanced type of the modern Barred Plymouth Rock male. Grove Hill also had in a display pen of S. C. Brown Leghorns. In this pen was the first prize cockerel at Topeka, Kan., 1910. He is a wonderful Brown Leghorn male, having the broadest, soundest and truest striped saddle feathers I have ever seen. He is a large, vigorous bird of

RHODE ISLAND REDS

Baby Chicks, Eggs or Stock

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

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.

the most approved type and equal in shape to any Leghorn yet produced. A. C. Smith, superintendent of this great poultry farm, who was at the Boston show every evening during the week, stated to us that their business last season was the best in the history of the Grove Hill Poultry Yards, their Brown Leghorn business being double that of any previous year. There is a strong reason for this. Mr. Smith is one of the most successful breeders and producers of exhibition Barred Rocks and S. C. Brown Leghorns in the country. The records of Grove Hill at Madison Square Garden and other shows demonstrates the superiority of their strain. We always hear a good word for Grove Hill whenever we run across one of their customers, and we do this often, as they are many.

A. C. Hawkins, Lancaster, Mass., made a big win on White Plymouth Rocks, winning 2nd hen, 1st cockerel, 2nd cock and first pen—winning numerous specials including the champion challenge cup for best male, and cup for best display. Mr. Hawkins also made two entries in the White Orpington class and won 2nd hen and first pen. He has been breeding White Orpingtons for some time and certainly has good ones. No matter what breed he takes up he is bound to be on top. He is the first poultry breeder in the world to sell over a million dollars worth of Standard bred poultry and eggs. Mr. Hawkins has been prominent as a breeder and exhibitor for more than a third of a century and has built up a reputation as being America's most skilled breeder of Plymouth Rocks and Wyandottes.

C. F. Webster, Girard, Pa., made an entry in the White Rock classes and won first hen, sixth cock and sixth pen. Mr. Webster's manager, F. H. Lichtenwalter, made an entry in the Buff Rock classes and won three ribbons, which was good considering the competition. Mr. Lichtenwalter also made a nice winning at the big Chicago Show.

Linfield Poultry Farm, Linfield, Pa., John Poley, manager, made quite a

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

COLUMBIAN WYANDOTTES

(KEATING'S ENTIRE STOCK)

Hatching Eggs. Pens headed by 1st and 2nd cockerels Madison Square Garden Winners, December, 1911. Breeding Stock. Especially Fine Cockerels. Address

RALPH WOODWARD,

Box G,

GRAFTON MASS.

CRYSTAL WHITE ORPINGTONS

Our stock originated from a five hundred dollar Kellerstrass pen and Kellerstrass thirty dollar matings. We won five out of a possible six first prizes at Hornell, N. Y., November, 1911, against birds purchased at \$100.00 each, which alone demonstrates that we have the goods. We have some fine breeding stock for sale and are also booking orders for eggs for hatching and baby chicks. We can give you all the quality you wish and at prices that are right.

JAS. D. CHEESMAN,

Box W,

ANDOVER, 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 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.

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 \$5.00 per setting. Every egg guaranteed fertile.

Address GIFFORD & WARREN,

EAST WEYMOUTH, 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 so, 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.



"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.

stir in Buff Rocks, winning three firsts plus several other regular awards and captured the National Club cup for best cock, hen, cockerel and pullet, also championship cup for best display and other specials. Their new catalogue is now ready and it is one of the handsomest we have seen. Buff Rocks are on the boom and if you are interested in them be sure to send for a copy. Linfield Buff Rocks have been shown all over the country, showing each year at Madison Square Garden, and Manager Poley stated to us, that they haven't been defeated on pens in five years.

S. H. Harter of Nescopeck, Pa., again demonstrated that he is unbeatable on Buff Rock females as he won 1st, 2nd and 3rd hens and first pullet, also cup for champion females. Mr. Harter also won 5th cock, 1st, 2nd and 4th hen; 2nd cockerel; 1st, 2nd and 5th pullet; 2nd, 3rd pen; also special for best display at the last Madison Square Garden Show. We have been at Mr. Harter's place and we can attest to the high quality of his strain, a feature of which is the great color of his hens; with but very few exceptions they would all be taken for pullets. When at Nescopeck we told Mr. Harter that without a doubt he would clean up on hens and pullets at Madison Square Garden this season and he did. In addition, he won best display, an honor much sought, but very difficult to attain at this the greatest of shows.

Howard M. Monroe, Lexington, Mass., made a killing with his Columbian Plymouth Rocks, winning 2nd, 5th cocks; 1st, 4th, 5th pens; also special for best display, special for best three cockerels and three pullets and other prizes. The Columbian Rocks were strong classes with entries from all parts of the country. Mr. Munroe states that he does a good business in Columbian Rocks and attributed most of it to the AMERICAN POULTRY WORLD. The Columbian Rocks are booming and if you want to be in right look up Mr. Munroe's advertisement.

Lee W. De Voss of Greenfield, Ohio, had a very nice exhibit of Columbian Rocks and won quite a few ribbons. Mr. De Voss, who represents the "Standard," was handicapped by not being able to be home to attend to the selecting of his best birds, so under the circumstances he did very well. Mr. De Voss will have twelve pens mated up for the egg trade and will sell eggs at \$5.00 per setting from his prize matings.

A. & E. Tarbox of Yorkville, Ill., came east with a big string of Silvers. Much interest was manifested in their coming as they are, with the exception of Mr. Jodrey, the oldest breeders of Silver Laced Wyandottes in the country today. It was the general impression that the Messrs. Tarbox's birds deserved at least first pen. Mr. Jodrey stated to me that Mr. Tarbox should also have won first hen. This opinion of a competitor of Mr. Jodrey's standing should have great weight. Messrs. Tarbox won the prize

for the largest display, the \$10 cup for the exhibitor having more than five birds coming the greatest distance, and the Atherton cup for best display, besides nine other cash specials.

J. C. Jodrey, Danvers, Mass., won more points than any other competitor, also the Steinmesch cup for best cock, hen, cockerel and pullet and the greatest prize of them all, the champion challenge cup for the best Silver Laced Wyandotte male in the show. The first cock was declared to be the best Silver Laced Wyandotte male

The Reynolds' Champion Strain - White Cochin Bantams

At Madison Square Garden, Red Bank, Grand Central Palace and Boston. This season we won more Blue Ribbons than all competitors combined. Select stock always for sale. Eggs in season.

EDW. G. REYNOLDS,

1181 Grand Street,

BROOKLYN, N. Y.

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. Eggs and stock for sale. Send for illustrated catalogue.

MRS. W. L. COBINE,

ONEONTA, N. Y.

BLACK MINORCAS - ROSE AND SINGLE COMB

Allentown to Boston, including New York. 21 firsts, 16 seconds, 20 cups and specials. Stock and eggs. Day old chicks. Mating list free.

J. S. KNIGHT,

Removed to AMBLER, PA.

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.

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

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. Eggs \$15 per 100. Get the best.

A. S. BAILEY,

COBALT, CONN.



Get My Free Book on WHITE WYANDOTTES

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.

HENRY C. DIPPEL,

Box W, North Delaware St., INDIANAPOLIS, IND

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.

ever shown and Mr. Jodrey was kept busy receiving congratulations from all sides for the production of a Silver Laced male of such wonderful color and type. There is not a particle of doubt but that Mr. Jodrey is one of the greatest breeders of Silver Wyandottes in the country and he knows what a good Silver should be. He is always willing to own up when he is beaten, and when he saw Messrs. Tarbox's great hen, he said, "You will surely get first hen, she is the best I ever saw."

J. W. Andrews of West Dighton, Mass., again captured the prize for best display in White Wyandottes, special for most typical male, best three cockerels and three pullets, best pen of old fowls and other cash specials, making the third year in succession that Mr. Andrews has won 1st and 2nd cockerel. He also won 1st pen six years in succession at Boston, a feat never before accomplished at any show and only lost out this year owing to condition of pullets. Mr. Andrews does not fear competition when it comes to showing White Wyandottes.

Wilbur & Wagenblatt of New Haven, Conn., won 2nd pen and 4th cockerel, this last in a class of 65 cockerels is a great showing. This firm has the real stuff in White Wyandottes. We have watched their exhibit for several years at New Haven, and this year we advised them to try Boston, as we thought they would be in the ribbons at that, or any other show.

Onlya Farm, Morristown, N. J., won the challenge cup for best female, their first prize pullet won this coveted special. She is a wonder as she is the same pullet that won first and special for the best pullet in the whole show at Atlanta, Georgia. They have had over 100 birds under the ribbons and every one was bred and raised by themselves. Manager Staff deserves great praise for what he has accomplished in such a short space of time. He states that they will not show as much next season, but will reserve their strength for New York. Look out for them.

In calling attention to the winnings of A. P. W. advertisers in the White Wyandotte classes we must mention the man that gave them their prizes, Mr. Arthur Duston. We went over the classes very carefully several times during the week and came to the conclusion that it was the best judged class of Wyandottes that has

ever come under our notice. From the aisle we would differ with Mr. Duston on leaving two birds out, but when we called Mr. Duston's attention to these birds, he took them out for us and pointed out the defects, which although not visible without handling caused him to leave them out of the ribbons. We will go on record as stating, that we never before saw so much care exercised as by Mr. Duston in judging the great class that he

had to handle, and in all our years of attending the Boston show, it is the first time that we failed to hear one single complaint on the judging of the White Wyandotte class. Mr. Duston proved conclusively that he is a past master with the breed that he has done so much for. When the White Wyandottes were not as popular as they are today, Mr. Duston, by his efforts and labors, more than any other man, is responsible for the boom that

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

Oak Nest Farm, Rhode Island Reds Rose and Single Comb, Brilliant Dark Red. We have won at Madison Square Garden and other big shows. At Pittsburg, 1911, we won S. C. 1-2 pen, 1 pullet, 2-4 hen, best display. Stock on approval. Send for new catalogue which gives description of pens and prices of eggs.

CHARLES SHIELDS.

8 North Diamond Street,

PITTSBURG, PA.

STULTZ BUFF ORPINGTONS

are birds of quality that possess that even, rich shade of Buff accompanied by correct type, that puts them in the front rank as exhibition birds. Their latest winnings were 4 ribbons at the Great Indiana State Fair, 1911. Trios, pens or single birds for sale, both old and young. Fully matured cockerels and pullets now ready for showing. Write for prices.

E. W. STULTZ,

Box P. W.,

ZIONSVILLE, IND.

DEMING'S SINGLE COMB REDS

are universally acknowledged to be one of the greatest winning strains in America. Last season at 3 big New England Shows we won 35 regular prizes including color and shape specials, besides winning for ourselves, we have bred and sold birds that won the Blue at Boston and New York. Our hens are so Red that they often win color special. They are better than ever this season, and we will have the strongest egg matings that we ever put together and we will sell eggs from them all. 200 fine utility yearling hens for sale at \$1.50 each. Elegant breeding cockerels \$5.00 each. Satisfaction guaranteed or money refunded. Eggs \$5.00 per setting from exhibition matings, splendid matings \$8.00 per hundred. Send for catalogue. Address

H. P. DEMING,

ROBERTSVILLE, CONN.

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 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.

THE BLACK ORPINGTON SPECIALIST

won at Chicago last December—3 firsts and 5 seconds in their class. Truly a great win, but at Nashville in September last, they won every first and champion Orpington male, all varieties competing. Who could do more? We have grand breeding stock with the best blood lines in the World for sale at all times.

10 GRAND PENS HEADED BY 1ST PRIZE-WINNERS

at Chicago, Nashville, Memphis, Indianapolis and Atlanta, now mated for the egg and baby chick trade. Eggs \$5 and \$10 per 15. Mating List and Baby Chick Catalogue Free.

BLUE RIBBON POULTRY FARM, Box 2, COLUMBUS, IND.



finally struck, a boom that doesn't seem to lose it size, as the White Wyandotte still holds its proud position as one of the greatest varieties of fancy poultry. The leading shows of the nation will do well to consider Arthur Duston as being the man best qualified to judge the White Wyandottes.

Henry R. Ingalls of Greenville, N. Y., won the challenge cup for best display of Buff Wyandottes, duplicating his big win of the week previous at Albany, where he had in the best pen of Buff Wyandottes we ever handled. Mr. Ingalls is one of the best judges of Buff varieties.

Dr. Sanborn made a small entry in Buff Wyandottes, winning the shape special with his first prize hen. The doctor has the reputation of owning the greatest utility strain of Buff Wyandottes in the world and they are much in demand on this account. They have splendid size and shape, he having one hen at Boston that weighed nine pounds. A foreigner of note endeavored to purchase this great hen, but Dr. Sanborn holds her beyond price, as she is a wonderful layer. Dr. Sanborn is one of the most useful men in the poultry business and stands high in the estimation of the American poultry public.

Sheffield Farms, Glendale, Ohio, won every first in the Partridge Wyandotte classes, also best display. This farm has made every big show in the country this season, including Madison Square Garden. They have defeated all comers, not losing best display in a single instance; they showed a big string and their beauty attracted many new advocates to their standard.

Edgemont Poultry Farms, Edgewood, R. I., and Lansdowne, Pa., were runners-up, winning second best display. We look for big things in Partridge Wyandottes from this firm, particulars of which can be found in their handsome catalogue, which will be of great interest and value to every Partridge Wyandotte breeder.

Sunnybrook Farm, West Orange, N. J., made a small entry in the Columbian Wyandotte classes, winning first hen and shape special. Mr. Cleveland, proprietor of Sunnybrook, was present and was real proud of his success at the Camden, N. J., show, where in the hottest and biggest class of White Wyandottes ever shown in the State of New Jersey, he won three firsts and four seconds; also winning the prize for the best display, White Wyandotte state cup for the championship of the State of New Jersey, gold medal for the best cockerel in show, also A. P. A. medal for best cockerel, 2nd hen won special for whitest hen in show, 1st pullet won special for best pullet in the Amer-

ican classes. He also won special for best display in American class. Mr. Cleveland has every reason to feel proud over such a grand winning, especially as his birds won over birds furnished by some of the best breeders in the country. Things look bright for Sunnybrook Farm.

Ralph Woodward, "Three Oaks", Grafton, Mass., had a display pen of Columbians in the show. The news that A. J. Keating, owing to other business interests, had sold his entire stock and good will to Mr. Woodward created a sensation. Mr. Woodward made his debut at the last show in the Madison Square Garden, winning 1st cockerel, 3rd and 4th cock, 2nd and 5th pen and best display; very good for the first attempt.

Old Acres, Foxboro, Mass., won best display prize in the S. C. Rhode Island

Red class, their first pullet winning shape and color special, and the third pullet was equal to the best S. C. pullet of the season, while the first cockerel was a star and an easy winner.

White Birch Poultry Farms did well with first hen Single and Rose Comb Reds, their second prize Single Comb Red being a fine bird of splendid shape and rich color. White Birch will furnish baby chicks this season from their best pens, an opportunity, we feel, will be grasped by many who would prefer to buy day old chicks rather than eggs. White Birch also won three firsts and two seconds on six entries in Pekin Ducks. Manager Withington states that business has been good at White Birch and that he will also furnish day old ducks this season.

A. S. Bailey of Cobalt, Conn., Rhode

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

IMPORTED WHITE ORPINGTONS

Big, typy stock, old and young, fit to win at any show, at let live prices. An unapproachable prize record.

G. W. GOODELL,

Box P. W.,

FREDRICKTOWN, OHIO

BURT HAS A FEW

BUFF WYANDOTTES

For sale. Cockerels, \$3 and \$5. Pullets, \$2 and \$3.

J. E. BURT,

ATHOL, MASS

Big Bargains in S. C. Black Minorcas

Fine lot of very promising COCKERELS from NEW YORK and PALACE winners, at BARGAIN PRICES. My birds are noted for their STURDY VITALITY and great LAYING qualities, and their record in the LARGEST SHOWS is GOLD LINED. Write TO-DAY for sale sheet and get the PICK.

HAROLD W. GOULD, Member American Black Minorca Club, Box W, LAKE GROVE, N. Y.

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.

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.

DON'T MAKE ANY MISTAKES

If you want to win in the Single Comb Red alley, no matter who shows, I can supply you with the birds to do it. I have been supplying winners for years for the best shows in the land. I have never failed to win myself at Madison Square Garden and Boston. My Reds lay and pay. I have raised the best Reds I ever owned on my new 500 acre poultry farm. Try me and be convinced that the man that always makes good for his customers is...

FRANK D. READ,

S. C. Red Specialist,

BRIDGEWATER, MASS.

Island Red specialist, won 3rd hen and 2nd cockerel on four entries in the single classes. He only entered a few birds as he had won very heavily at West Haven, and Grand Central. The honor of producing first cock and champion male at Boston goes to Mr. Bailey. Mr. Bailey also won two blue ribbons on best dozen brown eggs and best dozen R. I. Red eggs.

F. E. Woodard, East Long Meadow, Mass., attended the show on Thursday. Mr. Woodard won best display in both Rose and Single Combs at both the Holyoke, Mass., and Springfield, Mass., shows, in addition to this he has sold many good birds for other big shows. His strain has fine shape and size and being endowed with an even rich red plumage, they are bound to win.

Frank D. Read of Bridgewater, Mass., spent a day at the show. Frank didn't exhibit this year as he had sold all his show birds that he didn't need for his breeding pens. He has had his pens mated up since December 1st in order to be able to supply southern egg customers who hatch in January.

Lester Tompkins was present several evenings and he showed several letters that he had received from customers that he had furnished blue ribbon winners to. He was especially interested in the first prize S. C. Red pen, probably the best ever shown at Boston and was an easy winner in a class of twelve strong pens. Mr.

Parker, the exhibitor of this pen, informed us that they were pure Lester Tompkins' strain. Mr. Tompkins has about completed mating up his breeding pens and incidentally mentioned that he never had such quality to sell eggs from. Mr. Tompkins in talking about the last Garden show and its predecessors, said that during all the years of his showing S. C. Reds at the Garden he never failed to win the best display prize over all competitors by a good margin, and notwithstanding the fact that the last Madison Square Garden Show cooped the best class of Reds ever shown in America, his great string of S. C. Reds won more points than any other competitor and retained the world's championship by winning the association cup for best display, as well as the \$50.00 cup offered by the R. I. Red Club of America for best cock, hen, cockerel, pullet and pen.

E. W. Cunningham, proprietor of Portsmouth Road Poultry Farm, Exeter, N. H., won 1st and 2nd hen. Mr. Bryant went into ecstasies over first hen. Mr. Cunningham's Reds have won the New Hampshire state championship every year, and now that he is breaking in the blue ribbon class at Boston, he is bound to come along.

W. F. Wardell of Fall River, Mass., showed and won a ribbon on a nice pen of Single Combs. Mr. Wardell is one of our oldest breeders of Reds and has bred many winners for Boston and New York shows.

Payne Bros., the Rose Comb specialists of Portland, Conn., made their first exhibit at Boston and captured the blue ribbon for first pen and first cockerel. By winning first pen at this show makes the eighteenth consecutive time that they have captured this award in the last four years. Mr. Bryant stated to us that theirs was the best pen of Rose Combs he ever judged or handled. We are of the opinion that there will be a great demand for eggs from their yards this season and we would advise our friends to order early and avoid the rush.

President Sibley being obliged to attend the meeting of the Rhode Island Red Club, made an entry and although his birds were somewhat over-shown he won several prizes on two cracker-jack hens. Competition in this class was close, there being not much to choose between the first four, but Mr. Sibley's fourth prize hen was darker and smoother in color than any Rose Comb pullet in the show and as she had fine shape and splendid under-color we would rank her among the truly great Rose Comb hens that have been shown.

F. W. C. Almy, proprietor of Red Feather Farms, Tiverton Four Corners, R. I., again won best display on Rose Combs, repeating his success of last year at Boston. His first and second prize cocks were stars of the first magnitude, while the rest of his exhibit was high class, especially one

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.

Winings 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.

unplaced cockerel. We considered this bird one of the best in the class. The seventh hen was also a great one in shape and color. Mr. Almy also breeds Single Combs, but he rarely ever shows them as he says it takes all his spare time to show his Rose Combs.

H. B. Prescott, Derry, N. H., the Orpington specialist, had a nice exhibit in the Orpington classes and he won quite a few ribbons. Mr. Prescott was one of the first to take up the Orpingtons and he has been very successful with them. He is a high class gentleman and it affords us great pleasure to recommend him to our readers. We have met many of his customers in our travels and they all speak well of the treatment they receive at his hands.

Gifford & Warren of East Weymouth, Mass., had in a nice exhibit of Black Orpingtons, winning three firsts and special prize for the best display; also special for best shaped male and female. This enterprising firm has been very successful in winning year after year at the Boston show and breed about as good Black Orpingtons as we know of. Their first prize cock is a good one and they are considering a large offer for him. They will sell eggs from their Boston winners at \$5.00 a setting. We have known Mr. Gifford for years and we can recommend him to our readers with confidence, knowing that he is strictly on the square.

Dune Alpin Poultry Farm, East Hampton, N. Y., scored heavily in both the S. C. White Orpington and S. C. White Leghorn classes, winning four firsts in the former and several specials, including best display. In S. C. White Leghorns they won several valuable specials. In the December issue of the A. P. W., in writing of our visit to "Dune Alpine", we expressed ourselves as strongly of the opinion that their S. C. White Orpingtons and S. C. White Leghorns could win in any company. Since then they have been shown at the Palace, New York, show and now at Boston and their sensational winnings have more than made good my statements as to the magnificent quality of Dune Alpin Poultry Farms' birds, but good as the quality may be, the competition always to be found at a great national show like Boston is so keen as to require the birds to be shown in their best possible condition, and it's here where the skill of Geo. Kerr, manager of Dune Alpin, comes into requisition. He had his charges in perfect condition, their snowy white plumage topped off by their bright red combs, made the entire Dune Alpine exhibit the talk of the show, as one expert breeder and conditioner said, "Kerr is one of the very best conditioners in the business and that's what won out for him at Boston this year. I doff my hat to Geo. Kerr."

Lawrence Jackson Farm, Haysville, Pa., made an entry in Rose Comb White Orpingtons and won five firsts, The R. C. White Orpingtons are bound to come and Lawrence Jackson Farm is on top in this variety.

Skyland Farm, Sterlington, N. Y., again won best display at the Boston show in the S. C. White Leghorn classes, having won the special of all specials at the 1911 show as well. Skylands won best display at Buffalo International in 1910 and 1911, and their sensational win at the last Chicago show, where in competition with the acknowledged leaders of the west, they won three firsts and special for the best display. No other S. C. White Leghorn breeder has shipped their birds such a distance and won so overwhelmingly. Experts agreed that Skyland's exhibit at Boston this year was probably one of the strongest strings of S. C. White Leghorns ever shown at the Hub.

Geo. A. Montgomery of Cambridge, N. Y., made an entry of one cockerel in the S. C. White Leghorn class, but he arrived late and was out of condition. Mr. Montgomery showed a very strong string at the big Chatham, N. Y., Fair, and won every first in a strong and big class.

Rose Court Poultry Yards, West Hampton, Beach, L. I., made an exhibit in a large number of classes and won a great many ribbons, including many blues. They breed all the leading varieties, including Rocks, Reds, Wyandottes, Black Leghorns, Bantams, etc.

A. M. Moody, the Rose Comb Black Minorca specialist of Newburyport,

Mass., won 1st cock, 1st hen, 1st-2nd cockerel, 1st pullet and 1st pen. Mr. Moody breeds good R. C. Black Minorcas.

M. R. Jacobus, Ridgefield, N. J., who had in a nice exhibit of Campines, made a clean sweep except 2nd cockerel, and this bird was raised from eggs sold by Mr. Jacobus and it pleased him thoroughly to have one of his

WRITE FOR MY FREE BOOK
"The Golden Egg"—tells how to get eggs now and all the year—gives facts about my Bone Cutter—unlike others, it makes play of cutting fresh bone, gives you eggs and a paying poultry yard. **HUMPHREY, Buff St. Factory, JOLIET, ILL.**

EGGS

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.**

TURKEYS GEESSE WATERFOWL
All Varieties Poultry—All Standard Varieties. During the past season we have won over seven hundred prizes at the leading shows of the nation, including N. Y. State Fair, Hartford, Conn., Fair; Cleveland, Ohio, and Madison Square Garden. Our famous White China Geese are Champions of the World. Write for catalogue of one of America's largest poultry farms. Eggs for hatching and stock always for sale. **HILLCREST POULTRY FARM, W. P. Masten, Edith L. Masten, Pleasant Valley, Dutchess Co., N. Y.**

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

SPECIAL SALE OF WYANDOTTES AND ROSE COMB REDS

Having decided to breed White Wyandottes only, we offer 8 choice hens, 2 cocks, Buff Wyandottes, 20 choice hens, 2 cocks, Rhode Island Reds. These birds are all select breeders and also include many prize winners. We also have 16 hens, 2 cocks, White Wyandottes from this year's breeding pens for disposal. **J. H. & L. M. SCOTT, R. D. 9-W, AUBURN, N. Y.**

SINGLE COMB RHODE ISLAND REDS

VICTORY STRAIN

My Reds are standard in shape and color, and are heavy layers. My winnings at Bloomsburg demonstrate the show quality of my strain. My first pullet was Perfection in type and color. Send for mating list. Address **C. L. HAWBECKER, BLOOMSBURG, PA.**

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.

Tompkins and Scrantons Reds

SINGLE COMBS EXCLUSIVELY

GEO. W. WHITE, HAMILTON, MD.

MEMBER A. P. A.

BLACK LANGSHANS OF QUALITY

SIXTEEN YEARS WITH LANGSHANS

Send for Catalogue

ELITE POULTRY FARM

WM. BUDDENHAGEN, Prop.

R. F. D. No. 2

SOUTH BROOKLYN, OHIO

egg customers win on a bird hatched from eggs that he sold.

Mr. Jacobus in addition to his Campines, had a beautiful display of Campine eggs that were a great at-

Brooklyn, N. Y., cleaned up things with his White Cochins Bantams, winning all firsts but one, his first prize hen having won the special for best female at Madison Square Garden.

Mr. Reynolds has won more prizes than all competitors this season and is a leader in the Bantam alley.

John S. Martin of Regal White Wyandotte fame, arrived at the Boston Show just in time to give us a renewal for his 1912 advertising in A. P. W. Mr. Martin was real pleased to do this as he stated that "The World" has done splendidly for him, as he makes a large number of sales for high priced birds to inquirers who state that they saw his ad. in AMERICAN POULTRY WORLD. Business is booming in the "Regals", the past season being by far the most profitable in Mr. Martin's history as a breeder.

Frank Davey and Mr. Nickerson were the only representatives from Owen Farms that appeared at the show. Since the Madison Square Garden show, where Owen Farms won such a signal triumph, they have had more than they could do to keep up with the enormous correspondence and business that is coming in. The Garden Show demonstrated at least one important fact and that was that America could cope with England in White Orpingtons. What has been advertised as the best breeder in Eng-

land was over and competed, but not withstanding this, Owen Farms won out. It was England against America and America gallantly upheld by Owen Farms, won the championship of the world in White Orpingtons.

Lloyd M. Hallenbeck, Greendale, N. Y., exhibited a pen of his Buff Brahmas. These fowls are not as yet in the Standard, but that they possess considerable merit was demonstrated at Madison Square Garden, where in the Any Other Variety class Mr. Hallenbeck had the honor to secure first prize.

The Oculum Co., had a busy week. By the way, this company is worth something to any show, for if there is a sick chicken in the show they cure it, and they had plenty to do at Boston, for at the least sign of a swelled head, a cankered throat or a rattle, their Mr. Williams kindly administered Oculum and in every instance the next day found the bird

ORPINGTONS White, Buff and Black. America's greatest laying and exhibition strain. Eggs reduced. Greatest bargains in \$20 breeding pens ever offered. Circular and mating list free.
WM. D. SEIDEL, Box 45, WASHINGTONVILLE, PA.

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.

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.

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

ROSE COMB BROWN LEGHORNS The 1st cockerel at Providence for sale
SEND FOR MATING LIST.

C. H. CLARK, Box W, COBALT, CONN.

SINGLE COMB RHODE ISLAND REDS 1, 2 and 3 year old cocks, from \$3 to \$10. 30 hens (mostly yearlings), from \$1.50 and up. Heavy laying, prize winning stock at bargain prices.

RED ROBE POULTRY-PENS, Dr. W. H. Holmes, 1317 Main Street, EVANSTON, ILL.

America's Best Silver Duckwing and Buff Leghorns
winners at Madison Square Garden since 1898. A choice lot of stock including high class cockerels and pullets for sale. Booking Egg Orders for future delivery. Satisfaction guaranteed.

THOMAS PEER, CALDWELL, N. J.

R. C. R. I. S. C. REDS
At Wellington, December, 1911, in a class of 65 Reds, I won 7 firsts and 7 seconds, grand cash special for **Best 10 Parti-colored birds in show** and **Best Pullet** in American Class. At Lorain, January, 1912, in a class of 97 Reds, I won Special Association Cup for **Best Display of R. C. Reds** and Grand Cash Prize for largest display of Rhode Island Reds, 200 choice exhibition and breeding birds at prices to please you. **EGGS** from choicest prize matings \$5.00, from other exhibition matings \$3.00 per 15. Order direct or write for price list.
E. W. PHILLIPS, Box W, WELLINGTON, OHIO

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. Once 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.



M. C. Richardson, Jr., Front Royal, Va., has been making a reputation as a producer of high-class R. C. Reds, and birds of his breeding have been under the ribbons at a large number of shows this season. The bird depicted above was the star of the class at Hagerstown. Although lacking in maturity prominent Red breeders pronounce him one of the best to date.

traction, and won first prize offered for the largest and best display of eggs not less than ten dozen. He also won 1st, 2nd prizes on the whitest dozen eggs, his Silver Campines laying these prize winning eggs. Mr. Jacobus is making a great push for the Silver Campines, and that he was able to win best display at the Garden against the best that could be produced shows that he has the real goods in Silver Campines.

Sinclair Smith, New York City, made his usual big winning on Indian Runner Ducks. Mr. Smith is one of the leaders in this variety.

Joseph Tolman, Dep. G., Rockland, Mass., was at the show Thursday. The originator and introducer of the modern fresh air open front poultry house was in good spirits. He informed us that he had recently completed a three thousand dollar water system, also having finished his new oat sprouter house, and all for his poultry. Mr. Tolman has such a demand for his Fresh Air Strain of White Plymouth Rocks that he has gradually increased the size of his flock until this season he will have fifteen hundred first class breeders to sell day old chicks and eggs for hatching from. The Tolman plant is a model one in every particular.

Edwin G. Reynolds, 1181 Grand St.,

completely recovered. Oculum is a great boon to poultrydom.

Cyphers Incubator Company, Essex Model, Hall Mammoth, Candee Mammoth, Buckeye Incubator and Prairie State Incubators were all represented by handsome exhibits and their various representatives were busy demonstrating the various good features of their respective favorites, and from the interest manifested and the orders taken there is no doubt but what there is a boom on in the poultry business. The representatives of the Cyphers informed me that they took more orders for new machines at Boston Show this year than ever before. Others said the same thing.

WINNINGS OF A. P. W. ADVERTISERS

BLACK LANGSHAN:—Rose Court Poultry Yards, 1st cock, 6th hen. Paul P. Ives, Guilford, Conn., 2nd-3rd cock, 4th-5th cockerels, 4th pullet.

WHITE LANGSHAN:—Paul P. Ives, 1st cockerel 2nd pullet. Rose Court Poultry Yards, 1st hen.

BARRED PLYMOUTH ROCKS:—Pittsfield Poultry Farm, 4th-5th cock, 2nd-6th hen, 2nd-4th cockerels, 2nd-3rd-4th pullets, 3rd-5th pen. Rose Court Poultry Yards, 5th pullet.

WHITE PLYMOUTH ROCKS:—C. F. Webster, 6th cock, 1st hen. A. C. Hawkins, 1st cockerel, 1st pullet, 1st pen.

BUFF PLYMOUTH ROCKS:—E. H. Lichtenwaller, 4th cock, 4th pullet, 5th pen. Linfield Poultry Farm, 1st cock, 5th hen, 1st-4th-5th cockerel, 3rd pullet, 1st-3rd pen. S. H. Harter, Nescopeck, Pa., 6th cock, 1st-2nd-3rd hen 1st pullet, 4th pen.

PARTRIDGE PLYMOUTH ROCKS:—J. V. R. Bright, 1st cock, 4th hen, 1st-4th cockerels, 1st-2nd pullet.

COLUMBIAN PLYMOUTH ROCKS:—Howard M. Monroe, 2nd-5th cocks, 1st-4th-5th hens, 4th-5th cockerels, 3rd pullet, 2nd-3rd pen.

SILVER WYANDOTTES:—A. & E. Tarbox, 3rd cock, 6th hen, 3rd cockerel, 3rd pullet, 2nd-4th pen. John C. Jodrey, 1st-2nd cock, 4th hen, 4th-5th pullet. Clare E. Hoffman, 3rd hen.

WHITE WYANDOTTES:—Onlya Farm, 1st cock, 1st-2nd pullet, 4th pen. J. W. Andrews, 2nd-4th cock, 3rd hen, 1st-2nd cockerels, 5th pullet, 3rd-4th pen. Wilbur & Wagenblatt, 4th cockerel, 2nd pen.

BUFF WYANDOTTES:—Henry R. Ingalls, 1st-2nd cock, 2nd-3rd hen, 1st cockerel, 1st pen.

PARTRIDGE WYANDOTTES:—Chas H. Wood, 4th cock, 2nd-6th hen, 2nd-4th cockerel, 5th-6th pullet, 3rd pen. Sheffield Farm, 1st cock, 1st-3rd-4th-

5th hens, 1st-3rd cockerels, 1st-3rd pullet, 1st-2nd pen. Edgewood Poultry Farm, 3rd-5th-6th cocks, 5th-6th cockerel, 2nd pullet.

COLUMBIAN WYANDOTTES:—Sunnybrook Farm, 1st hen, 5th pullet. Dr. N. W. Sanborn, 3rd pen.

S. C. RHODE ISLAND REDS:—Old Acres, 3rd cock, 6th hen, 1st-3rd-5th cockerel, 1st-3rd pullet, 2nd-5th pen. White Birch Poultry Farms, 2nd-5th cock, 5th hen. A. S. Bailey, 3rd hen, 3rd cockerel. E. W. Cunningham, 1st-2nd hen.

R. C. RHODE ISLAND REDS:—Old Acres, 4th cock. Payne Bros., 5th cock, 2nd-6th hen, 1st cockerel, 4th-5th pullet, 1st-6th pen. F. W. C. Almy, 1st-2nd cock, 1st hen, 3rd cockerel, 2nd pullet. White Birch Poultry Farm, 5th pen.

SILVER GREY DORKINGS:—M. R. Jacobus, 5th cock, 2nd-3rd cockerel, 4th pullet.

SINGLE COMB BUFF ORPINGTONS:—H. B. Prescott, 3rd-4th hens, 2nd pullet, 5th pen.

S. C. BLACK ORPINGTONS:—H. B. Prescott, 1st-5th pullet, 2nd pen.

S. C. WHITE ORPINGTONS:—Dune Alpin Poultry Farm, 1st cock, 1st-3rd hens, 1st-2nd cockerel, 1st-5th pullet, 3rd pen. H. B. Prescott, 3rd cock, 5th hen, 6th pullet, 2nd pen. A. C. Hawkins, 2nd hen, 1st pen.

R. C. WHITE ORPINGTONS:—Lawrence Jackson Farm, 1st cock, 1st hen, 1st cockerel, 1st pullet, 1st pen. Wm. D. Seigel, 5th hen, 4th cockerel.

ANY VARIETY ORPINGTONS:—Mrs. H. B. Prescott, 3rd cock, 1st hen, 1st pullet.

S. C. BROWN LEGHORN:—A. C. Guernsey, 6th cockerel.

S. C. WHITE LEGHORNS:—Skylands Farm, 2nd-3rd-4th-5th cocks, 2nd-3rd-4th-5th hens, 2nd-5th cockerels, 5th pullet, 2nd-3rd pen. Dune Alpin Poultry Farm, 1st cock, 1st-3rd cockerels, 4th pullet, 1st pen.

R. C. BLACK MINORCA:—A. M. Moody, 1st cock, 1st hen, 1st-2nd cockerel, 1st pullet.

MOTTLED ANCONAS:—Hayward E. Beebe, 2nd cock, 2nd hen, 1st cockerel.

SILVER CAMPINES:—M. R. Jacobus, 1st-2nd-3rd-4th cock, 1st-2nd-3rd-4th hen, 1st-3rd-4th-5th cockerel, 1st-2nd-3rd-4th pullet.

WM. REEPMAYER, COHOES, N. Y.

Wm. Reepmeyer of Cohoes, N. Y., a successful breeder of S. C. Brown Leghorns, made an exhibit at the Brown Leghorn State Club meeting held at the Rochester Show, December 5-9th, and won 1st-2nd hen; 1st and 2nd cock; 3rd and 5th pullet; club cup and 100 special prizes. These winnings were made in a very large class of 145 birds. Mr. Reepmeyer has excellent stock and is in a position to fill orders for exhibition and breeding birds.

GROVE HILL POULTRY YARDS

By J. H. Drevenstedt

(Continued from page 322)

down the line.

We have known Mr. Bright and Mr. Smith many years, and met many of their patrons throughout this big country of ours, but we never heard of a complaint made against them, on the contrary only the most favorable reports of their method of doing business has reached us.

H. E. CHALLIS, S. HADLEY, MASS.

H. E. Challis of South Hadley, Mass., formerly of South Dansville, N. H., again becomes an advertiser with this issue of AMERICAN POULTRY WORLD. Because of moving Mr. Challis did not exhibit this season. Formerly he has been a successful exhibitor of Buff Orpingtons at leading New England shows. In the future he will devote his entire time to the breeding of this variety. He is offering eggs for hatching from eight selected matings, also incubator eggs from selected breeders. Mr. Challis' breeders are the cream of his young stock. He says his last season's matings gave him golden buff birds with red eyes and lobes, solid buff hackles and wings with extra good shape. Intending buyers should write him. Please mention AMERICAN POULTRY WORLD.

A CORRECTION

In the report of the New York Show, Ralph Woodward of Grafton, Mass., failed to receive credit for winning first prize cockerel in the Columbian Wyandotte class. Mr. Woodward won both first and second cockerels as well as several other important prizes.

Announcement has been made in these columns of the purchase by Mr. Woodward of the Columbian Wyandotte business formerly owned by J. P. Keating. The addition of the Keating stock to Mr. Woodward's own stock places him in a position to handle orders for the very best in Columbian Wyandotte stock and eggs. Intending buyers should send to him for his catalogue and other information.

*** Now ready—latest edition of the Plymouth Rock Book. All interested in this variety should send \$1.00 for a copy. Orders promptly filled ***



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.

THE SELECTION AND SHIPPING OF EGGS FOR HATCHING

By W. A. Wolford

[Continued from page 321]

styles, all of which are giving satisfaction; in point of age the basket probably comes first, next the wooden box and last, but not least, the corrugated board or fibre box.

Each season sees the latter growing in favor owing to its convenience, but many of our oldest and most promi-

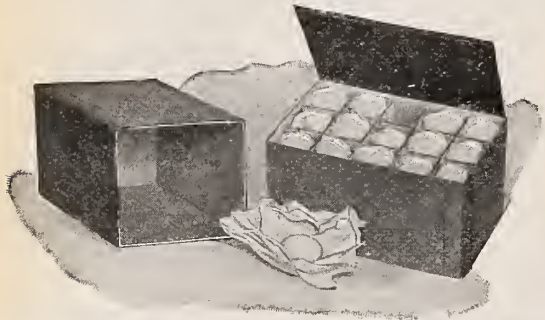


Figure 3.—A popular style of egg shipping box. This is the corrugated paper box and is used very extensively by our leading poultrymen and is proving satisfactory in every particular. Readers who are not familiar with this style box should study the advertising columns.

nent poultrymen still stick to the basket, different sizes of which may be obtained depending upon the number of eggs to be shipped. Given a basket of the size desired the first step is to line the same with a good layer of excelsior, then after wrapping each egg in paper enclose it in a ball of excelsior and place small end down in the basket, exercising care that they are securely packed, after which a liberal layer of excelsior is placed over the top and we are ready for the cover, which usually consists of a piece of strong muslin securely sewed by means of a large needle and strong twine to the top of the basket and drawn very tight. After this is completed a label bearing the inscription, EGGS FOR HATCHING—HANDLE WITH CARE, should be pasted on. This label may or may not bear the shipper's and purchaser's name and address; a regular shipping tag may be provided for this purpose.

The corrugated board boxes like the one illustrated elsewhere in this article are constantly growing in favor, not only on account of their convenience but also on the safety with which high priced eggs may be entrusted to them. These boxes may be had in suitable sizes ranging from one setting, or 15 eggs up to 108. The box being made of corrugated board is said to be a protection against heat or cold and is strong enough to withstand very rough handling. They are divided by fillers into fifteen or more compartments as the case may be, which makes packing very easy. The egg may be well wrapped in paper or first in paper and then in excelsior and placed in a compartment and the operation followed until the box is filled, or the eggs may be wrapped in paper and placed in the compartment and the intervening space filled with

bran, oat hulls, or other light material; an extra piece of the corrugated board is usually furnished to place over the top after the packing is complete and before adjusting the cover. With these boxes a sign of warning describing contents, together with a place for address, is usually printed on the cover, it only being necessary that the shipper put on a paster or tag containing his business card.

In regard to the wooden boxes the method of packing described above will apply here. With those that are supplied with a slide cover, the same may be fastened by inserting a small screw. With other styles of this box it is necessary to nail the cover on.

Now comes the forwarding of the shipment, the only practical means we have at our disposal is the Express Companies. The shipper should inform himself upon this method and insist upon proper routing, thereby saving his customers in charges. He should also drop a card at the time of making shipment advising the customer of the fact that he may be prepared to secure prompt delivery.

We understand that the parcels post is used very extensively in England by poultrymen in forwarding hatching eggs and day-old chicks and that shipments go forward with greater dispatch. If our national legislators are ever able to step from under the influence of the "Magic Wand" held over them by the express monopoly, we may then be able to test the practical value of the parcels post as applied to shipping of eggs for hatching and then enjoy the same conveniences in this direction as our brother poultrymen in the "British Isle".

To the experienced breeder these few words of caution are not necessary as he has long ago learned the methods of packing and shipping that best meets his requirements, and as to the selection of eggs he has evidently pleased his customers or this branch of his business would not be prosperous. There are hundreds of poultrymen—novices, we might call them in the selection of eggs for hatching that may glean a few ideas from this article that will aid them in this direction, and it is to those that our efforts are directed.

In closing let me advise that you use the same care in the selection of eggs that you would require of the other fellow, use care in packing and try to forward shipment on the date promised. If these little details are followed there will be very few complaints.

NEW BOOK ON INCUBATION

Attention is directed to the advertisement in these columns of J. B. Mittel, Big Springs, Texas. Mr. Mittel has written a book on incubation and describes the principles of incubation, how to run an incubator, and the cause of chicks dying in the shell; also how this trouble may be overcome in a very large degree. Mr. Mittel has had 17 years' experience with incubators and

in this book he gives the results of his long experience. Readers who are interested should write him for circular describing same.



ORPINGTONS

We never had half the quality in **BLACKS** we have today. Such bone, such magnificent type, such color. 2nd Boston pen this year hatched out of one sitting of our eggs, by a customer. If you want Nabob-Empress blood this year don't wait. We have ALWAYS been cleaned out early in **BLACKS**. But the supremacy of our **BLACKS** is now conceded by every one.

WHITES—Our blood lines are now fixed. We have blended blood of Champion Cockerel of England, Crystal Palace winning pullet with the longer backed Snow Lady type and blood of 1st Madison Square (2 successive years) cock. This strain is not only winning from Massachusetts 1sts and color specials for whitest bird in the show, but our prices for superlative quality runs about one-third what similar quality costs elsewhere. We have some trios at \$15; pens at \$25, of surprising quality. Our strain is famous for prolificacy. Send for our book, "Bred-to-Lay," it explains all.

BUFFS—Last time shown in Chicago, won 1 cock, 1, 2, 4, 5 pullet; 2 hen; 2, 4 cockerel; cup for best display. We are supreme in **TYPE AND SIZE**. In color we can win western and southern shows for our customers as well as eastern, both shades of color. Our buffs do not become white in summer. Trios as low as \$10; Pens as low as \$15; Show birds at fair prices.

Get our mating list free. Eggs half price till February, Orpington Magazine, 25c. a year; add any 50c. poultry paper and make it 50c.

CHEVIOT FARMS, R. 8, Cincinnati, O.

NOTICE

If you are in the market for good breeders or birds for the Show Room and would like to select them personally, you can do so at no extra expense to yourself, as we will refund your car fare for the **ROUND TRIP** to Columbus if you write at once for particulars.

HARTMAN

STOCK FARM POULTRY YARDS

E. T. JACOBS, Supt.

Box P. W., COLUMBUS, O.

Buff, White and Partridge Wyandottes, B. P. Rocks, S. C. White Leghorns, Cornish Fowls, Black Orpingtons, Andalusians, R. I. Reds, Both Combs, Houdans.

THE BALTIMORE SHOW

By William C. Denny

(Continued from page 324)

entries reminded old time breeders that this grand breed still exists. Anconas are increasing in popularity, the classes at this show being quite well filled.

HOUDANS, LA FLECHE, FAVEROLLES

The French class was quite well represented with 32 Houdans, but the La Fleche numbered out only two entries and the Faverolles numbered just four specimens.

POLISH AND HAMBURGS, CAMPINES

The Polish classes were confined to White Crested Black variety, while the excellent Hamburgs exhibited were the property of the well known Canadian Judge, Richard Oke, who had a walkover with his birds. M. R. Jacobus did the same thing with his Silver Campines, the latter of course being of the very highest class in type and color.

CORNISH FOWL

The greatest exhibit of Dark and White Cornish seen at an American show in many years. It was the annual club show which brought out 183 specimens, among which were the choicest products of American and English Yards, Dartmoor Yards making a remarkable record in winning three firsts in addition to ten other ribbons in the Dark Cornish classes.

BANTAMS

Baltimore is a great Bantam center, and entries at the annual show in the Bantam classes are always large. This year was no exception, as 466 Game and Ornamental Bantams were penned and not only was the quantity good, but also the quality, as many of the best yards in the United States and Canada were represented with rarely fine specimens.

TURKEYS, DUCKS AND GEESE

Turkeys were well represented in the Bronze and Holland classes. Ducks were surprisingly strong in the Pekin division with 52 single entries. Rouens and White Muscovies were also quite well represented, but Indian Runners did not fill as many pens as expected,

only 15 single entries being received. Geese were very small classes.

DISPLAYS

The feature of the show was the fine display pens of fowls and Pheasants, there being twenty-three of these.

COMPARATIVE LIST OF ENTRIES

The total number of entries received at the Baltimore show was 3,528, which includes the poultry, pigeons, pet stock and displays. The total number of specimens competing for prizes in the poultry classes was 2,920 divided as follows:

Plymouth Rocks.....	480
Wyandottes.....	264
Rhode Island Reds.....	281
Orpingtons.....	398
Brahmas.....	31
Cochins.....	12
Langshans.....	113
Leghorns.....	167
Minorcas.....	65
Black Spanish.....	19
Andalusians.....	19
Anconas.....	34
Houdans.....	32
Black Polish.....	29
Hamburgs.....	42
Campines.....	6
Cornish.....	183
Game.....	8
Sumatras.....	26
Any other variety.....	40
Bantams.....	466
Turkeys.....	38
Ducks.....	146
Geese.....	21
Total.....	2920

WINNINGS OF A. P. W. ADVERTISERS

BARRED PLYMOUTH ROCKS—Henry D. Riley, 2 cock, 1 hen, 1 cockerel, 2, 5 pullet, 1 pen.
WHITE PLYMOUTH ROCKS—Rock-

land Farm, 3 cock, 3 hen, 2, 4, 5 cockerel, 2 pullet.
BUFF PLYMOUTH ROCKS—Jeffrey & Hervey, 4, 5 cock, 1, 2 hen, 1, 4, 5 cockerel, 1, 2, 5 pullet, 1 pen. Bal Med Farm 1 pen.
WHITE WYANDOTTES—James J. Farrell, 4 hen, 4 pen.
S. C. RHODE ISLAND REDS—Geo. W. White, 1 cock, 4 hen, 2 cockerel, 3 pullet, 1, 4 pen. Dr. Foster Sudler, 1 pullet, 2 pen.
R. C. RHODE ISLAND REDS—M. C. Richardson, Jr., 5 cock, 2 cockerel, 5 pullet, 5 pen. Frank Harbaugh, 4, 5 cockerel.
S. C. BUFF ORPINGTONS—Pine Rose Poultry Yards, 3 cock, 3 hen.
S. C. BLACK ORPINGTONS—F. E. Gilbert, 1 cock, 2 hen, 3 cockerel, 4 pen.
S. C. WHITE ORPINGTONS—Aldrich Poultry Farm, 1 cock, 1 hen, 1, 2, 3, 4 cockerel, 1, 2, 4, 5 pullet, 1, 2 pen. F. E. Gilbert, 3, 5 cock, 5 hen. Schlaybach & Francis, 2 hen.
S. C. WHITE LEGHORNS—Richland Farms, 4 cock, 2 hen, 3 pullet, 1 pen.
SILVER CAMPINES—M. R. Jacobus, 1 cock, 1 hen, 1 cockerel, 1 pullet.
DARK CORNISH—Dartmoor Yards, 4 cock, 1, 6, 7 hen, 1, 3, 4, 5, 6 cockerel, 2, 3, 4 pullet 1, 4 pen.

SUFFOLK FARMS

Among the attractive displays at the Grand Central Palace Show were several pens of handsome, business appearing Buff Wyandottes exhibited by Suffolk Farms, A. H. Meyers, owner, Lake Ronkonkoma, N. Y. In addition to having established a fine record in the show room at such shows as the Grand Central Palace, Philadelphia, and Savannah, Ga., this strain has made an excellent reputation as winter egg layers. Suffolk Farms become regular advertisers with this issue, and in their advertising they offer some choice stock at reasonable prices. Intending buyers of this variety should send for prices and description, also a copy of mating list. Please mention A. P. W.

"P. R. P. F." SINGLE COMB REDS

We are the largest breeders in New England of S. C. Reds exclusively. Winners at Boston, Portland and Manchester. **State Cup Winners.** Full information given in our free circular.

Portsmouth Road Poultry Farm, E. W. Cunningham, Prop., Exeter, N. H.

ALLEN'S EMPIRE STRAIN COLUMBIAN ROCKS

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.

S. C. ALLEN, R. F. D. No. 5, ORCHARD PARK, N. Y.

DOMINEER WHITE WYANDOTTES

POPULAR IN EVERY STATE. This season at Bloomsburg, Pa., won 9 prizes on 9 entries. Special for Best Cock bird in show. At Mt. Carmel Silver and Quality Show won 6 beautiful Silver Cups. Winning special for Best Cockerel in show, best Pullet in show, best Pen in show, best Bird in show, Highest Scoring Bird in show, Best Display, all varieties, etc. At Lewiston, Pa., won Best Display and the fine, large Silver Cup for Best Bird in whole show. Besides these winnings which have all been made in strong competition I have furnished many of my customers with prize winners. Ten pens have been carefully mated by expert from which I will sell eggs at 10, 20 and 30 cents each. Chicks double the price of eggs. Discount on larger orders. Write early.

J. NEVIN STROUP, Grand Street, MIDDLEBURG, PA.



The World's Greatest Win On Columbian Wyandottes AT THE WORLD'S GREATEST SHOW

At the last Madison Square Garden Show 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 was awarded special for best colored female in the show, thus giving me the Best Columbian Wyandotte in the show, the best Pen in the show, the best male in the show, the best cockerel in the show, the best hen in the show, and the best colored female in the show. This record has never been approached by any breeder of Columbian Wyandottes at Madison Square Garden. I was the only exhibitor to win 2 firsts. This great record, with my former winnings at New York, my cup winners for two years in succession at Allentown, and winning the \$150.00 Challenge Cup at Scranton for 3 years in succession for the best bird in the show, places my strain of Columbian Wyandottes far in the lead. Do you know my great cock "Kloudyke" sired 6 winners at New York, 8 winners at Allentown? He will head the greatest pen of Columbian Wyandottes ever mated this season. You need some of this blood. I have 50 cocks and cockerels for sale from \$3 up that will improve any flock, also hens and pullets. All birds are farm raised and hatched and raised by hens, I use no incubators or brooders. Eggs in season.

HARRY B. MILLER, R. F. D. No. 1, CLARKS SUMMIT, PA.

THE CLEVELAND SHOW

By J. H. Drevenstedt

(Continued from page 325)

by capturing five blue ribbons. It was the great climax of the most successful show season Mr. Riley has ever experienced. His first prize hen has proven herself invincible at all shows this grand old dame was exhibited at during the past season. A close runner up to Mr. Riley was D. M. Covert, who won second cockerel and second pullet with a pair of birds that in color and fine barring were top-notchers.

WYANDOTTES

Wyandottes topped the Plymouth Rocks by just one specimen, the total number of specimens being 331. Silver Wyandottes were not the biggest lot in the class, but they were real good in quality, Ira C. Keller doing his usual stunt in winning the bulk of the blue ribbons with a high grade lot of birds. In Golden Wyandottes Mr. Keller had a walkover, his first prize New York pen being the feature of the class.

White Wyandottes were exceedingly warm classes, the quality of the winners being of the very best, notably first cock, a grand bird in style shape, and headpoints and plumage, with second and third pushing him closely for the honors. Cockerels equally strong, first, second and third being fine in type and color. Hens a fine bunch, the veteran McClave capturing first and second with a most typical pair in shape and which were very sound in color. Pullets also first class, notably the first three winners; type and color being exceptionally good. The pens were also first class, in fact, the White Wyandottes were a credit to breed.

Buff Wyandottes with 36 single and 8 pen entries were of the highest quality throughout, the evenness of color in the winners being very noticeable. Partridge Wyandottes, small classes of good quality.

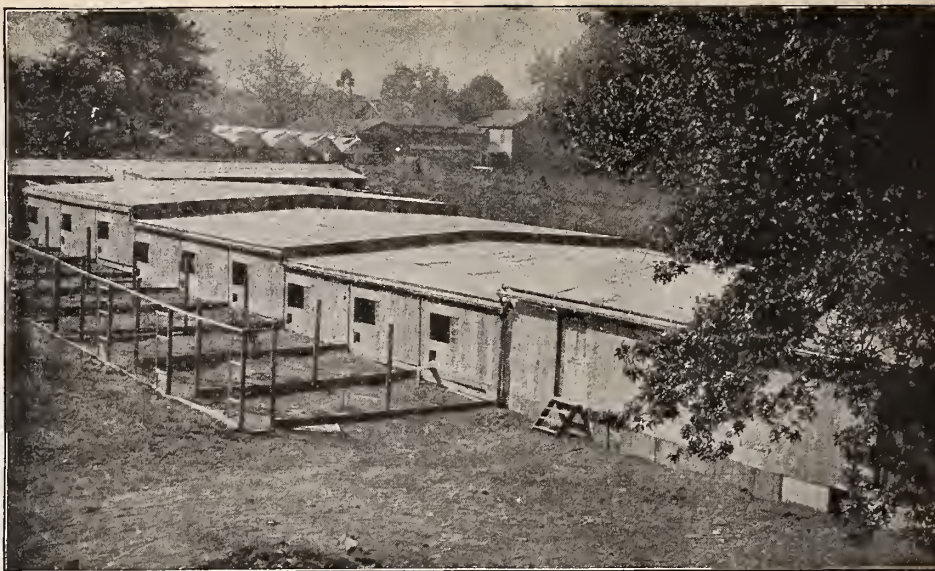
Black Wyandottes made a most excellent showing, in fact, it was the best collection of this variety we have seen this season. Columbian Wyandottes also brought out some excellent specimens in color and type, notably first and second cock, first cockerel, first hen, first pullet and first pen.

RHODE ISLAND REDS

The Reds were strictly a high class lot at Cleveland, notably the single combed variety, which brought many crackerjacks, A. A. Carver making a great record in this class, closely followed by D. M. Covert.

BRAHMAS, LANGSHANS, COCHINS

Brahmas and Cochins, small classes,



IDEAL POULTRY FARM.

One of the breeding houses on Ideal Poultry Farm, College Hill, Cincinnati, Ohio, breeders of White, Buff Black Orpingtons and S. C. Rhode Island Reds. The quality of the stock is attested by a long list of prizes won at many prominent shows.

Langshans well represented with some fine specimens from Elite Poultry Farm.

LEGHORNS

Like at the majority of other shows this season, the Leghorn classes were

led by the popular Single Comb White variety, and the quality of the Whites at Cleveland was first class, P. R. Pfouts and Oak Poultry Yards being among the successful winners in these classes. Brown Leghorns, small

FRASIER'S BUFF ROCKS DAY OLD CHICKS
EGGS FOR HATCHING
Eggs, \$3, \$5 per sitting. Free mating list. Express paid on all orders of \$5 or over.
F. S. FRASIER, 46 Waldo St., BROCKTON, MASS.

FARRELL'S WHITE WYANDOTTES
Stock farm raised. Vigorous and healthy. Choice cockerels and pullets for breeders, \$3 to \$5.
Eggs, \$2, \$3 and \$5.
J. J. FARRELL, HALETHORPE, MD.

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.

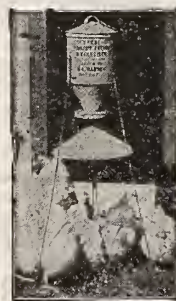
GEORGE B. FERRIS, 558 No. Union, GRAND RAPIDS, MICH.

\$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.

H. E. & C. S. BARNES, 86 King Ave., Columbus, O.



Sold as low as \$1.75



Successors to H. E. Barnes, Brink Haven, Ohio 20th Century Dry Mash Feeder

COLUMBIAN WYANDOTTES

New York and Boston winners. At the Great International Show, Buffalo, N. Y., the last two years, our birds have won more first prizes and specials than all competitors combined. We have won first pen, four years in succession. Is not this proof of their quality? We have an exceptionally fine lot of youngsters this season—clean white bodies, with matchless hackles and laced tail coverts. We also have some grand breeders. We will mate you a trio or pen that will start you right at prices that will surprise you. We raise our own show birds and can furnish winners or birds that will produce them. Our illustrated catalog free with complete list of winnings for the last three years.

HILLHURST FARM, J. B. Casterline, Mgr., Poultry Dept. W, ORCHARD PARK, N. Y.

classes, but Buffs showed up much stronger.

MINORCAS, ANCONAS

Minorcas, very small classes; Anconas strong classes of good quality throughout.

ORPINGTONS

The banner classes at the show were the Orpingtons with 411 specimens in line. It was some task for Judge Oke to handle these warm classes in the uncertain light that prevailed at the Armory, but he did his work with care and good judgment.

The Buffs were numerous and good; the Blacks almost as numerous and equally strong in quality.

The Whites made up the star classes, the latter being unusually well filled with specimens of superior quality, Aldrich Poultry Farm again making a record with their fine string of birds, capturing every blue ribbon in sight, in addition to many other prizes.

POLISH, HAMBURGS, BANTAMS

Polish and Hamburgs, small classes, competition being conspicuous by its absence.

Bantams very small classes with no competition in any of them.

TURKEYS, DUCKS AND GEESE

Turkeys, small entries, Ducks quite strong in the Indian Runner classes, Chas. McClave scooping about all the leading prizes in Turkeys and Ducks, and the veteran breeder did about the same with his fine string of Geese.

COMPARATIVE LIST OF ENTRIES

The total number of specimens exhibited in competition in the poultry department was 2,030, divided among the different varieties as follows:

Plymouth Rocks.....	330
Wyandottes	331
Javas	5
Rhode Island Reds.....	197
Brahmas	24
Cochins	23
Langshans	22
Leghorns	206
Minorcas	31
Andalusians	67

Anconas	63
Orpingtons	411
Polish	26
Hamburgs	41
Any Other Variety.....	69
Bantams	43
Turkeys	16
Ducks	99
Geese	26

Total.....2030

WINNINGS OF A. P. W. ADVERTISERS

BARRED PLYMOUTH ROCKS:—D. M. Covert, 3 cock, 3 hen, 2 cockerel, 2 pullet, 2 pen. H. D. Riley, 1 cock, 1, 2 hen, 1, 3 cockerel, 1 pullet, 1 pen.

WHITE PLYMOUTH ROCKS:—C. F. Webster, 4, 5 cock, 1 hen, 4 cockerel, 1 pullet, 1 pen. Lyman H. Hill, 1 cock, 1 cockerel, 3 pullet, 3 pen. A. L. Russell, 4 hen, 5 cockerel.

BUFF PLYMOUTH ROCKS:—E. H. Lichtenwaller, 1 cock, 1 hen, 1, 4 cockerel, 1, 2 pullet, 1 pen.

SILVER WYANDOTTES:—Ira C. Keller, 3 cock, 1, 2 hen, 1, 2 cockerel, 1, 5 pullet, 1 pen.

GOLDEN WYANDOTTES:—Ira C. Keller, 1, 2 cock, 1, 2 hen, 1 cockerel, 1, 2 pullet, 1 pen.

WHITE WYANDOTTES:—A. E. Gilbert, 5 cock, 1 pullet. A. M. Stewart, 1 cock. Chas. McClave, 1, 2 hen, 2, 5 cockerel, 2, 3 pullet, 2 pen. F. M. Eakin, 3, 4 cockerel, 5 pullet, 3 pen.

BUFF WYANDOTTES:—Gerald Williams, 4 cockerel, 5 pen.

S. C. RHODE ISLAND REDS:—D. M. Covert, 1 cock, 2 hen. Geo. L. Buell, 3, 5 cock, 4 hen, 5 cockerel, 3 pen. A. A. Carver, 1 hen, 1 cockerel, 1 pullet. DeForest H. Dean, 4 cockerel, 5 pullet.

BLACK LANGSHANS:—Elite Poultry Farm, 1, 2, 3, 4 cock, 1, 2, 3, 4 hen, 1, 3, 4 cockerel, 1, 2, 3, 4 pullet, 1 pen.

S. C. WHITE LEGHORNS:—Oak Poultry Yards, 5 hen, 4 cockerel. P. R. Pfouts, 1, 3 hen.

S. C. BUFF LEGHORNS:—R. K. Hatton, 2 hen, 3 cockerel.

S. C. ANCONAS:—H. E. Beebe, 4 cock, 1 cockerel.

R. C. ANCONAS:—H. E. Beebe, 4 pullet.

S. C. BUFF ORPINGTONS:—C. N. Darst, 5 pullet.

BLACK ORPINGTONS:—J. H. Busch, 4 cock, 2, 5 hen, 4 pullet, 4 pen. D. M. Covert, 3 hen, 2 pen.

S. C. WHITE ORPINGTONS:—Aldrich Poultry Farm, 1, 2 cock, 1, 2 hen, 1, 3, 4 cockerel, 1, 2 pullet, 1 pen.

BLACK COCHIN BANTAMS:—J. H. Busch, 1 cock, 1 hen.

BRONZE TURKEYS:—Chas. McClave, 1 cock, 1 cockerel.

NARRAGANSETTS:—Chas. McClave, 1 cock, 1 cockerel, 1 pullet.

BOURBON RED TURKEYS:—Chas. McClave, 1 pullet, 1 cockerel.

SLATE TURKEYS:—Chas. McClave, 1 cockerel, 1 pullet.

BLACK TURKEYS:—Chas. McClave, 1 cock.

WILD TURKEYS:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

WHITE PEKIN DUCKS:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

COLORED ROUEN DUCKS:—Chas. McClave, 2, 3 cock, 1, 3 hen, 1, 2 cockerel, 1, 2 pullet.

GRAY CALL DUCKS:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

WHITE CALL DUCKS:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

COLORED MUSCOVY DUCKS:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

WHITE MUSCOVY DUCKS:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

INDIAN RUNNER DUCKS:—Chas. McClave, 2, 4 cock, 2 hen, 2, 5 cockerel, 2, 4 pullet.

WHITE INDIAN RUNNERS:—Chas. McClave, 1 cock, 2 hen, 2 cockerel, 2, 3 pullet. P. R. Pfouts, 3 cockerel, 4 pullet.

GRAY TOULOUSE GEESE:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

GRAY AFRICAN GEESE:—Chas. McClave, 1 cock, 1 hen, 1 cockerel, 1 pullet.

BROWN CHINESE GEESE:—Chas. McClave, 2 cock, 2 hen, 2 cockerel, 2 pullet.

WHITE CHINESE GEESE:—Chas. McClave, 1 cock, 1 hen, 2 cockerel, 2 pullet.

—————o—————

HAMBURG CLUB OF OHIO FORMED

At a meeting of the Hamburg breeders held at Memorial Hall, Toledo, O., Friday, Jan. 12th., the State Hamburg Club was organized with the following officers: President, Nelson Frank, Akron, Ohio; Sec. & Treas., Ira Farber, Sandville, O., with R. D. Sly, West Clarkfield, Ohio, and Edw. C. Anderson, Toledo, Ohio, members of the executive board. The next meeting of the club will be held at Toledo the second week in Jan., 1913. The exhibit of Hamburgs at Toledo this year was a very nice one, there being 84 Hamburgs in the class; the largest class of Hamburgs shown between New York and Chicago. The Hamburg breeders of the state intend to make it at least 200 next year. The show was a success in every way and the Tri-State Club hopes for even greater success next year. The premium list was one of the most liberal and best in the middle west.

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.

THE HAMILTON, OHIO, SHOW

The Hamilton Poultry and Pet Stock Association succeeded beyond their most sanguine expectations in holding one of the most successful exhibitions ever held in this part of the country. The dates were Nov. 28th. to Dec. 3, 1911, and in point of entries it was probably the largest ever held in the state. In the number and value of silver cups competed for, few if any exhibitions have ever equaled this one. The members of the association are to be congratulated upon their efforts to give Ohio fanciers one of the classiest poultry exhibitions ever held in the Buckeye state.

The classes were all well filled and the competition was exceedingly close; this was especially so in the Rock, Wyandotte, Orpington, R. I. Reds and Leghorn classes. Sheffield Farms, Glendale, Ohio, made an interesting exhibit of Partridge Wyandottes and carried off most of the ribbons, besides winning the "Pure Gold" \$100.00 sweepstake cup for one variety of parti-colored fowls.

The Ideal Poultry Farm, College Hill, Cincinnati, Ohio, won the \$100 sweepstake cup for best display of any one variety black fowls; also \$10.00 cup for first cock, Buff Orpington \$15.00 cup for best cockerel, Buff Orpington \$10.00 cup for first pullet same variety, \$25.00 silver cup for best pen, Black Orpington \$15.00 for first cockerel and \$5.00 cup for first pullet.

A fine exhibit of R. C. Black Minorcas was made by G. A. Clark, Seymour, Ind. Mr. Clark won five cups as follows: \$25.00 cup for first pen and a \$10.00 cup on each cock, hen, cockerel and pullet.

The first prize pen of White Orpingtons went to D. W. Goodell, Fredericktown, Ohio, who also captured a \$50.00 cup with this pen and a \$10.00 cup on first hen.

This is only a partial list of the winners at this great cup show, where the total value of cups competed for closely approximated \$2,500.00. The above list goes to show that A. P. W. advertisers have the quality and are able to corral their share of the prizes in almost any competition.

Outside of the regular poultry classes, Bantams made up a very attractive exhibit, as also did Waterfowl, the competition in some classes of the latter being very keen.

The members of the Hamilton Fanciers' Association certainly dem-

onstrated that they are men of enterprise and the success of the exhibition is due to their mutual co-operation, each individual placing his shoulder to the wheel and doing his share. The citizens of Hamilton also deserve a word of praise for the support given the association, and their generosity made it possible for Hamilton to offer one of the largest lists of cups ever competed for at a poultry exhibition.

The Hamilton boys are workers and they have our best wishes for the future success of the association.

THE WATERTOWN, N. Y., SHOW

During my career as a representative of the poultry press I have attended many poultry exhibitions both large and small in all parts of the country, but I never saw as an attractively arranged exhibition as the second annual show held Jan. 23-26, by the Black River Valley Poultry and Pet Stock Association at Watertown, N. Y.

The exhibition was held in the State Armory and the spacious drill room in which the birds were caged was tastily decorated with flags, bunting and potted plants. At the end of each tier of coops was placed a small evergreen tree, giving the whole a most attractive appearance; it being the handsomest exhibition of its kind I ever attended. The cooping was in charge of Wm. Smith of Spratt's Patent, a thing alone that insures quality in this respect.

The entries in the poultry department numbered 1,162, besides there

was a cat and a dog show held in connection. The attendance averaged about 2,000 daily, altogether I think it one of the most successful exhibitions of its kind I ever attended. The

PARTRIDGE ROCKS

ALSO COLUMBIAN, SILVER PENCILED and BARRED of high-class. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Box W, Charlotte, Mich.



PRESIDENT, First Prize Cock, St. Louis

ROSE COMB MINORCAS

First Prize Winners New York, Chicago, St. Louis and elsewhere. Exhibition birds for any show. Breeding stock of great laying qualities, trap-nest bred for egg production. Eggs for hatching in any quantity, guaranteed. Catalogue free.

G. A. CLARK, SEYMOUR, IND.

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,

PATASKALA, OHIO

"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.

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.

BREED'S SINGLE COMB Black Leghorns

Day-Old Chicks

Stock

Eggs for Hatching

INDISPUTABLE EVIDENCE

In our new testimonial sheet, **proves** that our fowls as layers are without a rival. No other breed, no other strain, equals **Breed's Black Leghorns**. May we show you? **Write us.**

We returned hundreds of dollars for orders we could not fill last season, Order now, get our discount for early orders, and be sure of getting deliveries when wanted. Winners at Madison Square Garden, 1910 and 1911. Write us now, and become identified as a breeder of the biggest payers in the Leghorn family.

VALLEY VIEW POULTRY FARM, R. No. 1, Box 59, CINCINNATUS, N. Y.

officers and members were courteous in their attention to exhibitors and visitors alike.

The New York State College of Agriculture, Department of Poultry Husbandry, had an exhibit of poultry appliances that attracted much attention and the attendants were kept busy describing these and answering the numerous questions of the many visitors. In addition to this, Prof. Rice and his assistant gave two lectures daily on topics relating to poultry culture. These were well attended and much enthusiasm was shown.

The awards were well placed by Fred Huylar, Peapack, N. J., and Wm. J. Stanton, New York. The classes were all well filled and quality was of the best. The Black Orpingtons brought out the largest class with 76 individual specimens, the Barred Rocks crowding them closely, with but one less; White Wyandottes, R. C. and S. C. Reds, White and Buff Orpingtons and S. C. White Leghorns also being well represented.

The exhibition was one that other associations can well pattern after, and we hope to see more of this class in the future. H. L. Kay.

SCRANTON, PA., SHOW REPORT

The seventh annual Quality Poultry Show held at Scranton, Pa., Jan. 15-20, was one of the most successful poultry shows ever held by the Association, with over 2000 exhibits.

There was hardly any one point of excellence in the show for all of the Standard breeds were well represented with the Rose Comb Black Minorcas predominating and closely followed by R. I. Reds, White Plymouth Rocks, White and Black Orpingtons, White and Silver Laced Wyandottes. One thing noticeable about this year's show which indicates plainly that local breeders are keeping an eye to windward, is the showing made by the Silver Buttercups. The showing of Bantams was one of the best in years in both Ornamental and Game. The Pennsylvania State Branch of the American Poultry Association held its annual meeting in connection with the show and elected the following officers: President, W. Theo. Wittman, Allentown, Pa.; vice-president, Prof. Homer Jackson, State College, Pa.; secretary, J. D. Koons, Treichlers, Pa.

The International Rose Comb Black Minorca Club held their annual meeting in connection with the Poultry show. The following officers were elected: President, C. E. Tobey, Scranton, Pa.; vice-president, A. M. Moody, Newberryport, Mass.; secretary and treasurer, L. C. Mishler, North Manchester, Ind.

The history of the Scranton Poultry, Pigeon and Pet Stock Association is one of expansion, growing better and better year after year. The following are the officers: President, Wm. H. Hagen; 1st vice-president, T. F. McGrew; 2nd vice-president, A. W. Close, secretary, O. W. Payne; treasurer, C. E. Tobey. Directors: T. O. Megargee, W. L. Weddigan, Thomas Brown, H. T. Atherton, E. C. Ricker and R. E. Weeks.

Henry S. Wagner.

TRI-STATE SHOW

The first annual exhibition of the above association held Jan. 22-27, in the new Braunlich building, Wheeling, W. Va., was a decided success. There were fifteen hundred entries, the quality of which was excellent. The awards were placed by Judges Pierce

and Weaver and were very satisfactory, not one complaint was heard by the writer. The association has experienced considerable trouble in securing a building in which there was sufficient room to coop a show of this size. They have now succeeded in leasing the new Auditorium for a term of five years and will hold a show during the same week in January for that period. This new hall has ample floor space to properly coop 2,500 birds. The premiums were all paid in full on Thursday, which shows the enterprising way in which this show is conducted.

A banquet was given to the exhibitors and many expressions of the good fellowship that prevailed were echoed afterward. I was much pleased with the treatment accorded me by each individual connected with the association and wish to thank them for the many courtesies extended. C. E. Kearns.

WASHINGTON (D. C.) SHOW

The Washington Show was held in Old Masonic Hall, January 16 to 19, and proved to be a success. Spratt's did the cooping and feeding in the most efficient manner.

President George E. Howard, Secretary William C. Gray and Treasurer Ed. S. Schmidt looked after the exhibitors' interests most satisfactorily.

H. M. Lamon and A. C. Warner placed the ribbons.

The attendance was large, notwithstanding the bad weather. The popular classes were those of the Orpingtons, Wyandottes, Plymouth Rocks and Rhode Island Reds. Thos. J. Gallagher.

Silver Wyandottes of Quality Our first hen and fifth pullet at Madison Square Garden, December, 1911, were birds of marvelous lacing and color. Our fifth hen and fourth pen at Chicago were models of shape. 25 choice exhibition pullets, the kind that make you wonder where they got their color, at \$5.00 to \$10.00; 50 big, lusty breeding cockerels at \$2.00 to \$3.00.

CLARE E. HOFFMAN,

SOUTH SIDE, ALLEGAN, MICHIGAN

BURGER'S WHITE ORPINGTONS

won majority of 1st and 2nd prizes at big Mansfield Show. Our wonderful White Orpington Cock and Cockerel were the talk of the show. Do you want eggs from these two birds? Can supply them.

BURGER & BURGER

ORVILLE, OHIO



ONDAWA FARM WHITE LEGHORNS WIN PRIZES AND LAYS EGGS

I have left a few cockerels of superior quality which must go within the next 30 days. If you need a good breeder to improve the laying qualities of your flock, or a choice exhibition specimen to exhibit at your show, it will be to your interest to take advantage of this opportunity and secure one or more of these excellent birds at CUT DOWN BARGAIN PRICES. I guarantee every bird to be entirely satisfactory or it may be returned AT MY EXPENSE and I will refund your money immediately. I have pleased hundreds; Why not you? May I send you my catalog and descriptive price list? Address

LEWIS T. McLEAN, ONDAWA FARM SHUSHAN, N. Y.
Box 60

Member of the National S. C. White Leghorn Club.

Wye Brook Farm S. C. Reds

The World's Leading Exhibition and Utility Farm

We breed for color and stamina and produce birds that win anywhere. At Madison Square Garden's last show in the greatest class of Reds ever brought together, we won 1st Cock, Shape and Color, 2nd Cockerel, 4th and 5th Hen. We have fifty fine Cockerels sired by 1st Cock at New York for sale. Eggs from best pens \$10.00 per setting. Address

WYE BROOK FARM,

C. H. Whitney, Prop.

LOUDONVILLE, N. Y.

BRADY'S WHITE ORPINGTON FARM

BY WM. C. DENNY

In the fall of 1911 we had the pleasure of visiting J. S. Brady's White Orpington Farm at Parker's Landing, Pa., and inspecting his large and well kept poultry plant.

It is here we found some of the choicest White Orpingtons it has been our privilege to examine, notably great being the females, large, massive birds of excellent type and snowy white plumage.

We first met Mr. Brady at the Pittsburgh show a few years ago, where he had on exhibition a remarkable pullet, which he has since named "Lady of Quality".



WHITE ORPINGTON HEN "LADY OF QUALITY."

One of the most remarkable White Orpington females ever exhibited, winning five firsts in 1910 as a pullet, also winning first as hen at Cleveland, Ohio; Pittsburgh, Pa.; Nashville, Tenn.; Williamsport, Pa.; and New Castle, Pa., in 1911. This famous hen was bred and exhibited by J. S. Brady, proprietor of the White Orpington Farm, Parker's Landing, Pa. Mr. Brady states, leading judges who have handled "Lady of Quality", pronounced her to be the best hen in America.

Quality". This wonderful hen has won first prize wherever shown. She also received score of 96¾ at the New Castle Show in 1911, probably the highest number of points ever scored by a White Orpington male or female.

J. S. Brady, who is a gentleman of wealth, but not of leisure, having been born on a farm in Pennsylvania and cultivated an early fondness for thoroughbred stock, operated the River Valley Stock Farm, at Warren, Ohio, where some of the best trotting and draft horses were bred in large numbers. Scientific breeding was a hobby with Mr. Brady, and when he started his now famous White Orpington Farm at Parker's Landing, Pa., about five years ago, this extensive knowledge of breeding and feeding was used to excellent advantage with his White Orpingtons.

The selection of the proper breeding stock was the first and most important step in building up his strain of White Orpingtons. The best blood that money could purchase was obtained from the leading breeders of the United States and numerous importations of White Orpingtons from England's most famous yards were

received by Mr. Brady.

The success Mr. Brady has met with at our leading shows, speaks eloquently for his skill as a breeder of Orpingtons that are such in size, shape and color, and not in name only.

Business at the White Orpington Farm has been excellent during the past year, Mr. Brady reporting his egg and stock sales in March, 1911, to be twenty-one hundred dollars. In seven months from October 1, 1910, to May 1, 1911, his sales amounted to \$7,000.00, an average of \$1,000.00 per month.

Common sense methods in housing and feeding fowls and chickens prevail at the White Orpington Farm, and the wonderful stamina and great size of the stock is evidence of the correctness of Mr. Brady's system of raising poultry.

But, busy as Mr. Brady is with his large business interest, he finds time enough to devote a personal supervision over his live stock. Being an enthusiastic admirer of thoroughbred animals, there is nothing to good for those on his farm, and this explains the success he has obtained in breeding only the best and exhibiting the latter to the most favorable ad-

vantage. The magnificent line of White Orpington pullets and hens bred and exhibited by Mr. Brady, prove him to be a master in the art of breeding female Orpingtons superior to many and second to none in this country.

Visitors to White Orpington Farm will find Mr. Brady a genial and interesting gentleman, who not only "delivers the goods", but has them to deliver.

"SUPERIOR"

Columbian Wyandottes

Make Another Great Winning

Ohio State Show, Columbus, Jan. 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.

M. B. SHAW, Box 132, CARDINGTON, OHIO



HUMPHREY'S S. C. WHITE LEGHORNS

Win at Madison Square Garden, Boston, New York State Fair, and Cleveland, Ohio. Young stock for sale, also 1st and 2nd cock at State Fair this fall.

H. E. HUMPHREY,

18 Cottage Street,

GREENWICH, N. Y.

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. A few breeding cockerels left for sale. Eggs for hatching. Send for Mating List.

E. M. DUTTON,

NEWFANE, N. Y.

MAPLELAWN POULTRY YARDS

S. C. WHITE ORPINGTONS

Our winnings of 2nd and 5th cockerels, 2nd and 3rd cocks and 3rd and 4th hens at Minneapolis, Jan. 1912, demonstrate the quality of our birds. They have the blood lines behind them to breed winners for you. Stock for sale at reasonable prices. Eggs \$3.00, \$5.00 and \$7.00 per setting.

MAPLELAWN POULTRY YARDS,

ALMA CENTER, WIS.

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

HERE IS MORE EVIDENCE

TO SHOW THAT

Loyd's Prize-Winning Partridge Rocks ARE CORRECTLY NAMED

At the *Cincinnati Show*, Jan. 8th to 13th 1912, in a *strong class*, we won 1-3-4-5 *cock*, 1-2-3-4-5 *hen*, 2-3-4 *cockerel*, 2-3-5 *pullet* and *first pen*. This in addition to our former *Big Winnings*, including the *Indiana State Fair 1910*, the *Great Chicago Show 1910* and *Indianapolis Quality Show 1911* certainly goes to prove that we have *Partridge Rocks of Quality*. We are now booking orders for eggs. Our 1912 Mating List is now in the printers hands. It will be ready to mail January 25th. Stock for sale. Baby chicks after March 1st.

C. J. LOYD & SON,

GREENSBURG, IND.

Samuel J. Hopper, Dallas, Texas, 1st vice-president of the A. P. A., gives the following reasons why every poultry breeder should join the American Poultry Association:

Because, you not only owe it to the Association, but to yourself.

Because, originally a hen laid 30 eggs annually, now some lay 200. The A. P. A. is at least indirectly responsible.

Because, it is poultry culture's mouth piece. To it we must look for redress from all our wrongs. To it we must expect those things that promote our well being.

Because, organization of force is the foundation of success in social, civic or business life.

Because, you want to carry your end of the pole. Those behind the A. P. A. are no more interested than you should be, get no more out of it than you can.

Because, it is the only organization that can stamp out the things that ought not to exist, and "boost" the things that ought.

Because, \$5.00 of your \$10.00 comes back to your Branch and will gradually build up a fund that will enable your State Branch to really do something for poultry culture.

SALE OF LEGHORNS TO JAPAN

That the Sunnyside strain of White Leghorns enjoys an international reputation is evidenced by the fact that G. L. Wheeler has just received an order from the Japanese Government for five pens of this noted strain. These will be shipped at once to San Francisco, and from there to Japan direct.

These birds were personally inspected by representatives of the Japanese Government, and the order was obtained after several poultry plants had been inspected.

The selection of the Sunnyside strain for this purpose is very gratifying to Mr. Wheeler, and while deservedly so, it shows that careful attention to breeding as to quality and laying abilities of his strain will in the end make for success.

It would be worth while to anyone contemplating White Leghorns to inspect Mr. Wheeler's plant, which is up-to-date in every respect.

WHYLAND'S COLUMBIAN ROCKS

The Columbian Plymouth Rocks are on the boom and their popularity is rapidly increasing. Among the first to take up this variety was A. A. Whyland, Chatham, N. Y., and that he is producing birds of quality is attested by his show record during the past year. He made three exhibits, viz: the Chatham Fair, Great Barrington, Vt., and the Albany, N. Y., and won a total of 15 firsts, 12 seconds, ten thirds and three fourths, also several cups and specials. He reports that orders are coming in fast and advises that those who wish to secure eggs for hatching, book their orders early and avoid the disappointment. He issues a fine mating list and will be pleased to send it upon application if A. P. W. is mentioned.

J. H. SCOTT, AUBURN, N. Y.

We are advised by J. H. Scott, Auburn, N. Y., breeder of White, Buff and Partridge Wyandottes and R. C. R. I. Reds, that he was very successful at the recent poultry exhibition held in

Auburn. He won a total of nine firsts, two seconds, three thirds, two fourths and two fifths.

Mr. Scott also breeds White Holland Turkeys and Indian Runner Ducks, and was awarded best display on the former and won three firsts, and one second on the latter.

Mr. Scott's birds are all farm raised and have practically free range, therefore they possess the health and vigor that is so important if one is to succeed in poultry raising. He has some fine stock for sale and will be pleased to quote prices to interested parties. Orders are also being booked for eggs for hatching. Look up his ad. and write your wants.

"ROYAL RED"

Royal Red Strain of S. C. Rhode Island Reds, bred by F. E. Harrison, Menominee, Mich., made a clean sweep at the Wisconsin State Show, winning 1-3-5 cocks, 1-2-5 cockerels, 1-2-3-5 hen, 1-2-3-4-5 pullet, 1-3-5 pen; gold special for highest scoring parti-colored pen in show, A. P. A. diploma for best cockerel, gold special for best display and all shape and color specials. Mr. Harrison's mating list will be ready for mailing Feb. 10th and can be had on request, if you mention A. P. W. See his ad in this issue.

OWEN FARMS

In their advertising in this issue, Owen Farms announce that their catalogue and mating list for 1912 is ready for mailing. It is an interesting book containing 132 pages, showing illustrations of numerous winners of the different varieties bred on this famous establishment and information con-

cerning the personnel of the experienced poultrymen who are connected, a description of their matings, business methods, and other interesting and valuable information. Owen Farms prepay express charges on all original orders for eggs for hatching. Every person interested in the varieties bred (see their advertisement elsewhere in this issue for list) should send for a copy, which can be had on request by mentioning AMERICAN POULTRY WORLD.

PARTRIDGE ROCKS

We are advised by W. O. Lyle, Gnadenuhthen, Ohio, breeder of Erin Strain of Partridge Plymouth Rocks, that at the poultry exhibition held during January at Pittsburgh, that he won 1, 3, 4, 5 cockerel; 1, 2 hen; 1, 2 pullet, a total of eight ribbons on eight entries. This speaks volumes for the Erin Strain of Partridge Plymouth Rocks, and breeders interested in this variety should not overlook Mr. Lyle in selecting breeders with which to place their orders. His advertisement will be found in another column in this issue. It can be located by referring to the index.

A. B. McHENRY

A. B. McHenry, Stillwater, Pa., breeder of Rose Comb Rhode Island Reds, made four entries at the Scranton, Pa., Show, and won first and fifth cockerel and fifth cock in a large class. His winning cockerel also won special. Mr. McHenry has published an attractive booklet describing his matings and stock that he will be pleased to send to interested readers. In writing him, please mention AMERICAN POULTRY WORLD.

Woodworth's S. C. Black Orpingtons

Are Ohio's best. Good young stock at attractive prices.

Write for hatchable eggs.

Dr. W. H. Woodworth,

Box W,

Delaware, Ohio

Vermont's Famous White Wyandottes

It is time to book your orders for eggs from "Vermont's Best." A few more of those fine cockerels still for sale. Prices reasonable.

George M. Beecher,

Box 125,

West Pawlet, Vt.

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,

ELKINS, W. VA.

S. E. TIFFNEY, Prop.

What Better Blood Lines Can You Get?

What you sow that also shall you reap. Kellerstrass White Orpingtons Duston White Wyandottes Oakland White Leghorns

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.

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.

AN HOUR WITH BOB ESSEX

The New Essex-Model, Mission-Finish, Middle-Price Incubator A Great Success

Buffalo, N. Y., is the great incubator manufacturing center of the United States, if not the world. Thousands of hatching and brooding machines are turned out annually in the "Queen City of the Lakes", and among the firms located there, the Robert Essex Incubator Company enjoys an enviable reputation for the high class of its goods, and it's sound business methods.

Perhaps we might add, it also owes much of its success to the president of the company "Bob" Essex whose popularity among the poultrymen of the United States and Canada is well established. We dropped in on "Bob" Essex one afternoon last month, and found him busy testing some of the incubators in a specially constructed trial chamber.

"You see, every incubator is carefully tested under all sorts of temperature variation, before we consider it ready to send out," Mr. Essex explained to us. In answer to our question, how he came to take up the poultry business and finally become the head of a great incubator company, Mr. Essex replied: "I was interested in poultry when a boy, and when I left England on my twenty-first birthday, I took up poultry raising on a small scale at first, but gradually became more interested in poultry culture, so that I began to contribute to poultry papers, being a regular contributor to the Reliable Poultry Journal from 1896 to 1899, when I moved to Quincy, and became officially connected with this publication. In 1904 I was called to Buffalo to accept a responsible position with the Cyphers Incubator Co., remaining with the latter until 1910, when I started in business for myself by buying out the Model Incubator Company, and here I am doing business every minute."

"How did you find business the first year of your new venture, and how has it developed since?"

"The business was good the first year," replied Mr. Essex, and continued "but it more than doubled last year, the greatest increase being in the month of November, which amounted to 415 per cent."

Well, that certainly is 'going some', to say the least, and what are the prospects for the coming year?"

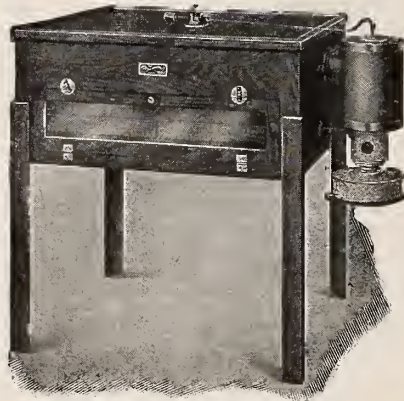
"Bob" Essex is naturally conservative, so when he thought the outlook for a good trade in his line was "most promising", we concluded that the Robert Essex Incubator Company will do a much greater business in 1912 than ever before.

Mr. Essex attributes the great increase in the volume of the business done to his latest pattern in incubators, viz: "The Mission-Finish Middle Price".

Some years ago Mr. Essex decided that while there was a demand for first-class hatchers, that demand would be much greater if such a machine could be produced at a price within the reach of everybody—for the high-class incubators, while worth all that is asked for them, come high. So he made up his mind to experiment with the view of reducing cost of construction without interfering with the

hatching principle—simply using less costly lumber—using nails where in his "Standard" machines screws are used, and in addition adopt fewer ornamental additions which, as an architect would say of a house, reduced the cost quite a lot.

The outcome of his endeavor was the



The Up-to-date Essex-Model "Middle-Price" Incubator for 1912. Made in three sizes—all Mission-Finish.

production of his "Middle-Price" line—a machine which the records referred to above prove to be a strictly first-class machine. It is a leader—and yet it is sold at a price that has enabled him to give it the name—Essex-Model "Middle-Price"—because it is midway in price between the cheaply constructed kind and the highest priced machines on the market. And in doing this Mr. Essex was successful in retaining the hatching quality of the high-priced machines.

It is not surprising, therefore, that the Essex-Model "Middle-Price" Incubator is extremely popular. We remember one of Mr. Essex's advertisements a year ago described it as

"Worth More—Costs Less"—a very happy illustration of its value.

The 1912 Style of this "Essex-Model, Middle-Price, Mission-Finish Incubator is made in three sizes—70 eggs, 120 eggs, and 200 eggs, and notwithstanding their comparatively low cost, they

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.

R. C. Black Minorcas Exclusively
WINNERS at all leading shows in America. Have won more 1st and 2nd at Madison Square Garden than any other exhibitor or breeder. Show and breeding stock for sale. Mention A. P. W. T. A. McKITTRICK, Hudson, N. Y.

The Wright White Orpingtons
 Are the large, healthy, vigorous kind. They are raised by us in our own yards and are bred for heavy egg production where the climate is severe.

Our specialty is eggs for hatching. Day-old chicks, custom hatching, fancy and utility stock. Write us for prices. Our broad guarantee insures satisfaction.
 VALENTINE RANCH, NEW BRIGHTON, MINN.
 D. H. Wright, Owner O. C. Thompson, Supt.

"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 122, 35 W. Lake St.
 CHICAGO, ILL.

PERFECT POULTRY LEG BANDS

CHRISTY FARMS' S. C. WHITE LEGHORNS

Persistent layers that win. 300 yearling breeders at a sacrifice to early buyers. Columbian Wyandottes. Closing out, old and young stock. Will give you a bargain. Send for sale list.
 W. R. SPERRY, Box H, CORTLAND, N. Y.

HARTER'S BUFF PLYMOUTH ROCKS

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

S. H. HARTER, NESCOPECK, PA.

My Columbian Wyandottes

at the Great Inter-State Poultry and Pet Stock Association, Rutland, Vt., with over 2,000 birds in competition, won 1st, 2nd and 3rd pen, 1st and 3rd hen, 1st and 2nd pullet, 1st and 3rd cockerel and 2nd cock. The first prize hen won club ribbons for best shape, best color female, and best Columbian in show. At last 4 shows on 37 entries I won 49 prizes and a silver cup. Does this prove the exhibition quality of my strain? I breed the McIntosh strain which is the oldest and best in existence. But exhibition is not all their good points for no breed was ever originated that were better layers of large brown eggs. Male breeders, \$2, \$3 and \$5. Females, \$2 and \$3 each. Exhibition birds a matter of correspondence. Member of National Columbian Wyandotte Club. Reference, George W. Tracey, Kinderhook, N. Y., Field Representative of A. P. W.
 LEVI A. AYRES, Lock Box 760, GRANVILLE, N. Y.

Buff, Black and White Orpingtons, White Rocks and White Wyandottes

We Won at the last Madison Square Garden Show. Send for our elegant Catalogue

ROCK CREEK POULTRY FARM
 GENESEO, N.Y.
 Route 2
 AND
 WRITE FOR EGG RECORD MATING LIST AND WINNINGS.

HUGO FRIESE
 UTILITY STOCK FOR SALE FOR FANCY AND EGGS
 D AND F STRAIN RHODE ISLAND REDS
 SIZE QUALITY FOR THE FANCIER

E. E. DOTY
 SHOW STOCK FOR SALE FOR EGGS AND FANCY
 D AND F STRAIN RHODE ISLAND REDS
 HARDINESS VIGOR FOR THE FARMER

We also Won blues at Buffalo, Toronto, Can., Rochester and New York State Fair

STOCK, EGGS AND BABY CHICKS

are most attractive appearing machines, the Mission finish and brass trimmings making them ornamental as well as useful. That the Essex-Model, Middle-Price Incubators are machines that will hatch a chick from every hatchable egg under proper conditions, Mr. Essex is ready to prove from testimonials received by him from his patrons.

"Here is one", Mr. Essex remarked and handed us the record made by Miss Zwick, which appears in the advertisement of the Robert Essex Incubator Company, printed on another page of AMERICAN POULTRY WORLD.

But the new catalogue just issued by the Robert Essex Incubator Company, will tell our readers all about the Essex-Model Incubators, so we advise all interested in artificial incubation to send for copy of this book, which will be sent free to applicants who mention AMERICAN POULTRY WORLD, when writing to either the Robert Essex Incubator Company, or to "Bob" Essex, Buffalo, New York.

A REMARKABLE OFFER ON INCUBATORS

The reliable Wisconsin Incubator Company of Racine, Wisconsin, is making a very reasonable offer on Incubators and Brooders. They will ship you their first 125 egg California Redwood Incubator and 125 chick brooder for only \$10.00, and pay the freight on both machines if you live anywhere east of the Rocky mountains. Their machines come all set up with full equipment, ready to run and you are given the privilege of returning them any time within 30 days if you are not pleased. Wisconsin Incubators have the most improved hot water heating system, thermostat regulator, copper tanks and three walls with dead air space.

Both Incubators and Brooders are guaranteed for 5 years. These machines have won high honors in hatching contests and many thousands are in use. It will pay any one thinking of buying an incubator to write for the new Wisconsin catalog. You will find their advertisement on another page.

B. H. SCRANTON, RISING SUN, IND.

At the Chicago Show, December 14-19, 1911, B. H. Scranton of Rising Sun, Ind., breeder of S. C. Rhode Island Reds, won ten regular prizes, including five firsts. His first prize hen also won color and shape special for best female and his first prize cockerel color and shape special for best male. He also won \$50.00 cup for best display and \$50.00 cup for best S. C. Rhode Island Red cock, hen, cockerel, pullet and pen. He also won at the State Fair every first and second prize excepting first prize on cockerel and second prize on pen.

Mr. Scranton informs us that his this year's matings will be the best he ever owned and that he will sell eggs from the same pens as he uses for himself. Those who intend purchasing should send for his mating list, which will be sent free if you mention this paper.

* * * All breeders of Wyandottes should have a copy of the book "The Wyandottes". \$1.00 per copy post-paid * * *

THE HEN—WHAT WOULD THIS WORLD BE WITHOUT HER

Would it be the same old world we know or something we would be at a loss nicely to adjust ourselves in? Would it be anything else than a "near-world"? Would life be all like it is now if suddenly the Gallus Domesticus were to take wing to some distant planet?

How deeply are we attached to the hen! How we prize this feathered thing, even though we hardly ever pause to reckon what it means to us. The mere fact that at times we will submit to the separation from ourselves of even a dollar for a dozen—not of hens, mind you—no, indeed, for a dozen of those things of doubtful age, of which the cackle in

"Ringlet" First Prize Cock at Madison Square Garden, New York, Winter 1910-1911, owned by E. B. Thompson, Amenia, N. Y. At this show Mr. Thompson made the greatest record on Barred Rocks ever made in the history of the New York Show; these prizes include First Prize Cock, First and Champion Cockerel, and First and second Exhibition Pens.

BUFF WYANDOTTES

50 big blocky farm raised pullets for sale, 10 grand matings of matured birds for 1912 egg trade. T. C. BROWN, Get your order in early. Write now. No. Adams, Mass.

We now have our pens of S. C. BUFF LEGHORNS Mated up for the season of 1912

Can furnish you with eggs from our exhibition pens at \$3.00 and \$5.00 per setting, from utility pens \$2.00 per setting. Baby chicks at \$13.00 per hundred and up. Exhibition chicks a matter of correspondence. Our stock is strong, healthy, vigorous and they are Winning—Laying—Paying.

SPRINGSIDE POULTRY FARM, J. W. & J. Edw. McNeil, CANAAN, N. Y.

CHOICE BREEDERS EGGS FOR HATCHING

CECIL PLACE, THE HOME OF THE

PARTRIDGE WYANDOTTES

M. NELSON CECIL, Route 5, ELM GROVE, W. VA.



Armstrong's S. C. Reds

Do you want quality eggs from Reds that are real REDS? Our birds are scientifically mated to produce long backed typical youngsters with richness of plumage that cannot be excelled. Eggs from heavy layers that will produce winners, at moderate prices. Send for mating list.

R. I. ARMSTRONG, 1053 Sullivant Ave., COLUMBUS, OHIO

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.

the barnyard signifies that another one, a fresh one, has come into the world ready to be sent on its uncertain way into the marts of the land. Even the sign that hangs in the restaurants during the season when hens take their vacation that their price has been doubled, does not halt the devotee of the egg sandwich. He must have them, and he will have them at any price.

And how intimately the egg has grown to be in our every day life. How essential it is to men in walks of life where the superficial observer would think that the egg would be as useful as a soda fountain in the Arctic region. What would the editor of the woman's page on any of the big dailies do if he couldn't throw an egg or two into his receipts? How could the man behind the mahogany concoct such nectars as he does today? How could the things that mother used to make be made as they were? How could Dr. Wiley be so busy? What a field of speculation is here opened before us by these mere suggestions of the important position that the egg, by sheer merit alone, has come to possess in our social structure.

But to continue in another strain along this subject, which surely is as important as surmising why Teddy Roosevelt does not commit suicide that some earnest patriots may get in a good night's sleep knowing that death has conquered the unconquerable. Of the egg, then, enough. How about the mother of the potential chick? What of the mother robbed of her child before she has had opportunity to look it in the face? Is she not worthy of some consideration? Think not of the midnight stillness broken by the maddening crow of Chanticleer. He is the father of the brood. The mother is keeping her powder dry and will use her voice only to announce to the world that she has added another one to those she already had to her credit. False alarmers there are, to be sure. Inasmuch the hen is human. Why, the cackle of the hen should be as music. The very word denotes soft melody, being a direct descendant of the Latin "cano" by which Romans signified the exercising of the vocal chords.

Alive, the hen is a fit object of admiration, despite certain unpleasant traits of character she may display. But dead! Then even more does she come into her own by going into ours. She becomes of us, and we are pleased. By more intimate relationship we add to the high esteem that we already had for her kind. We bear her no malice that all through her life she has been working a shell game. In fact her's is the only shell game that has our hearty approval. We would not part with the hen if we could. We belong to her as much as she does to us. We need her.

The value of poultry in this country is enormous; it is an important factor in our economy. The hen is bigger than she looks. And so it is that anything which will promote the "hen industry", if the phrase may be used, is something worthy of success. Nor is it necessary that all hen owners go

into it for a business. That they do have the bird about them, makes them just so much more independent. They eliminate the middleman in one instance, at least.

To pursue the raising of hens for no other reason than to gratify a desire for a hobby is a most excellent thing. Every man needs a hobby of some kind or other for his own mental and physical welfare and for the sake of those around him, and hen raising is a most excellent hobby for it has that most pleasing of qualities of producing the more revenue the harder it is ridden.

Great is the hen. Long may she cackle.—St. Albans Daily Messenger.

COLOR OF MILK-FED POULTRY

The following is taken from Bulletin 140, U. S. Dept. of Agriculture, on "Fattening Poultry":

A bleached appearance is very characteristic of milk-fed chickens. Milk is apparently the chief factor in causing this appearance, although the composition of the ration doubtless affects this point to some extent. The birds which were fed 14 days showed

R. C. AND S. C. RHODE ISLAND REDS
Stock and Eggs, 100 per cent fertility guaranteed. Black and White Langshans, Buff and Partridge Cochins, Light Brahmas, Blue Andalusians, Buff, Black and White Cochin and White Polish Bantams. 75 per cent fertility guaranteed. Stock at reasonable prices. Eggs from special matings, \$5 per sitting, other matings, \$3 per sitting.
ROBERT F. HORTE, SOUTH BRAINTREE, MASS.

Miles' Montauk



Barred Plymouth Rocks

I offer eggs from pens headed by sons and grandsons of above famous bird (now owned by Top Notch Farms). Also daughters and granddaughters of Sensation—who earned me \$2100.00 in 16 months. Eggs from pullet matings, blood of winners in the last shows. Cockerel and pullet breeding males to spare.

E. L. MILES, SAG HARBOR, L. I., N. Y.

WHITE WYANDOTTES

The Winning and Laying Kind Madison Square Garden Winners

Also winners beat 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.

Woodcrest Farm,

Rifton, N. Y.

EMERSON'S

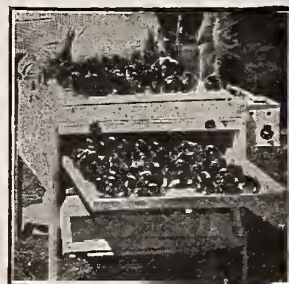
R. C. and S. C. Rhode Island Reds

50 cockerels for sale. If you want birds for exhibition, write me for prices, stating your wants as I have the size, color and shape to win in any show.

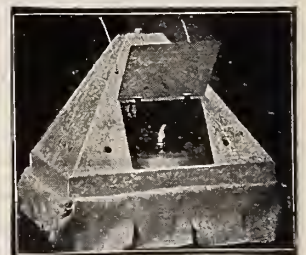
All birds scored by A. E. Hamlin, Licensed Judge.

F. A. EMERSON,

ANGOLA, IND.



My
Incubator
Not Yours



Until you have used it 60 days to prove it is all we claim.

The sides have 2 layers of metal, one asbestos, 2 of fiber board, one 7/8 inch wood, 6 in all besides 1/2 inch air space. Top has one metal, one asbestos, 3 fiber board, and 2 of 1/2 inch wood. The bottom has one 3/4 inch wood and one flannel, it does the work and holds the heat, has heavy copper tank and is automatically ventilated and regulated, fire proof and has many other good features.

WENDELL'S SANITARY SUSPENSION HOVER

All metal no steps to climb, chicks cannot crowd or pile up, hot water heat that warms a flannel that lays on the chicks backs, hang it anywhere, it warms the house it is hung in, has the recommendations of 14 years behind it. Compare our machines and the price with others. Your name on a postal will get our book by return mail.

WENDELL INCUBATOR CO.,

56 Main Street,

HOLLY, MICH.

the effect of bleaching very plainly and a large proportion were white. Some, however, did not appear to bleach at all. The color in the lots fed from 6 to 9 days was more uneven, the birds showing streaks of yellow and white, although many were fairly white and even in color. Records kept of the comparative number of white and yellow birds at various intervals during the season in experiments A and B showed that in the former 73 per cent. were white and 27 per cent. yellow, while in the latter only 59 per cent. were white and 41 per cent. yellow. This would indicate that the use of low grade wheat flour produced a whiter flesh than the oat flour, but there was considerably more milk in the ration of experiment A, and the larger proportion of milk may have influenced the color of the flesh more than the kind of grain. Allowing for this difference in milk it appears that the wheat flour tends to whiten the skin and flesh as much, if not more, than the oat flour. These records are not strictly comparable, as the dressed birds in experiment A, while uneven in color, were classed as white if they showed the effect of bleaching to any considerable extent. Butter color is sometimes added to the feed to give a rich yellow color to the flesh, but this was only done at one of the feeding stations in this bulletin, and only to a very few lots. Molasses was used for coloring during the season of 1909 at the same station and was said to have given a deep-yellow product. The packers stated that they did not care whether the dressed poultry was white or yellow except in a few lots where the market wanted a certain colored flesh.

BEST BREEDS FOR FATTENING

All varieties and types of chickens are fattened in this country, no special attention being devoted to developing strains or special types peculiarly adapted to produce a high quality of flesh or to give especially good results in fattening. Several breeds give good results in fattening, and these are preferred by men who make a specialty of feeding poultry in the following order: Plymouth Rocks, Wyandottes, Rhode Island Reds, or taken as a whole, birds of the general purpose breeds. The feeders discourage the use of birds of the Mediterranean class, such as the Brown and White Leghorns and the Minorcas, because these birds average poorer results throughout the season in the feeding tests and they mature light, while the trade demands a heavy fowl. In order to make the farmer raise chickens of the first rather than of the second class mentioned, the packer, and consequently the smaller poultry buyer, often pays from one to

three cents a pound less for light-weight hens.

More attention should be paid to buying poultry on a quality basis, thus showing the producer the gain which he may realize by keeping good poultry of the general-purpose breeds and giving the birds proper attention and feed before shipping to market. In some sections the packers have exchanged pure-bred cockerels of the general-purpose breeds for the mongrel and light-weight cocks kept by the farmers, thus rapidly improving the quality of stock in the localities where they obtain their supplies. The Orpingtons, various game crosses, and the Dorking make good poultry for fattening, but are not found in any appreciable numbers in the Middle West, although the Orpingtons have increased considerably in the last few years.—From Bulletin 140, U. S. Dept. of Agriculture.

K. J. HEABLER, ATTICA, OHIO

We are advised by K. J. Heabler, breeder of White Wyandottes and White Orpingtons, Attica, Ohio, that at the recent exhibition of their local association he won as follows: White Wyandottes, first and third cock, first, second and fourth cockerel, first and fourth pullet, first, second and fourth hen, and first pen. White Orpingtons, first, second cock, second, third hen, third cockerel, third pullet and second pen. Also silver cup for best display. Mr. Heabler will have about 100 birds of the two varieties in his breeding pens this season and will be prepared to fill egg orders on short notice.

He guarantees satisfaction and would be pleased to hear from readers interested in either variety. In writing mention **AMERICAN POULTRY WORLD.**

Rose Comb Reds Indian Runner Ducks

High-class breeders and young stock for show, utility, and export. May return at my expense if not satisfactory. **SINCLAIR SMITH, SOUTHOLD, Suffolk Co., N. Y.**

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

The A. B. C. Strain of Buff Leghorns

If you are looking for type and color and a heavy laying strain, write for a mating list to **A. B. Cox, 49 Thurston Road, Rochester, N. Y.**

MINEOLA STRAIN

Buff Wyandottes

L. D. HOWELL, MINEOLA, N. Y.

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.

Rose Comb Reds

Stock for sale that run strong in the blood lines of our noted prize winners. Eggs from our pens will hatch show birds for the strongest competition.

WHITE BROTHERS, Box C, SUNBURY, OHIO

BUFF WYANDOTTES "THE GREATEST WINTER LAYERS"

Winners at Grand Central Palace, Philadelphia, Savannah, Ga., and other leading shows—some good stock at reasonable prices. **MATING LIST NOW READY.**
SUFFOLK FARMS, Box 54, LAKE RONKONKOMA, N. Y.
Arthur H. Myers, Owner. N. Y. State Vice-President American Buff Wyandotte Club.

WOLVERINE STRAIN

WHITE PLYMOUTH ROCKS

HAVE NO SUPERIORS



Winners at the world's greatest exhibitions for years; Madison Square, Jamestown Exposition, Chicago, Indianapolis etc. I can furnish winners for any competition; Guaranteed to win, and at prices that will surprise you. Line-bred vigorous, farm-reared birds of the highest quality inherited from a long line of winning ancestry, they will not only win for you, but will produce winners in your breeding pens next season.

Am mating my pens for 1912 and offer you eggs from Exhibition Matings, 200-Egg Pedigreed Matings and Utility Flocks. Also day old chicks. It will be to your advantage to make inquiry and place order early. A few large breeding cockerels good color and type, low combs, good eye and leg color at \$8.00 each. They are bargains.

If you have not received my New 72-page Illustrated Catalog and Book on White Rocks, their mating, feeding, rearing, conditioning, etc., send for a copy. Money back if not more than satisfied.

LYMAN H. HILL, Sta. 2, JACKSON, MICH.

6000 SINGLE COMB BUFF LEGHORNS

The Famous Humbach Bred To Win And Lay Strain

Farm Range Pullets \$2, \$3, \$5 each. Large vigorous early hatched farm range cockerels \$3, \$5, \$10 each. High-class Show Birds a matter of correspondence. Twenty grand pens mated for the Egg and Baby Chick trade. New Catalogue and Mating List free. We are now booking orders for future delivery.

HUMBACH POULTRY FARM, J. E. Humbach, Prop., R. D. No. 19, HAMILTON, OHIO

EGGS AND POULTRY IN CHINA

Enormous Quantities of Chickens and Ducks Raised

For hundreds of years China was the greatest poultry producing nation in the world, and probably this is true today, not only as regards the total production but also in per capita use.

Of the more than 300,000,000 population of China shown by the last census there are few indeed who do not in the course of a year consume something in the way of poultry—chickens or ducks or geese—and certainly a large number of eggs.

For considerable portions of the population poultry is the only animal food used, and for the more well to do classes it is an ordinary meat diet the year around. Ducks are pickled, dried, tinned and otherwise preserved and shipped to many parts of the world to Chinese who are away from a home supply. Eggs of all kinds are used fresh and are cured by burying in clay and lime until they acquire something of the quality of cheese and are a great Chinese luxury.

There are a few families in China, says *Consular and Trade Reports*, even in the larger cities, that do not have at least some chickens. Near the ports open to foreign trade there are a few rather good sized poultry farms as a rule.

Ducks are raised in immense numbers on farms along the canals and rivers of central and south China and are much more common than chickens. One of the customary sights along the grand canal in mid-China, for example, is that of a Chinese duck farmer in his boat watching his flock feed in and along the canal. The ducks are trained to obey him, and, armed with a long bamboo pole to guide them, he controls their movements and takes them back to shelter for the night.

The surplus of poultry and poultry products which China can export annually is immense. Up to the present exportation has taken the form largely of egg products, mostly dried albumen and yolks. The trade in eggs and egg productions is rapidly increasing, as may be seen from the fact that the exports of egg albumen and yolks in 1908 were valued at \$463,038 gold and the shipments of fresh and preserved eggs at \$1,234,785 gold, while in 1909 the values were \$818,829 and \$1,529,685 respectively.

During the last year several cargoes of Chinese meat and game products were sent to the United Kingdom with great success, and in these shipments were included poultry and eggs. The quantities of poultry thus exported, however, cannot be given with any degree of accuracy since the returns include such products under the general term of "provisions." The amount is considerable, however, and it is increasing. Apparently the only requirement for indefinite expansion of this market is proper shipping and selling arrangements. The product, both poultry and eggs, can be delivered at exporting points in China more cheaply than probably at any similar place in the world.—Exchange.

THE AMERICAN BARRED PLYMOUTH ROCK CLUB

The twentieth annual meeting was held at Philadelphia, December 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.

I. A. & F. C. SIBLEY, SOUTH BEND, IND.

We are just in receipt of a communication from I. A. & F. C. Sibley, breeders of R. C. Rhode Island Reds, South Bend, Ind., that at the Kentucky State Poultry Show held at Louisville, January 22-27, 1912, they won 1st and 4th hen, 2d and 3d cock, 1st and 3d cockerel, 4th pullet, a total of seven regular prizes on eight entries in the single classes, no pen entries made. They were also awarded the Gordon State cup for best red in show, the club badge for best shaped male, also club badge for best colored female.

MADISON SQUARE GARDEN WINNERS
Also New York State Fair, Springfield and at the Big Chatham Fair. S. C. Black Minorcas and White Plymouth Rocks. 200 elegant birds for sale. Satisfaction guaranteed.

HILLSIDE POULTRY FARM,
Niles B. Smith Prop., Box W, CHATHAM, N. Y.

Owing to Dissolution of Partnership

part of stock and fixtures of this poultry plant are for sale as follows:

300 S. C. White Leghorn Hens (yearlings)	at \$ 1.25 each
50 " " Pullets	" 1.50 "
3 " " Cocks (2 year old)	" 2.50 "
1 " " Cocks (1 year old)	" 2.50 "
2 " " Cockerels	" 2.50 "
50 " R. I. RED Pullets	" 1.50 "
2 Paradise Brooders (3 compartments)	" 35.00 "
2 Cycle Brooder Hatchers	" 5.00 "
1 144-Egg Cyphers Incubator	" 15.00 "
1 390-Egg	" 28.00 "

The above stock is all from best laying strains, and fixtures are practically good as new.
PLEASANT VIEW FARM, R. F. D. No. 3, LAKEWOOD, N. J.



Black Bird Anconas
Our liberal offer starts you raising 250-egg thoroughbred Anconas

Baby Chicks or eggs, both combs—most profitable fowls on earth—never set—very hardy—heavy weight—black, low tails—black wings—be progressive—Write for circular and sure Roup Cure. Address Ancona Breeders Exchange, Syracuse, N. Y.

BAL MED FARMS

room for our young stock and the above birds are offered at prices calculated to move them quick. Write your wants. No order too large.
BAL MED FARMS, W. E. Kleinfelter, Mgr.,

We have some choice Barred Rock Cocks, White Wyandotte Cocks and Hens and S. C. White Leghorn Cocks and Hens for sale. We must have offered at prices calculated to move them quick.

R. F. D' 1. WESTTOWN, PA.

KNOLLBROOK WHITE PLYMOUTH ROCKS

Win at Grand Central Palace, Dec. 1911, 2-3 cock, 1-2 hen, 4 cockerel, 1 pen. Choice breeding stock at bargain prices, grand cockerels a specialty. Bred for heavy egg production and superior exhibition qualities.

KNOLLBROOK POULTRY YARDS, HARTSDALE, N. Y.

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.

Dodge's White Plymouth Rocks

AGAIN WIN at Rochester, January, 1912, 1 and 2 pullet, 3 hen. At New York State Fair, September, 1911, 1 pullet, 2 and 4 cockerel on 3 entries. Classes were very large and competition very strong at these shows, thereby demonstrating the quality of our stock. Our birds have won for years at the large shows. All stock are raised on free range and are large, vigorous, good layers. Eggs from our exhibition matings \$3 per 15, \$5 per 30. From utility flocks, \$1.50 per 15, \$7 per 100. Send for circular. I will please you.

F. M. DODGE, Route W, FRANKFORT, N. Y.

The February Reliable
A Valuable Winter Number—Some of the Leading Articles

Full Page Photographic Groups of Buff Leghorns and Black Minorcas—Artists Sewell and Burgess.
Eggs and Poultry For the Family—A. F. Hunter, Associate Editor.
Relation of Strain to Egg Production—James B. Morman.
Foremost Poultrymen of New England—F. L. Platt, Associate Editor.
Buffalo Show Report—J. L. Shull.
Show Notes on Madison Square Garden—F. L. Platt.

The Successful Retailing of Eggs—R. P. Ellis, 2nd of a series.
Methods That Will Insure Successful Hatches—R. C. Lawry, of Yester-laid Egg Farms Co.
How I Made a Success of The Poultry Business—L. H. Wible.
Poultry Conditions Thirty Years Ago—A. F. Hunter.
Coring Egg Farms—F. L. Platt.
Expenses and Income in Poultry Raising—Myra V. Norys.
Boston Show Report—F. L. Platt.

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Health and Disease. Standard-bred Department. Southern Department.
Practical Department. Everybody's Column. Pacific Coast Department.
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A. F. Hunter 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 this (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

POULTRYMEN WHO ARE MAKING HISTORY

By Geo. W. Tracey

(Continued from page 320)

still another 16x74; a brooding capacity for 10,000 chicks consisting of two houses, one 24x120, the other 24x75; also an incubator cellar 45x120. The Messrs. Leach have compiled a book that is interest-

Superior, Wisconsin,
March 11, 1910.

Gentlemen:—You no doubt are interested in knowing what the pullets are doing that I purchased from you some time ago. Well they are doing fine. I do not know what you folks down east expect from your pullets. The last 28 days I have received 210 eggs from ten pullets. That is very satisfactory to me.

Yours truly,
Herman Hammerback.

full count of strong, healthy chicks. This from the owners of Mount Pleasant Farm, Mt. Pocono, Pa., the poultry farm whose methods, records and

BABY CHICKS

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.

FIRELESS BROODER

made of double wall air cell, waterproof cardboard, covered with galvanized steel, guaranteed to last a lifetime. Price \$3.00.

INLAND HATCHERY, ATTICA, OHIO

\$5.00 SETTING OF EGGS FREE

To Introduce C. Jack Frost's S. C. Reds

to you, I will give away free of charge one setting of 15 eggs from my best matings of S. C. Reds with every order for eggs received during January, 1912. The eggs will be from pens containing excellent specimens of wonderful dark, rich red color, large and almost perfect Standard shape, bred from generations of remarkable layers and blue ribbon winners.

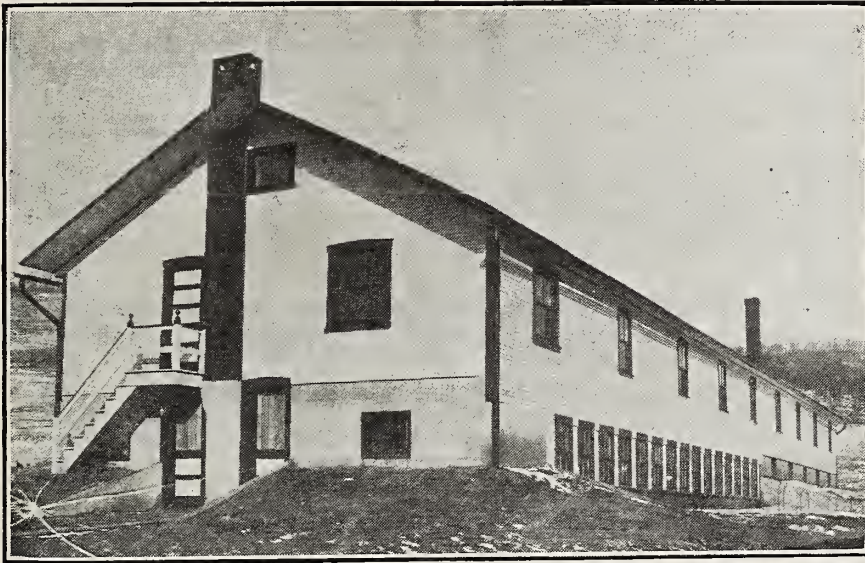
The eggs will be guaranteed fertile and will produce strong, healthy chicks, many of which will grow into prize-winning birds—birds that you will be proud to own and show to your friends.

Price of eggs from best matings \$5.00 per 15 straight and one setting free with every order booked during January, 1912.

Order today and eggs will be shipped any time you desire.

Choice breeding and exhibition stock at reasonable prices on approval.

C. Jack Frost, 567 E. 23rd St., Paterson, N. J.
Member A. P. A. and R. I. R. C. of America



The day-old chick industry is rapidly advancing, and many of the incubator cellars on farms where this branch is made a specialty, remind one of a large factory. A building of these dimensions may be seen in the above illustration and is located on the farm of J. W. Parks, Altoona, Pa., breeder of a noted heavy-laying strain of Barred Rocks.

ing and instructive to both the amateur or expert. It explains in detail the methods and system of brooding, feeding, housing and rearing chicks, that are in use at Mount Pleasant Farm, and we advise every reader of this article to send for their free book. It will furnish you with some of the reasons why the Messrs. Leach are able to satisfy a customer, it also contains many flattering testimonials the following of which is a sample:

We will close our article by quoting the Messrs. Leach as follows: "Our knowledge of the poultry business, our years of experience with our birds and our thorough confidence in their ability to produce eggs that will hatch and chicks that will live, has enabled us to guarantee our product to every purchaser of eggs for hatching. We guarantee to replace all infertile eggs and to every purchaser of day-old chicks we guarantee safe delivery and

PEERLESS EXHIBITION
SINGLE COMB WHITE LEGHORNS

Are the sensation of the year. Carefully and scientifically bred for more than 14 years, they promise to eclipse all show records during the season 1912-13. Peerless males and females have this winter beaten birds representing every well known strain in this country at many of the most important shows. My matings for 1912 are the finest I ever saw, and I will sell eggs from the winners themselves—the best birds I own. If you want to win next fall and winter try me for a portion of your egg requirements. I can furnish you quality of the very finest obtainable and my prices easily within your reach. If you prefer baby chicks I will supply them at double the price of eggs. After having my birds badly smoked in transit I won

FIRST COCKEREL AT CHICAGO

Dec. 14-19, 1911 in a class of 42 magnificent cockerels. Many New York and Boston winners were in competition and numerous hundred dollar birds were completely out-classed. I refused a fabulous sum for my bird before the prizes were awarded. Neither did I exhibit my best cockerels at Chicago, two priceless birds were left at home not quite ready for showing. Watch for them at Kansas City. Eggs From Forty Grand Matings selected from a flock of over 5000 richly bred birds. Prices and description on application. Choice cockerels, hens and pullets now ready for shipment at moderate prices. I have no dollar birds, but offer excellent pens at \$12.50, \$15.00, \$18.00 and \$25.00. All birds shipped on approval. Free catalog and mating list tells all about them, also how to feed, care for, and keep White Leghorns healthy, and profitable. Remember this valuable booklet is yours for the asking and I want you to have a copy.

LEON C. HUNTINGTON, Box 12-G, Sta. A, OMAHA, NEB.

entire plant is open to the inspection of the world.

KAUFMAN & WINDHEIM, NUTLEY, NEW JERSEY

We received a letter early last fall from Messrs. Kaufman & Windheim, prominent Rose Comb Red specialty breeders of Nutley, N. J. A part of the letter was an invitation as follows:—"Dear Tracey, when you are down this way again be sure and come out to see us as we want to show you the hen that we expect to again win first at Madison Square Garden next month. We would be pleased to have you come at your earliest convenience as we want you to see this hen while she is going through the moult. She is going to be as red as our best colored pullets, and owing to the fact that some Rhode Island Red breeders say that there are no red hens, we want to prove conclusively to you that Kaufman & Windheim can produce them, and in the event of our winning first hen with her at the Garden, we want your evidence to prove that she is a hen, as some 'doubting Thomas' might say that she was a pullet." Its needless to say that we accepted this invitation and on our way home from Hagerstown Fair, ran up to Nutley, taking a car from Newark that runs right by their place. I found both boys hard at work, which of course was suspended in order to show me around.

We first hunted up the great hen. I looked at her a minute or less, when I said I guess she will do the trick and she did. A remarkable thing in connection with her winning first prize at the grand old Garden's last show was the fact that she is a daughter of the great hen that won first at Madison Square Garden's last year's show. She was a great hen but her daughter is greater as she is redder.

Kaufman & Windheim have produced some wonderfully fine colored hens. Several years ago they sent an entry of hens to the Chicago Show; they were so red that they were adjudged pullets. Theo. Hewes in writing up the show, said they would have won 1, 2, 3 if they were in the pullet class, so far ahead were they of the pullet class at that great western show. We saw them after they came back from that show. We knew they were red and were certain they were hens.

A year afterwards while attending a big western show we again saw one of these same hens and she was still as red as a pullet. Almost a year later we again handled this great hen and she was still as red as a pullet. We



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.**

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.

HILLANDALE POULTRY FARM, Krentel Bros., Props., EAST LANSING, MICH.

Reference Capital National Bank, Lansing.

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.

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 *Sly*—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 Clarksville, Ohio.

The Sure Way To Poultry Profits

WE REFER TO

- Prof. Homer W. Jackson
- Prof. C. L. Opperman
- Prof. W. R. Graham
- W. R. Curtis & Co.
- Michael E. Boyer
- Prof. F. C. Elford
- Gaylord Blair
- U. R. Fishel
- Owen Farms
- Prof. D. J. Lane
- Prof. J. P. Landry
- Prof. W. A. Brown
- Prof. James E. Rice
- Prof. George W. Carver

ASK THEM ABOUT IT

Destroys Lice and Mites and Prevents the Spreading of Infectious Diseases
 Use Zenoleum in the Incubator and get hen-hatched conditions. Dip the eggs in Zenoleum and Prevent white diarrhoea. The biggest breeders in the world have adopted Zenoleum for these purposes and recommend its use to You.

An 8-ounce can of Zenoleum express paid to your Station 35 cents.



Zenoleum Lice Powder, at dealers, 25 cents. Postpaid, 35 cents.

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 poultry ailments and diseases—contains nothing that is injurious—insures cleanliness and safeguards your poultry's health and your own profits.

Sold Everywhere If Zenoleum is not all we say it is—or even what you think it ought to be, you can have your money back—no argument, no letters, just money. Ask your dealer first, but insist upon Zenoleum and don't take a substitute—if he won't supply you—send the order to us—and we will deliver to your station, charges prepaid—1 gal., \$1.50; 5 gal., \$6.25. 8-oz size, 25c at your dealers, 35c from us postpaid. Equally beneficial for all live stock. Write for free book "Chicken Chat." If you have live-stock, ask for "Veterinary Adviser." Your name on a postal will do.

The Zenner Disinfectant Co., 270 Lafayette Ave., Detroit, Mich.

WE REFER TO

- Prof. F. H. Stoneburn
- Prof. A. A. Brigham
- Dr. N. W. Sanborn
- J. H. Drevenstedt
- Prof. J. S. Jeffrey
- Pittsfield Farms
- A. F. Hunter
- Miller Purvis
- Bertha M. Rigg
- T. E. Quisenberry
- Prof. W. G. Halpin
- Prof. H. L. Kempster
- Prof. T. E. Schreiner
- Prof. W. A. Lippincott

THEY HAVE USED IT

Used and endorsed by 46 agricultural colleges

discussed this great hen and they said they were always sorry they sold her, but they priced her to a western breeder of prominence, expecting the price would be too high, but they were taken up and being men of their word they sold her.

Turning from red hens we will state that after a thorough inspection of flock on the place and after handling about 100 fine cockerels and pullets we said to the "boys": "Well, I guess you are going to be in better shape to go to the Garden than you ever were", as to my way of thinking they had more good ones and better ones than I ever saw on their place, and I told this to several friends of mine who also intended to exhibit at the last Garden show. I frankly told one of them that Kauffman & Windheim would beat them, and the story of the Garden Rose Comb Reds reads this way: For Kaufman & Windheim, hen first, cockerels first and second, pullets first and second, pens fourth, winning color and shape specials for females, the Rhode Island Red Club of America cup for best cock, hen, cockerel, pullet and pen, also the New York Show Association special for best display. The Rose Comb Red classes this year were admittedly the largest and were the best in quality that ever graced a R. C. Red exhibit in the Garden, and this winning in competition with the world's foremost breeders clearly establishes the supremacy of Kaufman & Windheim as one of the foremost Rose Comb breeders of the day.

A visit at Kaufman & Windheim's impresses one very forcibly as to their prosperity; and you are not mistaken as their business was so great last year that they had to cut out all advertising during the latter part of the winter, spring and early summer as their eggs for hatching capacity was all sold as early as Feb. 25th, for be it known that Kaufman & Windheim ship out only eggs laid by their own birds. You get what you order from them and you get birds raised by them when you purchase stock either to show or breed. Their strain has an individuality of its own. They have worked on it for 16 years and they have succeeded in doing what

they set out to do, get to the top. Their record at America's leading shows demonstrates this. They have shown east and west, north and south with the same result. Victory they have won year after year, nothing spasmodic about their winnings. At Madison Square Garden, the world's greatest show, during the past four years they have won more firsts than any other Rose Comb breeder. They breed Rose Combs exclusively. They are leading specialists in this variety. They publish one of the finest R. I. Red Catalogue and they will send it free to any reader of AMERICAN POULTRY WORLD.

LESTER TOMPKINS, CONCORD, MASS.

The Rose Comb and Single Comb R. I. Red classes at the last Madison Square Garden Show were by far the best the writer ever viewed, and no doubt contained the best specimens of these breeds and as a whole were the best that were ever shown. We often read "and in the best classes of Reds ever shown we won, etc." This latter statement should be qualified, as I

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 huts of posts with Avenarin Carbolinum. Painting 3-foot huts 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 Carbolinum Wood Preserving Co., 190 Franklin St., New York, N. Y.

SOMETHING TO GROW ABOUT

"HEN-E-TA"

ABOUT 30% PURE BONE ASH
NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED
NO MORE BONE CUTTERS NEEDED
NO MORE BEEF-SCRAPS NEEDED
NO MORE CHARCOAL NEEDED
NO MORE OYSTER-SHELLS NEEDED

<p>WILL MAKE HENS LAY. WILL MAKE CHICKS GROW. ADDRESS</p>	<p>VALUABLE BOOKLET FREE</p> <p>100 lbs . . \$2.25 500 lbs . . \$9.00</p>
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Balanced Ration Formulas Free

If you will give us your dealers name and address.

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. 2nd, 3rd, 4th and 5th pen mated by winners.

A. M. STEWART,

Box 25,

BUTLER, OHIO



S. C. BLACK MINORCAS

MOYER'S STRAIN

Are bred to lay eggs and win prizes. At the Great Ontario Show, Guelph, 1910, I won 2nd cockerel, in a class of 36. At Hamilton, I won 1st cock, 1st, 2nd and 3rd cockerel, 1911. I have for sale 10 hens, 15 pullets, 1 cock and 10 cockerels at reasonable prices. Eggs \$5.00 per 15.

A. C. Moyer,

Waterloo, Ont.

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.,

RISING SUN, IND.

am going to qualify mine by saying in our opinion, but the opinion that we express of the quality of the Red classes at the Garden this year is based on our knowledge of the birds shown this and in former years. We know of a breeder that sold birds to win at a great national show held just before the Garden. These birds did win for their purchaser as we read a letter apprising the seller of these birds of the fact of their winning, and the prizes won. The breeder that sold these birds kept his best to show at New York. I am only citing this to demonstrate the value of winning at Madison Square Garden, and to call particular attention to the man that has year after year been able to more than hold his own against the best that could be produced, viz, Lester Tompkins, the world renowned R. I. Red breeder of Concord, Mass. At the last show in the Garden Mr. Tompkins entered 36 singles and 3 pens of S. C. R. I. Reds, making a total of 51 birds, and in all the years of our attendance at the New York, Boston and Chicago shows we never saw such a string shown by any breeder of S. C. Reds. I firmly believe that Mr. Tompkins will agree with me when I state that as a whole, it was far ahead of any exhibit yet made by him, and he can well point with pride to his winnings, every one of which was well deserved; his winnings included the Madison Square Garden Association special for best display in the Single Comb R. I. Red

class, as well as the R. I. Red Club of America's \$50.00 cup for best cock, hen, cockerel, pullet and pen, and he made this great winning despite the fact that he had furnished winners for several of the big shows and a whole lot of the smaller ones. We handled some of these winners ourselves, as we attended two of the largest fall shows, and a blue ribbon winner at each of these shows was furnished by Mr. Tompkins.

Mr. Tompkins' Madison Square Garden show record can be summarized by saying that in six years he has won 17 firsts on single, and in three years, 10 firsts on Rose Combs. No other breeder has anywhere near approached this record on R. I. Reds. As Mr. Tompkins has always sold very heavy for western shows, and in spite of earnest appeals has always refrained from competing against his customers, in 1909 at the urgent request of his friend, Theo. Howes, he made an exhibit at the big Chicago show and although a western judge judged the Single Comb class, Mr. Tompkins won every first. We were at the show and there was not a single kick from a western exhibitor. They all gracefully acknowledged the fact that Tompkins was king of S. C. R. I. Red breeders.

A visit to Lester Tompkins' farm discloses the fact there must be money in Reds. At the time of my visit to the farm he had 52 pens mated up or nearly so. He had 50 pens last season and at times he was away behind in

his egg orders, so it follows that he will have to keep his hens hustling in order to keep up with the demand for his strain. An inspection of his breeding pens discloses the fact that he must be a great stickler for shape as every breeding bird in his pen had the oblong type demanded by the Standard, and we will state right here that Mr. Tompkins knows R. I. Red type, something some of our judges appear to sadly neglect in their awards. We have seen birds of various types with Red color get prizes this season, and there has got to be a stop to it or else change the Standard to suit the idiosyncrasies of some of the judges. As we mentioned before, Mr. Tompkins will have about 52 pens mated up for this coming season and it would be hard to decide which would produce the best. Some of his \$5 matings struck me as about the right thing as every female in these pens came up to the Standard, having fine shape and color. Mr. Tompkins retains all his prize winners for his breeding pens, money cannot purchase them and his customers get the benefit of this. He makes a specialty of furnishing mated pens that will breed prize winners. We know this is true as we meet many that started in Reds by trios or pens furnished by him. When you purchase from Mr. Tompkins and leave it to him as to what he shall send you, you will get birds mated to produce. The breeding and mating of Reds cannot be learned in a year. It takes years

W M. COOK & SONS

ORIGINATORS OF ALL THE ORPINGTONS

ESTABLISHED 1873

PLANTS IN AMERICA AND ENGLAND

Box W, SCOTCH PLAINS, NEW JERSEY



that is where it ends. Send 10c. for *Illustrated Catalogue* containing history of all the Orpingtons and hints on poultry keeping. *Mating list is now ready.*

It adds *prestige* to your stock and *money* to your bank account if you can *advertise* "Cook Strain" Orpingtons, people will realize you have the *Best* and you will be eligible to compete for our \$50 Cups which we are giving to "Cook Strain" Orpington advertisers. Next year we expect to give *fifty* or more of these. *Ask the people who own them.*

Eggs from our *winners* and *absolutely* the *finest Orpingtons* in the world at \$20 a setting, three settings for \$50. 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 a setting. Guarantee with all. We believe more than *three-quarters* of the first prize winners of this country are sold by us or hatched from our eggs. *Eventually*, if after the Best Orpingtons, any variety, you will send to their *Originators*. *Why not now?* And avoid loss and disappointment. Advice free.

of patience to master some of the fine points of breeding for color. Mr. Tompkins has bred them from his boyhood days. When purchasing the foundation of a prize winning strain of R. I. Reds go to a specialist of some years' experience, and one of the greatest specialists and R. I. Red breeders known today is Lester Tompkins, Concord, Mass.

BRIGGS' SYSTEM

The attention of our readers is called to the advertisement of Edgar Briggs in this issue. Everybody, of course, has read or heard of the "Briggs' System"; a work on feeding written by Mr. Briggs. This book was written on the great benefits to be derived by feeding sprouted oats to both growing and mature fowls and after it was published many claimed to have known all about it but if they did nobody ever took the trouble to inform anyone about it, but as it may be, Edgar Briggs receives the full measure of credit that is due him from the vast majority of the poultry breeders of this country, who know that Mr. Briggs deserves it.

Mr. Briggs has recently purchased a beautiful farm and is satisfying his heart's desire by producing some of the best S. C. White Leghorns in Eastern N. Y. He has a finely appointed poultry farm and its equipments are of the best. He has installed a Hall Mammoth Incubator and will be prepared to furnish day old chicks in any quantity as he has 3,500 weekly capacity. He supplies hatching eggs at \$6 per 100. His stock is all raised on his famous free range system and their utility qualities are unsurpassed. Write to him for circular and free catalogue and address, Edgar Briggs, Box 31, Pleasant Valley, N. Y.

D. M. COVERT

D. M. Covert, proprietor of Covert's Barred Rock Farm, is a very successful poultryman and knows how to produce the winning kind. His farm is located three miles from picturesque Willoughby, Ohio, which is a hot-bed for fanciers and Mr. Covert is one among the boys and commands the respect of all. The record of the Covert Barred Rock Farm in the show room bespeaks for the quality of stock bred. In the conditioning room we found bird after bird fit to show anywhere. These birds were being conditioned for the Philadelphia show and later the show report of that exhibition proves that Mr. Covert has the goods. Among his winnings during 1911 was the champion sweepstakes male at the International Show at Buffalo. Mr. Covert has added a very choice pen of Black Orpingtons and will be able to furnish a few settings of select eggs from this mating.



"CHAMPION"

Owned by Hartman stock Farm. 1st prize winner at Chicago. 1st Cock at Cleveland, 1919, Club Show. Winner over the best in the world. "Champion" won the Color Special, 179 birds competing, Grand Special for best Buff Wyandotte Male in show.

GRANNIS BROTHERS

BUFF, WHITE, BLACK

ORPINGTONS



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 BROTHERS

R. F. D. 14, Dutchess County,

LA GRANGEVILLE, N. Y.

PRACTICAL POULTRY POINTERS

WM. A. WOLFORD

Don't count your chickens before they are hatched. The first consideration is to hatch them, but it is far more important to know how to successfully raise them afterwards.

Any good incubator will hatch good eggs, but any brooder no matter how good will not raise the chicks unless the operator possesses some knowledge of chick life and gives them the best of care.

The brooder is not made to relieve the poultryman of his cares in this direction, but is a substitute for the hen, in that it furnishes artificially the heat that, under natural conditions is furnished by her. It also allows the poultry raiser to combine in one unit a greater number of chicks than is possible in natural methods, thus enabling him with less labor to hatch and brood in larger numbers than with natural methods.

This may be said to be the extent of the brooder's usefulness. Now it is up to the attendant to duplicate nature as near as possible, and bestow the attention that the mother hen would in caring for her brood. He must feed the right things at the right time, never overdoing it and must be keen of perception, and note immediately the first signs of something wrong. He must always bear in mind that at its best the system is only artificial and in direct opposition to nature. Greater knowledge is required at this point than in any other operation connected with the poultry business. A brooder, a supply of chicks, a quantity of feed, and instructions as to temperature and how often to feed, means but little if good judgment is lacking.

—0—

Many of us in our anxiety to do things in the poultry business, lose sight of the first essentials for success. We hastily conclude that a few hens and a "rooster" or two is all that is necessary for our entrance into this great industry. Just feathers, a few "cackles" and a "crow" or two as it were. Such little things as health and vigor have not occurred to us. It's a pleasant dream, but oh! the awakening. If we succeed in inducing our "nondescripts", proudly called our breeders, to lay, we collect all eggs regardless of shape or size and as soon as sufficient numbers are secured we place them, our fond hopes, in an incubator. At the end of twenty-one days we discover that many of these fond hopes were only shells, full of disappointment, the balance only hopes in the embryo stage, and fuss and fret as we may they never develop. Perhaps our dream has been a kind of a "nightmare" and we lapse into it once more. We try again; this time we make up our mind something must be wrong. We condemn the incubator. We tell the manufacturer that it is no good. He takes our abuse in a kindly way and offers a few suggestions. We begin to think. It then occurs to our broadened mind that

fertility was rather low, and the few chicks that did struggle out with our assistance (we always help them out of the shells the first hatch) appeared as if there was something lacking, rather looked as if they had left their "rump" in the shells. Rather

an indifferent lot, refused to eat and seemed to have but one object in life, and that to die as soon as possible. In this they succeeded wonderfully well.

Our dream is over, we have awakened to the fact that there were a few things we did not know. We begin to seek information and learn of things called health and vigor. We did not buy any of this with our stock and decide that this was the main thing we overlooked. As we learn more we become more firmly

PULLET SALE SINGLE COMB REDS

Utility stock raised on free range, eggs \$1.00 per 15 or \$5.00 a hundred.
Guaranteed 75 per cent. fertile.

W. F. HESSERT,

Box C,

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lay the eggs. We won 3 blues, best display and gold special at the last big Bloomsburg show. They win the prizes and choice birds yet for sale. Prices low. Eggs for hatching from best pens. Satisfaction guaranteed or money refunded. Address

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ORPINGTONS, Buff, Black, White

send you stock that pleases you, you get your money back. FAWN and WHITE INDIAN RUNNER DUCKS, from Ohio State Fair winners. Also JAPANESE SILKIE FOWLS.

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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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Eakin's Wyandottes

Our Columbian and White Wyandottes won distinction at the recent Bucyrus Show fulfilling our claim of exceptional quality and winning in strong competition. In Columbians won 2 cock, 1-2-4 cockerel, 1-3-4 pullet and 1st pen and in connection with our White Wyandottes won special prize for 10 highest scoring Wyandottes in show. Our White Wyandotte exhibit were birds of rare beauty and their superior quality attracted much attention. The cockerel winning first was greatly admired for his pure white plumage and wonderful comb. Our matings this season will produce prize winners for you. Young stock for sale. Eggs from Columbians \$3.00 and \$5.00 per setting, White Wyandottes \$5 and \$10.00 per setting.

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Breeding Pens Mated with strong, healthy, farm raised stock, that are sure to give grand results. Won at Albany, N. Y., 1-5 pen old, 3-5 pen young, 2-3 hen, 107 Rose Combs competing. North Adams, Mass., 1st cock, 1st hen, 1st pullet, shape and color specials (3 entries) S. C.; 2nd cock, 2nd pen, 3rd pullet, 4th cockerel, R. C., all these and last year's winners here for breeding. Send for catalogue. 30 choice cockerels for sale.

WHITE ROCKS

WHITE LEGHORNS

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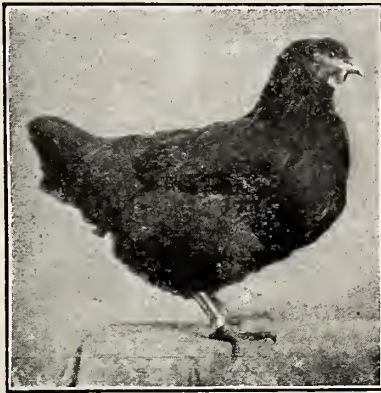
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convinced that our mistake was right at the beginning. How many of us have had experience like this? In our enthusiasm to enter the poultry business the most important essentials were overlooked. Perhaps we had decided on a variety, but aside from this all chickens looked alike. Health, stamina and vigor had not been considered, productiveness had not been given a thought, all hens were supposed to lay; but as to a difference in performance in this respect we were not guilty of bothering our minds. A fifty cent bird possessed as much value to us as a two dollar one.



The Rose Comb Rhode Island Red pullet illustrated above won first at Bucyrus, Ohio, 1910-11, also at Galion and Ashley, winning special at each exhibition for the best Red in the show, bred, owned and exhibited by White Brothers, Sunbury, Ohio.

A five dollar bird was entirely out of the question, and the breeder advertising such was thought to be crazy.

Here is where many are making the same mistake year after year. We do not want to question the right of a breeder to advertise cheap stock, they are all right in their place. We do, however, wish to advise the beginner to secure the very best his means will permit him to purchase. If he expects to follow the fancy side, let him select a breeder of the variety desired who has a reputation for producing the best. If the utility side is to be the goal go to the man who makes a specialty in this direction. The prices in either case may seem a trifle high, but the breeder has spent years in developing his strain and is entitled to ask and to receive a good price for the product of his skill in either direction; just bear in mind that he has spent years of hard work to produce the thing you seek. High class exhibition specimens or exceptional egg producers are not developed in a year or two. When you buy a bird of this class you buy the result of years of careful breeding.

—o—

For those who wish to give the poultry raising a trial there is no better way of starting than with baby chicks. There are plenty of responsible breeders who will furnish these at reasonable prices and almost any breed or variety can be secured. This method eliminates the fuss and worry of bothering with the setting hen, and gives the assurance of better results.

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The equipment necessary to care

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Eggs, \$2, \$3, \$5, per setting. Winners at New York, Boston, Portland, Maine and Brockton Fair, Incubator eggs \$3.00 per 100. Send for Mating List.

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Out of six entries at Morrinstown we won 2nd and 4th White Orpington Pullet, 3rd and 5th White Orpington Cockerel, 2nd and 4th Barred Rock Cockerel. Orders taken now for hatching eggs and baby chicks, choice stock for sale at all times.

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Winners of the State Cup. Rochester 1912.

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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.

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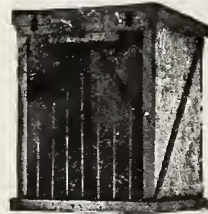
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Won at the Utica Show, January 15-20, 1912. First cockerel, fourth cockerel, third Pullet on three entries.

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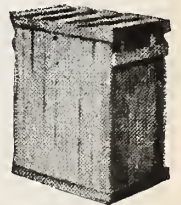


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for a brood of day-old chicks need not be expensive. One of the many fireless brooders now advertised will answer the purpose very well and if good judgment is used will prove very satisfactory.

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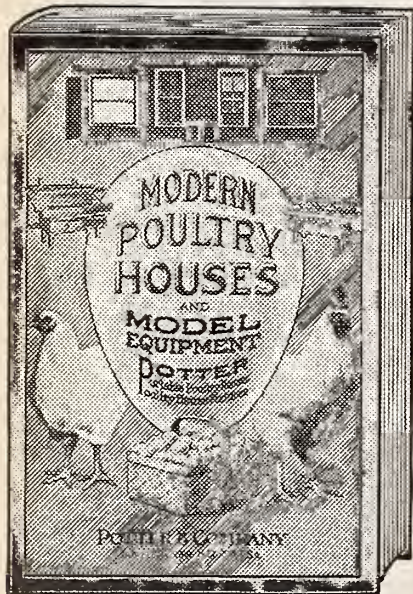
If you contemplate the purchase of baby chicks, place your order early, that you may not be disappointed in date of delivery. Later in the season there will be a rush of orders for these little fellows and the hatcheries will be taxed to their fullest capacity.

—0—

The continued high price for strictly fresh eggs will undoubtedly influence many who are contemplating a venture in poultry raising to try egg farming. There are many good opportunities in this branch, and the man of judgment who proceeds carefully is sure to succeed.

There is little to be feared in regard to the business being overdone, and the prospects are that the demand will exceed the supply for many years. There are more eggs produced each succeeding year, yet a careful review of the markets shows a slight advance in price each year over the preceding one.

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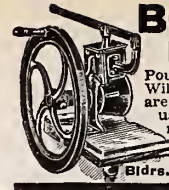


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If you are really interested in the most up-to-date poultry houses and

equipment you should not fail to refer to the Potter Co. ad in this paper and send for their large new catalog, or write them at Downers Grove, Ill., Box E16, enclosing two red stamps to cover the postage on their catalog. This will show that you are really interested and want to know more about the complete line of houses and fixtures that they make.



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S. C. WHITE ORPINGTONS Large low down birds of excellent color with good combs and eyes, breed from the best strains in America.

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Wherever shown, they never fail to win 1st, including Toledo, Bryan, Adrian, Montpelier and Butler. Eggs from finest matings of either breed \$4.00 per 16, \$7.00 per 30.

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Member A. P. A., Member R. I. Red Club of America.

DRUMM'S BARRED PLYMOUTH ROCKS

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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Win Four Firsts 1000 Miles From Home

At New Orleans, November 29th to December 4th, 1911, the greatest of all Southern Shows, we won 1-2 cock, 2-3 hen, 1-3-4 cockerel, 1-2-3 pullet, 1 pen. On 11 entries we won 11 regular prizes and 10 specials, including Gold Leg Band and Medal for the

BEST PULLET IN THE SHOW

Our yards are now mated with these, and our best winners at Indianapolis, and are fully described in our free mating list. Send for one. We still have for sale a number of high-class show birds and breeders.

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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

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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.

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Box D—53

YARDLEY, PA.

SEX DIFFERENCE IN BARRED ROCK COLOR

By F. W. Proctor

(Continued from page 311)

Let us now consider the natural status of the barred coloration. This seems to have an essentially distinct origin from that seen upon the Silver Penciled Hamburg, despite their apparent similarity. In the latter the effect would seem to have been derived through the duckwing transformation (elimination of red) from the golden variety, and that in turn from the partridge type, the crescentic markings being developed into transverse ones. But the Dominique or barred coloration is of much less complex origin. According to our best information all color types have come out of a common type which we may term the original or normal coloration of the race. The black-red is generally supposed to have been that type. The transitions from that to the various others are quite natural and often occur spontaneously.

It is unnecessary to go deeply into this phase of the subject in this connection, but a few points concerning the direct forebears of the barred type are not out of place, and they are the solid black and solid white types. A black fowl is one in which there has been a suspension of the development of the red pigment, the black in augmented quantity occupying the former area of red. This disturbance in the natural order of color is marked by a tendency for black also to disappear, which often occurs spontaneously between generations, resulting in pure white sports, a white specimen being one whose feathers during growth are not fed with either red or black pigment. By mating solid black with solid white specimens, three distinct types which combine the two parental types may occur, and sometimes all three of these appear from a single mating. (1) Mottles, in which the two distinct parented tendencies are manifest as such upon different portions of the plumage. (2) Blues, which constitute a uniform mean between black and white, and, technically speaking, is gray color, blue being a secondary effect. (3) The Barred color we may regard as a union of the other two, the ancestral pulls towards solid black and white alternating at periods during the growth of each feather.

But we are now concerned with the question of the color differences of the two sexes of Barred Rocks. We will assume that in its transition from the black-red type, the solid black fowl had retained the darker-female trait (as regards the black pigment)—that is, these black females were proportionately blacker than the males, although the conditions were not favorable for observing that fact. Again, receiving from the pure white ancestor equal tendencies to blot out pigmentary secretion—and so losing color equally—it is quite logical that the female would retain more black color than the male upon entering into the barred coloration. The male, inheriting identical alternating periods as to development of color in plumage (i. e., an equal number of bars in a

given length of feather) with the female, would naturally secrete less black color for each bar, constituting bars (if of same degree or tone of color) narrower than the females.

But there is still another consideration, arising not in theory, but in breeding experience, and speaking now of female plumage. The narrower the barring, the less is the opportunity for the spaces between the dark bars to depart from the color tone of the bars, or the less the degree of contrast in the alternating tones of

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If Anyone Tells You

that they are building, selling or using an incubator that is better than a "Buckeye," send for our book called

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color. In the application of this rule to the subject under discussion, the male by having narrower dark bars than the female has wider spaces between bars with opportunity to depart further in the direction of lightness than is possible in the case of the female with less comparatively wide bars and narrow spaces. As we may say, lightness of color tone of the spaces is cumulative as the spaces widen. And we have not yet touched upon the males, enhanced length of plumage over females as a factor in their comparative color tones. With a given amount of paint to cover a wall, if we enlarge the area covered, the greater the dilution and the thinner the coat. Here are two possible causes contributing to the males' lighter color besides the well-established (as I believe) basis of lessened secretion of black. This is not confined to the plumage, but is also in evidence in color of beak, shanks and

feet, which are by nature freed from deposits of the black pigment.

So much as related to sex distinctions as regards black. The law by which males universally secrete more red is in evidence with Barred Rocks today, chiefly as a mark of the carcass. The taint of brassiness in plumage was formerly a pronounced defect. It has to a noticeable degree been driven inward to the carcass. If the Rock was a white-fleshed breed the problem to breed out brassiness would have been a much more difficult one to meet. Our American or yellow-fleshed breeds have been a manifest advantage over the white-fleshed, their carcass receiving the color which would otherwise be driven outward to the plumage.

Several phases of the subject of Barred Rock color which I have not touched upon lie outside of the point under discussion, and this article should not be drawn out longer. The ideal of the breed is scantily presented in our present Standard. As I had pointed out long before the last revision, the bluish tinge is not produced by "the over-lapping of the feathers". The member of the revision committee who contributed this statement must have had a husky imagination. The Standard includes male and female plumage under a single color description. The exhibition male of the present day shows none of this bluish tinge. Is it because his feathers do not properly "overlap", or what is the matter? I will discuss this matter later.

say which of these types would be best to follow, in the pursuit of the 200-egg fowl, but there are certain points, however, which I want to suggest.

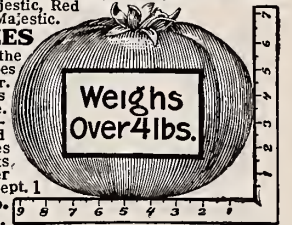
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Chickens eat the insects and furnish excellent fertilizer for fruit trees. 500,000 trees for sale—Apple, Pear, Plum, Peach, Quince and Cherry. All northern grown, hardy, healthy, shapely, and true to name.

AGENTS PRICES CUT IN TWO Green's Trees DIRECT TO YOU.

Save about half of agents' prices. Get your trees direct from us. Send for my complete 1912 catalog. It has valuable information for you. Send now and I will give you my illustrated book—"How I Made The Old Farm Pay."

Established 33 years. Capital \$100,000
GREEN'S NURSERY COMPANY
Box 50, Rochester, N. Y.

THE TWO HUNDRED EGG HEN

By Fred C. Gabriel

(Continued from page 313)

Leghorn and the Minorca. These two families differ again, the Minorca being decidedly larger than either the Wyandotte or Rhode Island Red. The Leghorn matures a little earlier, the back is not quite so long; they are not quite so high in station, nor so large in head gear as their cousins, the Minorca, and are perhaps a little more nervous. I shall not attempt to



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Send 5 cents (stamps) mention this paper, I will enclose in the catalogue a packet of the above GIANT pansy.

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WE want every reader of this paper who has a garden to TEST these 6 splendid new vegetables. We know they will give such wonderful results that they will make thousands of new customers for us, and all we ask is for you to send your address at once plainly written on a Postal Card and we will mail you these 6 sample packets absolutely FREE for testing.



Giant Climbing Tomato—Most wonderful tomato you ever knew. Climbs trellises 12 to 20 feet. Fruits often weigh 3 lbs. each, very smooth and solid, few seeds, handsome red color.



12 Day Lettuce—After once trying this variety you will say it is the quickest tender on record, always very growth, crisp and sweet.



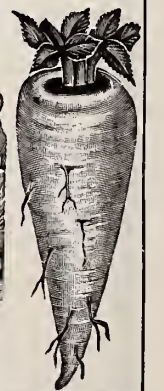
15 Day Radish—A wonder for quick growth. Will produce radishes fit to use in 15 days. Is very crisp and tender, scarlet color.



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60 Day Cabbage—Quickest growing cabbage in the world. Heads quick, very solid and splendid quality. Try it and you will say it is a wonder.



Sugar Parsnip—Very best variety for home gardens. Roots large, very smooth, flesh fine grained and excellent quality.

Remember we will send a Sample Packet of all these 6 varieties of SEEDS absolutely FREE to every reader of this paper who has a garden and will test them. Several dollars worth of vegetables can be grown from this lot of seeds. Write your name and address plainly on a Postal Card and it will bring them. Do it today before all the sample lots are taken. Our 1912 CATALOGUE of Vegetable and Flower Seeds, Plants, and Rare Fruits with our Special Bargain List with Color Plates, will be sent FREE with every lot.

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movement among markets to command a higher price for large eggs. Recent New York quotations place extra large eggs at five cents per dozen in advance of the market, and the same week Denver quoted them at an advance of four and one-half cents per dozen. It necessarily follows that the practical man wants to get the best price and hence wants the type that produces the largest eggs.

The question arises then what is that type? It cannot be disputed that the Minorca has a reputation for monstrous eggs, that is the envy of all breeds. Now let us return to the reason—take your Standard and read. You will find that at one pole of the poultry world is the Cochín type and at the other the Minorca type. Doesn't that extreme in type correspond with the extreme in egg production? For if the Leghorn and the Minorca are about equal in egg production and the Minorca egg is much larger, there must be a greater egg capacity.

What is it then in their difference in shape that causes the difference in size of the egg? One might say it was in the difference in the size of the fowl, but you are at once met by the question, "Why does the big Orpington lay an egg no larger than the Leghorn?" I shall not attempt to answer the question. Frankly, I don't know, but I believe that if you will look first to the shape and then to the

color of your fowl, you will progress faster toward the 200-egg strain. But remember this, that if you attempt to breed your general purpose fowl to the extreme in egg production by changing the type, that when you have reached the goal you will look back and discover you have lost your general purpose fowl. The Jersey cow cannot be bred to give her rich milk, and at the same time equal the Holstein in her production of forty quarts a day, and still combine the beef qualities of the Durham. This is an age of specialties, of special lines. There is a place and lots of room for all. The great Asiatic breed is needed and well does it fill its place. Let the American class continue to be the general purpose and the all-around useful fowl, and let the Mediterranean class fill the basket. But let us not deceive ourselves or our customers by claiming all the extreme in our favorite breed. No one breed does now or ever will combine the extreme of meat and eggs.

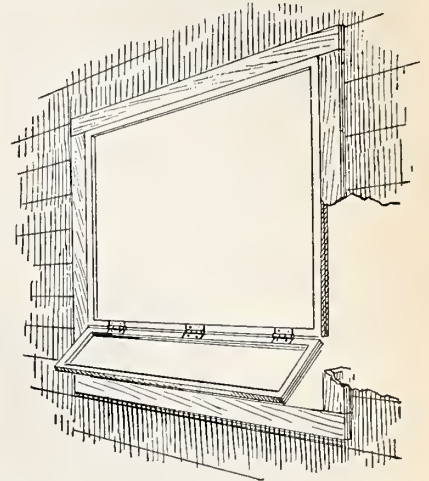
THE LONG OPEN FRONT HOUSE

By J. W. Sayer

(Continued from page 315)

to save expense but to give us a yard in which we can use a horse to plough and cultivate when necessary. I might

say also that as this house is to be used for layers only, and for student practice work, running the two pens



This design is made to show the construction of the curtain used in the front of the house described in the accompanying article.

together works fairly well. Of course, the hens have got to be taught to go into their own pens. Removable gates are used to make a part of the yards, between the first posts and the platform on the front of the house, so that we can drive through the yards and back a team up to any pen in the house. There is a three feet fence

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.

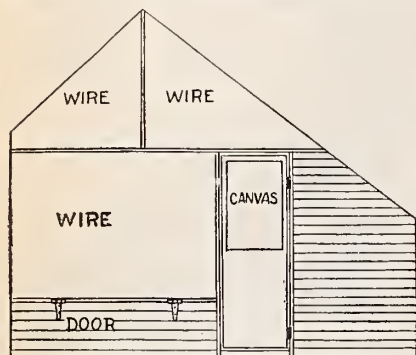
R. F. D. 5

Northport, Long Island, N. Y.



along the front of the platform which is also made up of removable gates.

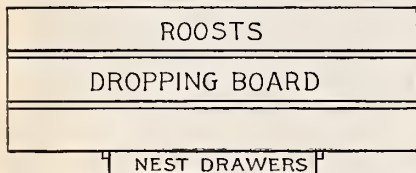
We are now keeping 25 pullets in each pen, the pens being 2x14; 126 square feet allows each pullet 5 square feet of floor space. In regard to the use of the drop curtains would say, that we haven't had occasion to use them very much yet and what few



Design showing construction of partition.

times we have used them, was generally because of a very high cold wind and then perhaps it would only be necessary to drop one curtain, according to the direction of the wind. The partition between the two pens being partly of wire, would give both pens plenty of air with but one curtain up, in such weather as this. For an experiment we took four curtains and had 12 inches cut off the bottom of them and replaced with hinges, so that we could shut down the curtain and just have this lower foot turned up.

I noticed one morning after a rather cold night, when I found it necessary to close down the curtains at one end of the house, where we had our youngest stock, that when I came into the house to feed that every window



This shows the method of installing dropping boards and nests.

except these where I had this foot of the curtain open were so covered with frost on the inside that I could scarcely see out of them, while those in the pens where we had this little opening, the inside of the window was almost clear. I thought that a pretty good illustration of the necessity of a little fresh air.

The pullets are allowed out of doors every day, except in very stormy weather and are fed inside the pens in the morning and outside in the yards in the afternoon. Mangles are fed every morning for green feed and just what they will eat during the day, because if they are left in this house over night, they are soon frozen.

THE ALTON POULTRY ASS'N.

The second annual show held by the Alton Poultry Association at Alton, Ill., November 30th to December 2nd., 1911, was the largest held in the

state to date, and will be exceeded only by Chicago and Springfield.

Classes were filled and the quality equal to that exhibited anywhere. It was a score card show and in the larger classes competition was fierce; 94 and 94 1/2 pt. birds "also ran". Cash prizes amounted to nearly \$400.00 and seven silver cups were awarded, and in addition to the above various special merchandise prizes valued at nearly \$100.00.

A special feature of the show was

a purse of \$30.00 to be competed for only by the customers of members of our association, either stock bought from or raised from eggs purchased from members. The large number of entries in this class insures the continuation of this feature in our subsequent shows; being good advertising both for the buyer and seller. A total of 738 specimens were exhibited, embracing 28 Standard varieties besides Bantams, Ducks, Geese and Turkeys.

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 next. Settings 15 eggs \$2, \$3 and \$5. Satisfaction Guaranteed.

E. C. HEWITT,

GRANVILLE, N. Y.

WHITE INDIAN RUNNERS and WHITE WYANDOTTES

On two entries at Madison Square Garden, we won first young duck and second young drake. We have White Runner Ducks as good as they grow, and will sell a few eggs from mating containing our Madison Square winners at \$2.00 per egg straight. Other matings \$10.00 per 12. We also breed White Wyandottes that win. Mating list free for the asking.

RENDOTTE FARM,

P. O. Box 300,

ATLANTA GA.

There is But ONE PEARL GRIT

Don't be misled. The Pearl Grit you hear poultrymen talk about is the PEARL GRIT manufactured by us right here at Piqua, Ohio. There are reasons why it's the best thing of the kind for poultry.

The Double Purpose Grit

It's the sharpest and best thing for food grinding. Leading poultrymen say that by using it they find no unground grain passed in the droppings. That means good digestion and good health. But Pearl Grit is

More than "Teeth" to Poultry

It is rich in the materials that are usually supplied by oyster shells. Here's the point: It is *both grit and shells*. It supplies the lime, the silicon, the magnesium, etc., that fowls must have to make egg shells, bones, feathers and the beautiful colors in the plumage. Don't buy two articles when one answers every purpose. And don't buy grits of unknown value. Pearl Grit is the standard. If you are not already certain of that write and let us send you a little book free that will convince you.



Trade Mark

THE OHIO MARBLE CO., 751 S. Cleveland Street, Piqua, Ohio.

WHITE WYANDOTTES AS UTILITY FOWL

By F. H. Wood

(Continued from page 312)

prospective customers one would suppose the idea was abroad that market poultry did not need to have any special breeding to make it desirable for that purpose and to command the highest prices as such. The fact is, this correct Wyandotte shape is a very valuable asset anyway one may look at it either from the utility or fancy standpoint, and it requires study, patience and good judgment to produce it.

Since chickens must have combs it is quite desirable that appendage should be small, low and well fitting, so as to be adaptable to all climates and conditions. The Wyandotte comb answers these requirements to a nicety. Everyone must know that a hen with a frozen comb will lay very few or no eggs at all. I have never known a White Wyandotte to have a frozen or frosted comb. On this account they can be housed at low cost. A tight, single-boarded house will furnish ample protection in this climate. This is no small advantage in these times of high-priced lumber and materials. If bred to the Standard they will have a short head, short neck, short legs, small wings and dress with the least possible waste or offal, which makes them a prime favorite with the dealer and consumer.

STANDARD WEIGHTS A HAPPY MEDIUM

In placing the weights for adult males at eight and one-half pounds and six and one-half pounds for adult females, cockerels seven and one half pounds and pullets five and one-half pounds, the authors of the Standard have hit upon the happy medium in all chickendom. These weights or size when maintained insure a carcass most sought after in the markets. This size gives us the limit beyond which it is hardly safe to go if expecting the maximum of egg production and that at low cost. The color of plumage—white—is exceedingly popular, and when roaming the green fields the beautiful contrast against the verdure of nature is sure to attract the attention of the passerby to their advantage. This white plumage also admits of the birds being dressed for market with the least trouble. The rich yellow skin of the White Wyandotte, together with its typical plump, round shape, are sufficient reasons for its being the most attractive chicken carcass that can be placed on the market. They are fine as roasters and capons. And I believe it is generally conceded among those in a position to know that the chicks make the best and most profitable of broilers.

MANY GOOD QUALITIES

White Wyandottes are active and good foragers and in the open season will glean the field for a considerable portion of their food. They are docile, bear confinement well and a fence four or five feet high will restrain

them. They are good sitters and mothers although not over tenacious, and if shut up as soon as broodiness is discovered will be laying in a very short time. The fact that the hens of this variety may be depended upon to hatch and rear chicks is a great convenience and not the least of her practical accomplishments. In the conduct of a poultry establishment or to

the beginner in a small way, setting hens are really a necessity, and to have them at hand when needed is a saving of time and money. The females lay exceedingly well throughout the year, and especially is this true of the fall and winter months when eggs are almost vertiably worth their weight in gold, as at the present writing, when buyers are passing our door

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.

COCKERELS

EGGS

CHICKS

I will give you better value for the amount invested than you can obtain elsewhere.

EZRA C. CARTER,

MARATHON, N. Y.

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.

Horse Secrets and Horse Sense

A Liberal Supply of Both for a Dollar

The "Horse Secrets" are told by Dr. A. S. Alexander, the celebrated veterinarian, in a book of that name. This book is the only one in existence which exposes all the tricks that unscrupulous horse dealers and "gyp" traders are up to—such as "shutting a heaver" and "plugging a roarer," the "Bishoping" Trick, the "Widow Dodge" and all the other ways of "fixing" a horse. Saves you from being "stung" by professional dopsters, and gives you the laugh on these slick scamps. Also contains many valuable secrets for feeding and conditioning stock, curing evil habits, etc.

Seven editions of "Horse Secrets"—75,000 copies in all—have been distributed by Farm Journal in the past two years, to the great discomfiture of horse-trading swindlers. We will send out many thousand more this winter.

"Horse sense"—as applied to farming, fruit growing, poultry raising, stock breeding and household economy—is imparted through the pages of Farm Journal.

Edited by men who, most of their lives, have had roosters for alarm clocks and learned farming by making a living at it, there's no flub-dub or hothouse theory in Farm Journal—just sound, practical, common-sense teachings which are coined into cash by those who study and apply them.

If you ever buy, sell, trade or own a horse, you need Horse Secrets, and in whatever branch of farming you are engaged you need Farm Journal. They will save and earn you many dollars—yet

For only \$1.00, we will send you "Horse Secrets," postpaid, at once, and Farm Journal every month for four years.

This is the most liberal combination offer (quality of book and paper considered) ever made. You'll do wisely to take advantage of it today.

If you order promptly, we will send, absolutely free, "Poor Richard Revived"—our splendid new Almanac for 1912.

FARM JOURNAL, 167 N. Clifton St., Philadelphia

every week soliciting the practical fruit of the hens' labor at the still more practical price of fifty and fifty-five cents per dozen, which brings to my mind a phrase I used to hear when a lad, "Go it Sal" while you'r young for when you get old you can't." Also their wonderful performances on many egg-laying contests have put them in the front rank as egg producers.

EARLY MATURITY MAKES THEM FAVORITES

They mature early and usually commence to lay at five to six months of age. Some specimens will do even better. But really there is no advantage in this extra early laying. Josh Billings in referring to the precocious youth, once wrote: "The fruit first to ripen is the first to decay." So it happens usually with the precocious pullets that they are erratic, unreliable and can not be depended upon to furnish anything like a steady supply of eggs. And again on the matter of early maturity reason and good judgment should hold sway, for nothing will be gained by striving for extreme earliness in laying, but on the contrary an actual loss in vigor and egg yield will usually be the result.

In the White Wyandotte, we have a variety of poultry that was originated by Americans on American soil and developed to its highest state of usefulness and beauty by Americans. By its great merits it has become famed far and wide and is today a leader in very many foreign lands. Not long ago one English writer wrote that White Wyandottes led in numbers every other variety in many of the shows in Old England. In the November Reliable Poultry Journal, Mr. F. L. Platt, writing about a visit to the poultry establishment of Wm. Cook & Sons while in England, says that he was informed at this plant that the White Wyandotte is ranked third in point of popularity. This is a gratifying concession, coming as it does from the birthplace and originators of all the Orpingtons, the great English fowl, and goes to prove that White Wyandottes are forging to the front in other climes than our own.

This last thought leads us to observe that since the introduction of the latter named variety, its progress into special favor has been steady, constant, sure and is still going forward. The men who have bred, brought out, promoted, if you please, this highly practical chicken have not been possessed of great wealth as measured by dollars, but have generally been practical men of sound sense, judgment and stick-to-itiveness, progressive men who knew what they wanted and also knew when they found it. To most of these men the breeding of White Wyandottes have furnished the vehicle by which they have been conveyed to a comfortable residence on "easy street"—another very practical accomplishment of a very practical chicken.

The writer of these lines has endeavored to keep within the realm of facts, and he trusts that the beginner and the experienced poultryman who may be contemplating a change in

breed or variety will investigate the merits of this justly and widely popular general purpose fowl—the White Wyandotte—in which event I am sure it will be discovered that its merits have not been unduly extolled. So much for the White Wyandotte as the prevailing variety of one of the leading breeds of poultry.

In closing it seems proper to call the attention of the reader to the fact that the great determining factor in the selection of breeding or foundation stock is the breeding behind the specimens selected; the years of patient, intelligent, honest, hard work

with the definite and clear purpose always in view to produce White Wyandottes that are both useful and beautiful and capable of giving a satisfactory account of themselves when employed for every good purpose for which chickens are used and having sufficient stamina and vigor to reproduce these qualities.

* * * "Successful Poultry Keeping" will put you right. What others have done you can do. Get a copy at once. \$1.00 postpaid * * *

HATTON'S S. C. BUFF LEGHORNS
America's Best Blood Lines First prize cock bird at Chicago and Boston 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

FEATHER'S S. C. WHITE LEGHORNS - Eggs for Hatching my Specialty
Eggs from as good matings as exist, 1 bar no one, \$3.00 per 13. Eggs from utility matings, of which I have spent 17 years in building up, a laying strain which cannot be excelled, \$2.00 per 13. When you spend your money with me, you are buying eggs, not reputation. Satisfaction guaranteed. Stock for sale. R. B. FEATHER, WEST LIBERTY, OHIO

Spratt's Patent Chick Meals Nos. 5 & 12



Are the best and cheapest Chick Foods that can be compounded.
None but the Best can be Compounded.

Spratt's Poultry Food No. 3

Is used at the leading Poultry Shows and in the foremost Poultry Yards throughout the world. It is an egg producer and will materially increase the percentage of fertility in the eggs.

Send 10c for "Poultry Culture", "Pheasant Culture" sent upon receipt of 25c. "Dog Culture" sent on receipt of stamp. "Cat Culture" sent on receipt of 10c.

Spratt's Patent Limited,

Factory and Chief Offices at Newark, N. J.

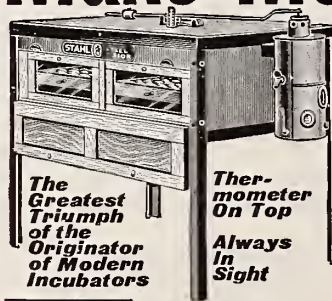
Depots at San Francisco, Calif.; St. Louis, Mo.; Cleveland, Ohio; Boston, Mass; and Montreal, Can. Resident Superintendent at Chicago, Ill. Factories also in London England, and Berlin, Germany.

Make More Money



I WILL HELP YOU

Do you know that many of my farmer customers are *making more money* with Poultry and Eggs than they are with their regular crops? Why not double *your* profits? Why not make a determined start at this profitable business? NOW is the time! Why not let your boy start a profitable business all his own? A most effective way to sustain his interest and to keep him "on the farm."



The Greatest Triumph of the Originator of Modern Incubators

Thermometer On Top Always In Sight

Eggs Turned Automatically Every Feature Most Improved

Stahl's Excelsior Incubators and Brooders

are the sensation of the year! The STAHL EXCELSIOR is simply *taking the country by storm!* Note these *exclusive* Stahl features: My heating system is the *only* one by which all parts of the egg-chamber are heated *evenly*. Thermometer *on top—always* readable. Automatic egg-turning device! My lamp *cannot* explode. Improved Thermostat—*newer and better!* Also Automatic Ventilator and Moisture Regulation. Write me *Send at Once for FREE BOOK* today for my special direct-from-factory prices and my free book "Raising Poultry for Pleasure and Profit." It will convince you that STAHL'S EXCELSIOR is the Incubator you want. Tear this ad out *now* as a reminder to write me TODAY.



GEO. H. STAHL, 220 Oak St., QUINCY, ILLINOIS

TRUTH ABOUT INDIAN RUNNERS

By Mrs. Andrew Brooks

(Continued from page 314)

points, color, condition and markings twenty-five points only. This Standard mentions that eggs are large and white and produced in great numbers. The fawn and white has usually been considered the original color, but Mr. Thomlinson described an all-brown penciled Indian Runner of fine type bred by Scotchmen who preferred that color, the drakes were a French gray with dark heads, but they threw back to the fawn and whites. Other British writers described brown and white Indian Runners as great layers, also White Indian Runners originated from the white sports occasionally thrown by the fawn and white variety. Mr. Thomlinson advised breeders to make the best of the material at hand to preserve the true type that had been identified as belonging to the breed until such time as new blood could be procured from the original source.

R. F. Galleher in one issue of A. P. W. stated that "as soon as ducks free from penciling were shown, the demand became greater and that since then the English penciled Runners have never been a success as an exhibition bird in America." Considering the wrong done them in the Standard, how could they? The future will tell a different story. While the breed was almost unknown in this country, fanciers bred in alien blood to produce a solid fawn color in ducks, and drakes having head and rump markings near the same shade as body color. The 1903 Standard was made to describe such birds instead of the actual breed, and while in words it did not disqualify the English Runners, judges did so in practice, for they gave no best prizes to them when in competition with the kind described in our Standard. That foreign blood was bred in, is proven by the fact that a few years ago nearly all such ducks laid green eggs of a smaller size and fewer in numbers. Since the matter was given publicity, these breeders have been striving to breed out the green, blue or tinted eggs, and some of them claim to have strains of the American Standard show type laying none but white eggs. It is my contention that whether their ducks lay white, green or any other colored eggs, that the impure blood is there, and if bred till Gabriel blows his horn, they are not real Runners. Beginners should know the truth, then if they want the American Runners let them have them for what they are. I object to such being called "true fawn" as the breeders call them. English Standard Indian Runners are the true fawn, are not a light buff, nor a buff nor a pinkish buff, like the ones that take prizes according to the American Standard.

As to non-success of the English penciled variety at the shows, let me tell you that at the recent great Chicago show, English penciled Indian

Runners won first and second prizes, same as did the American Standard ducks, and shows all over the country are following suit by providing classes for them. The Great Southern International placed the English Indian Runner on the same plane with the American type and included it among the one dozen most popular breeds with prizes of \$10.00 to best birds. At the Atlanta show 288 Indian Runners were entered. This tells the story how Southern interest is developed, where it is said Runners know no laying season, but lay all the year.

Mr. Galleher also said that the new Standard is unsatisfactory, and that where it does not please, that breeders must ignore its dictates. If a Standard is not to be accepted as a guide it might as well be put in the fire. I suppose the breeders are taking his advice, for I notice they are still advertising "light fawn" and white, and the new Standard does not

mention the word "light" except in TAIL OF DUCK. Of course, if breeding to Standard, all the light fawns would be fit only for market purposes. Certainly at the New York State Fair they were not awarded prizes, and some were better in type than the winners, and some of the light fawns were sold to the exhibitors as being capable of winning at Madison Square Garden. Mr. Galleher says the "true fawn" ducklings are white when hatched, some showing a slight coloring. This is what purchasers of American stock tell me, that the young come white and a variety of colors bearing little resemblance to each other, contrary to the uniformity shown by the English ducklings which rarely throw a white sport, while it is said the American birds throw many of them. Many White Indian Runners are being advertised, most of them it may be said originated from sports from American Standard Run-

HEIL'S S. C. BUFF LEGHORNS (America's Best) Won the \$25 special for the Best 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.**

GABRIEL'S "RAVEN BLACK" Strain of S. C. MINORCAS

possess the correct egg type. The Sensational Cock bird "Raven" at 5 years of age again won 1st, at the Great South Bend Show, in a big class of quality birds—defeating the greatest birds of the state—see report of show which closed January 1, 1912. Cockerels and eggs for sale.

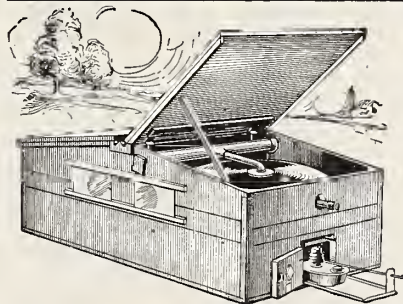
FRED C. GABRIEL,

SOUTH BEND, IND.

"Wigwarm" Specialties For Poultrymen

"Wigwarm" Brooders

Are the least trouble to operate, use very little oil and maintain a uniform temperature and have many essentials not found in any other brooder.



Endorsed by such people as—

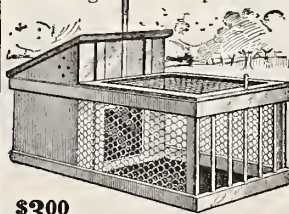
- DR. A. A. BRIGHAM, of the State Agricultural College of South Dakota.
- DR. N. W. SANBORN, Associate Editor American Poultry Advocate.
- MR. A. F. HUNTER, for many years editor of several of the leading poultry papers in this country.
- MR. H. K. JOB, State Ornithologist of Conn. and a Professor of 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.

And in all the progressive State Experiment Stations the WIGWARM Brooder is used and endorsed, as well as by thousands of poultrymen all over the country.

YOU WILL HAVE STRONG AND HEALTHY CHICKS IF YOU USE A WIGWARM BROODER.

"Wigwarm" Setting and Brood Coop

For a hen and her chicks and while she is sitting. Gives protection from rats, skunks, hawks, and other enemies. Insures larger hatches—fewer broken eggs.



\$3.00

Size, 2 x 4 feet, 2 ft. high.

No. 0 Colony Laying House

Fitted complete with nests, fountain and feed trough. Sanitary. Easily cleaned and aired. One man can easily care for several hundred birds. Nicely painted. Can be put together in fifteen minutes. Size, 10 x 4 feet, 5 ft. high. For 12 hens.



\$20.00

Write to-day for Poultry Catalogue F.

E. F. HODGSON CO., 116 Washington St., Boston, Mass.

ners. Such lack type and are not true Runners, no matter if they do lay white eggs.

Mrs. Harshbarger in a recent article says "there are two varieties of Indian Runners, one of the light fawn and white, our own American Standard bird, the other the English Standard, a penciled variety commonly known as the brown and white, which

There are strains of English Runners that are of mixed parentage, but that there are strains of English Standard Runners that never produce layers of green or tinted eggs I have personal knowledge.

Mr. Walton in a recent letter to me says, "They (the American breeders) cannot get a fawn and white Indian Runner without penciling; if they shut the door on the penciling, they shut it altogether upon the breed whose name they have taken. If they want Indian Runners they must take the Indian Runner plumage, if they don't want the plumage, then they can't have the breed; they have not the least right to adopt the name of an established and distinct breed and apply it to their common ducks, and the name should be taken from them." A sane conclusion; when a stream has become contaminated it is well to drink at the fountain source, as nearly as possible.

—o—
**J. H. CROSSLEY,
MAGNOLIA, N. J.**

J. H. Crossley of Magnolia, N. J., closed a very successful show season by winning 2nd cockerel, 3, 4 pullets and 2nd pen at the big Philadelphia show. Mr. Crossley showed the southern boys some fine Reds when he sent a pen and one pullet down to Hagerstown, winning 1st on both entries. First pullet we considered one of the best S. C. pullets of the season. Mr. Crossley sells eggs that produce, as we saw a fine cockerel win 1st and color special in a hot class, and this bird was hatched from eggs sold by Mr. Crossley. Besides another 1st prize pullet was sired by a cockerel that he sold to the party. This speaks well for Mr. Crossley and his methods of doing business. He is one of the very few breeders that sell day old chicks from their star matings, and as he is an expert on incubation, chicks that he delivers invariably live, grow and thrive. When you order day old chicks or eggs for hatching from him you get what you pay for. Send for his circular and address, Magnolia Poultry Yards, Magnolia, N. J. Mention AMERICAN POULTRY WORLD.

*** Now ready—latest edition of the Plymouth Rock Book. All interested in this variety should send \$1.00 for a copy. Orders promptly filled ***

*** Red breeders cannot afford to be without a copy of the book "The Rhode Island Reds". Instructive as well as interesting ***



The hen depicted above is one of beautiful type with pureness of color that made her an easy winner in her class. She meets all requirements for a high class exhibition specimen yet shows a length of body that is essential when we are desirous of a productive bird. That the Regal strain of White Wyandotes are layers as well as prize winners is an established fact and J. S. Martin is to be congratulated upon the production of such a strain.

are disqualified in the shows. They are inferior birds with which the country is being flooded, and are advertised as true fawn and white."

In regard to these "inferior" birds, I need refer you to only two of the latest of the Australian egg-laying competitions. In the 8th annual contest, duck competition was won by English Standard Indian runners, two pens averaging about 200 eggs per duck, and no meat food was fed in the mash of the ducks during the entire time of the test. In the 9th annual contest the duck competition was again won by English Standard Indian Runners; six ducks laid 2,464 eggs in two years, which was 95 eggs more than was laid by the winning pen of White Leghorns in the same length of time. Good as the record is, it would most likely have been excelled by a pen in which every bird was killed by a fox when they had been in the competition one week less than nine months. The six ducks had then laid 1,195 eggs. As previously explained, the English Standard Indian Runners are the ones entitled to be called the true fawn and white.



1c. A Month Will Double Your Profits

Keep your hens laying heavily while eggs are still up. Let Pratts Poultry Regulator make money for you. We guarantee that

Pratts Poultry Regulator

will do this for you at a cost of one cent a month per hen. It is the most economical tonic you can possibly give your chickens. It will help you get the benefit of every ounce of feed given the fowls, and also keep them in healthy condition. It is a sure egg producer.

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GUARANTEED

OR MONEY BACK

No poultry troubles when Pratts Poultry Regulator is used. Successful breeders regularly purchase Pratts Poultry Regulator in ton lots. Would they do this if it did not pay them a handsome profit? Try it at our risk. Our dealers refund purchase price if you are not satisfied.

25 lb. pails \$2.50. Also in smaller packages and 100 lb. bags.

Look out for lice. Dust the fowls with Pratts Powdered Lice Killer. It is swift, sure death to these pests.

Get our 1912 edition Poultry Book, mailed free.

PRATT FOOD COMPANY

Dept., 47 Philadelphia, Pa.

Pratts Animal Regulator builds up run-down horses, cows, calves, hogs and sheep.



THE INTERNATIONAL SHOW

By J. H. Drevenstedt

(Continued from page 323)

classes, but there was not enough of it to go around.

Leghorns also suffered a relapse, numbering only 259 specimens against 476 in 1911, but there were many "beauty brights" in the White Leghorn classes, notably the first and fourth prize cockerel, first hen and first pullet, and we take pleasure in complimenting Judge Burgott on the manner in which he handled these difficult classes. The competition was so keen and the quality of the birds in the money so even that it was a toss up "which was which" in several instances.

We further wish to congratulate James O. Moore of Moore Bros. on the great progress he has made in showing his White Leghorns up in their best form. It was a treat to handle his birds, they were so well trained. We particularly fancied his fourth prize cockerel, a young fellow just growing into his prime, but who will prove a most formidable contender when he reaches maturity. In head points, style, shape and color this youngster is a star.

Anconas came next in the Mediterranean class and they certainly showed the quality, being most superior to that seen at previous shows.

The star of the class was the first prize cockerel, winner of the A. P. A. gold medal for best cockerel in the show. This bird in our opinion is several years in advance of the present Standard of the breed, his comb and lobes being exceedingly fine, while in shape and style he was almost typical, but in color he excelled anything we have ever handled in Anconas, the black being a lustrous green, the white tips or spangles sharply defined and the flight and tail feathers almost a solid black with occasional white tips. The winning cocks, hens, pullets and pens were also of a very high class as far as color markings were concerned.

Brahmas dropped from 24 to 7 entries; Cochins from 49 to 3 entries from 1911.

Langshans were not as numerous as last year, but they were magnificent in quality, notably the first prize pen, one of the best in type and color, we have seen in many years. Urban Farms made a clean sweep in these classes, winning the handsome silver shield offered for the best display.

Minorcas dropped from 104 to 37 and Polish from 196 to 60, that is all. Dorkings and Hamburgs, small classes.

Faverolles, 24 entries, notably in whites, but Houdans fell down somewhat in numbers. Campines looked good with 25 specimens entered.

Games increased from 101 to 178,

but principally in the Pit Game classes.

Waterfowls numbered 75 specimens only.

—o—

The comparative entries are as follows:

	Individual Specimens	
	1912	1911
Anconas	72	126
Andalusians	23	22
Brahmas	7	24
Buckeye	5	6
Campines	25	0
Cochins	3	49
Cornish	13	40
Dorkings	24	0
Faverolles	24	18
Games	178	101
Hamburgs	19	32
Houdans	33	56
Javas	26	7
Langshans	38	51
Leghorns	259	476
Minorcas	37	104
Orpingtons	214	221
Plymouth Rocks	259	403
Polish	60	196
Rhode Island Reds	185	154
Sussex	8	0
Wyandottes	295	314
Any Other Variety	23	0
Lakenvelders	5	0
Phoenix	9	0
Bantams	165	207
Ducks	61	0
Geese	14	0
Turkeys	19	0
Total	2113	2610

WINNINGS OF A. P. W. ADVERTISERS

ANCONAS:—Urban Farms, 1, 5 cock; 2, 3 hen; 1 cockerel; 2 pullet; 4, 5 pen.
 CAMPINES, SILVER:—Urban Farms,

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.
 WM. C. BOWMAN, Mgr.

Oakland's Poultry Farm
 Trenton Junction, N.J.

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.
 WM. C. BOWMAN, Mgr.

Oakland's Poultry Farm
 Trenton Junction, N.J.

1 cock; 1, 2 hen; 2, 3 cockerel; 1, 3 pullet; 1 pen.
CAMPINES, GOLDEN:—Urban Farms, 1 cock; 1, 2 hen; 1, 2 pullet.
DORKINGS, COLORED:—Urban Farms, 1 cockerel.
HOUDANS:—Urban Farms, 4 cock; 3 hen; 2 cockerel; 3 pullet; 1 pen.
JAVAS, BLACK:—Urban Farms, 3, 4 hen.
JAVAS, A. O. V.:—Urban Farms, 1 hen; 1 pullet.
LANGSHANS, BLACK:—Urban Farms, 1 cock; 1, 2, 3 hen; 1, 2, 4 cockerel; 1, 3, 5 pullet; 1, 3 pen.
LANGSHANS, WHITE:—Urban Farms, 1 hen; 1 cockerel; 1 pen.
LEGHORNS, S. C. WHITE:—Moore Bros., 5 cock; 1, 4 hen; 1, 4 cockerel; 1, 2 pullet; 2 pen.
ORPINGTONS, S. C. BLACK:—Rock Creek Farm, 3 hen.
ORPINGTONS, S. C. WHITE:—Rock Creek Farm, 5 hen.
M. S. Gooding, 5 pullet; 3 pen.
PLYMOUTH ROCKS, WHITE:—Urban Farms, 1 cock; 1 hen; 1 cockerel; 1, 5 pullet; 1 pen.
RHODE ISLAND REDS, R. C.:—Rock Creek Poultry Farm, 2, 3, 4 cock; 2 hen; 4 cockerel.
C. E. Riley, 1 cockerel.
RHODE ISLAND REDS, S. C.:—Rock Creek Poultry Farm, 1 cock; 1, 4, 5 hen; 2, 3 cockerel; 2, 3, 5 pullet.
Henry W. Alt, 3 cock; 3 hen; 1 cockerel; 1, 2 pen.
SUSSEX, S. C. LIGHT:—Urban Farms, 1 cock; 1 hen; 1 pullet; 1 pen.
SUSSEX, R. C. LIGHT:—Urban Farms, 1 cock.
WYANDOTTES, COLUMBIAN:—Hillhurst Farm, 1, 5 cock; 5 hen; 4, 5 cockerel; 2, 3 pullet; 1 pen.
WYANDOTTES, PARTRIDGE:—Sheffield Farm, 5 cock; 2 hen; 2 cockerel; 3, 4, 5 pullet; 2, 4, 5 pen.
WYANDOTTES, SILVER:—Leroy W. Seigfried, 2 cock; 4, 5 hen; 4 cockerel; 3 pullet; 2 pen.
Twin Bros. Poultry Yard, 4 cock; 4 pen.
LONG TAILED JAPANESE:—Urban Farm, 1 cock; 1, 2, 3 hen; 1, 2 cockerel; 2 pullet.

SPROUTING OATS

Methods and Appliances Used Discussed. Value as an Egg Producer

By F. W. Matteson

Complying with the request of the Editor of A. P. W. for my method of sprouting oats, I take pleasure in furnishing the following description:

Two or three quarts of oats are placed in a galvanized iron bucket, filled with tepid water and kept near the kitchen fire for 48 hours. They are then turned into a wooden tray, which is one of a stack of trays which will be described further on. The oats should be spread about an inch deep, although the exact depth is immaterial, and as each tray is filled it is inserted at the bottom of the stack. In this way the oats that have been soaking the longest will be in the top tray and can be conveniently fed when they have sprouted sufficiently. When turned into the tray they have quite a sour smell and they should then be very thoroughly watered to wash as much of this smell away as possible. They should be watered twice per day thereafter, always with tepid water.

The oats should be turned over and mixed twice by hand after they show signs of sprouting, and should be ready for feeding in six or eight days after being turned into trays, the time required being dependent on the temperature of the room in which they are kept. If left long enough they will produce a tough green sod, but I

prefer to feed them when young and tender.

The trays are about two feet long by one foot wide, the sides about three inches high and the ends about five inches. A few holes are bored in the bottom for drainage. When placed in a stack, one on top of another, each tray rests on the ends of the one below it, thus leaving openings on the sides about two inches high for ventilation and some light, thus avoiding mildew.

I make my trays from California orange boxes, which can be had for almost nothing, using the ends and center partitions of the box for the bottom and ends of the trays and the slats of the box for the sides of the trays. It takes but a very few moments to make a tray from these boxes. They can, however, be made from any convenient material, the dimensions given not being arbitrary, the only requirements being that the ends should be higher than the sides, so that when they are placed in a stack there will be openings at the sides for light and ventilation. My principal difficulty in sprouting oats heretofore had been the inconvenience in having a lot of trays scattered about.

I stack my trays across the laundry tubs in the basement, which happen to be at the window. The base-

ment is not very warm and there is very little sunlight, but notwithstanding this, I have no trouble in sprouting the oats. During the past winter six trays as described have given an abundant supply for 45 fowls. There is no doubt whatever that for the production of a 200 egg-hen the use during the winter of sprouted oats or other succulent green food is necessary.



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 slop 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, send direct on receipt of price, \$1.25. Satisfaction guaranteed.
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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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BABY CHICKS AND DUCKLINGS

	"LIVEABLE KIND"	
S. C. White Leghorns	-	\$12.50 per 100
White Wyandottes	-	15.00 "
Imperial Pekin Ducks	-	25.00 "

Write for Booklet. Hatching Eggs.

WHITE HORSE FARM, Box 155, PAOLI, PA.

Rippley's Perfect Shipping Boxes

For Day Old Chicks—and Eggs



Size	Doz.
15 Egg	\$1.10
30 Egg	1.85
50 Egg	2.50
100 Egg	4.00

Stand the weight of 5 men. Made of strong corrugated card board. Dead air cells keep out heat and cold. Chick boxes have perfect ventilation. These boxes deliver the chicks 3,000 miles safely, and eggs in a hatchable condition, and save express charges. Satisfaction or money returned.

Cheapest and Best Boxes Made

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. Bdis., We charge 25c Extra for each Bdl broken.



Perfect Chick Boxes	
100 Chick Size	\$2.95 Per Doz.
50 Chick Size	1.75 Per Doz.
25 Chick Size	1.25 Per Doz.

RIPPLEY MFG. CO., Box P, Grafton, Ill., U. S. A.

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.

THE ALBANY, N. Y., SHOW

THE SECOND ANNUAL SHOW ONE OF QUALITY. MANY GARDEN WINNERS AMONG THE ENTRIES. ATTENDANCE VERY GOOD. A. P. W. ADVERTISERS NUMEROUS AMONG THE WINNERS

BY GEO. W. TRACEY

The second annual show of the Fort Orange Kennel, Poultry and Pet Association was held in the State Armory, Albany, January 1st-5th, inclusive, 1912. The entries including pigeons were 1131. The poultry entries proper numbered 907, with a total of 1487 birds. Owing to some error in sending out premium lists a large number that intended to show failed to do so as they did not receive entry blanks.

The cooping was done by Spratts, and the general arrangement of the show was satisfactory. Superintendent J. D. Jaquins is the right man for the place and the exhibitors were generous in praises for his care and attention to them and their birds. The awards were placed by Judges Drevensstedt, Bouck, Weed and Mosher, and were generally satisfactory. The general quality of the exhibits were good; in many instances away above the average and many of the winners would give a good account of themselves at Madison Square Garden or in any show. In fact there were a number of Garden winners among the exhibits, 3rd White Wyandotte cockerel at the Garden being clearly outclassed. The leading classes were, Wyandottes, Rocks, Reds, Orpingtons and S. C. White Leghorns. The White Wyandottes led in points of numbers with 95 singles and 18 pens.

Dr. Edw. J. Nesbitt, proprietor of Locust Hall Poultry Farm, R. F. D., Poughkeepsie, N. Y., entered a splendid string, winning the lion's share of the ribbons. We mislaid his winnings, but they included first pullet and the grand special for best display. First pullet ranked with the great pullets of the year and we have seen the winners at all the big shows including the Garden. Dr. Nesbitt is becoming recognized as one of the leading Barred Rock breeders.

His farm is located four miles from Poughkeepsie and he raises about 1,000 choice specimens each year. The doctor advised us that his egg matings, both cockerel and pullet, will be very select and he will sell eggs from the best for three dollars per thirteen. He also has some very fine exhibition and breeding males and females for sale at very low prices. We heartily recommend Locust Hall Poultry Farm Barred Rocks as we know they have the goods.

W. B. Drumm, the Barred Rock specialist of Chatham, N. Y., not content with his big winnings at Great Barrington, Chatham and New York State Fair entered a string here and won first cockerel, 2nd cock, 3rd hen, 1st pen mated to produce exhibition cockerels. First cockerel was a gem and compared favorably with the big winners of the year. This cockerel was also awarded special for best

parti-colored cockerel in show, also special for best Plymouth Rock cockerel in show. Mr. Drumm has had a very successful season, having furnished many winners for important shows. He published a neat catalogue which he will be pleased to send to all readers of AMERICAN POULTRY WORLD.

Niles Smith of Chatham, N. Y., who breeds S. C. Black Minorcas and White Plymouth Rocks of quality, won several prizes in each class. Mr. Smith also exhibited at Barrington and New York State Fair and also won his share of the ribbons. He has good birds and sells them at very moderate prices.

Fred Armer of Ballston Spa, N. Y., cleaned up things in the Buff Rock Alley, winning 2nd cock, 1st, 3rd hen, 1st, 2nd cockerel, 2nd, 4th pullets, 1st pen old, 1st pen young. Mr. Armer was reserving his best birds to show at Boston, so his winning with his 2nd best string denotes the quality of his strain.

A. A. Whyland of Chatham, N. Y., shewed a fine string of Columbian Rocks, making a clean sweep. Mr. Whyland is making a great name for himself with his Columbian Rocks,

BROWN LEGHORNS.
THE EMPIRE STRAIN ALWAYS WINS.



GEO. H. BURGOTT,
LAWTONS
CATALOGUE FREE LAWTONS, ERIE CO., N. Y.

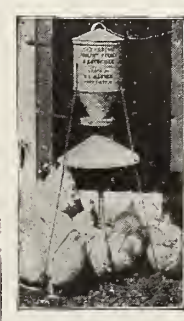
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**The Famous "IDEAL,"
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Shows which hen laid the egg. **Highest Efficiency, Least Attention, Lowest Net Cost.** Plans, Traps, Bands, Record Sheets. Write now for prices and proof.

F. O. WELLCOME,
Box W, YARMOUTH, MAINE

**THE 20th CENTURY
Poultry Feeder and Exerciser**



Gives the whole flock an equal chance, and brings up the vitality of every individual bird. The greatest egg producer ever invented. The exercise promotes good health and contentment of the flock. Increases the number of fertile eggs. Made of best galvanized iron, is rat and bird proof, a life-time machine. Can be regulated for the different kinds of grain, and to feed much or little. No poultry house complete without it. Guaranteed to give satisfaction or money refunded. Our booklet gives the proof; it's free.
H. E. Barnes, Box D. Brink Haven, O.

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, **AUBURN, N. Y.**

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INCREASE YOUR PROFITS

IN SAVING TIME LABOR AND FEED

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Progressive poultrymen know that ordinary poultry brings only 10c. to 15c. a pound on the market, while Capons readily sell for 30c. a pound. The same time, care, feed and labor required to raise ordinary poultry will produce Capons,—but you get double price. Capons make quick meat, tender meat and much of it. The demand for Capons is rapidly increasing and will continue to increase. There is positively no reason why the demand should decrease.

"PHILADELPHIA CAPONS"

are now on the bills of fare in about all of the finest hotels, restaurants, and cafes in the United States and Canada, and the price is always high. Caponize your surplus cockerels and double your poultry profits. Caponizing is not difficult and perfection comes with little practice. Many poultrymen make money caponizing for their neighbors.

PILLING CAPON TOOLS

A "PILLING" CAPON Set with "Easy-to-Use" directions will be sent prepaid on receipt of \$2.50. Send to-day for our free book, "Guide for Caponizing."
GEO. P. PILLING & SON CO., 23rd and Arch Sts., PHILADELPHIA, PA.



LET US TELL YOU HOW

and he is doing a good business with them.

Geo. M. Beecher of West Pawlet, Vt., made things hum in one of the largest and best classes of White Wyandottes ever shown in New York state. There were 185 crackerjack birds in the classes. The winning birds were all stars. Mr. Beecher's winnings in this great class were first pen young, 5th pen old, 5th hen, 4th pullet and 1st cockerel, first pen winning special for best Wyandotte pen in show, first cockerel winning special for best Wyandotte cockerel in show, also special for best solid colored cockerel of any variety in the show. This cockerel was a gem in shape and white as snow. Mr. Beecher has a wonderful strain of White Wyandottes and he breeds his own winners. He sells day-old chicks from his best matings and its a cheap way of securing prize winners as he sells from his best.

A. J. Gies of Delmar, N. Y., also made a sensational win in the White Wyandotte classes, winning 1st hen in a class of 20, 2nd cockerel in a class of 31, 1st pullet in a class of 28 crackerjacks. First hen was a dandy in shape and color, she winning special for best solid colored hen in show all varieties; 1st pullet winning special for best solid colored pullet in show, all varieties competing. Mr. Gies also furnished 2nd pullet, 2nd pen and 4th cockerel. He has long been known as being one of New York State's most expert specialty White Wyandotte breeders and his word is as good as his bond. He has a limited number of fine birds still for sale and he will spare a limited number of eggs at \$5 per setting from his best pens.

Dunlap-Schwind Co. of Chatham, N. Y., Box 4793, made a small entry and won 3rd cockerel on a very fine bird of their own breeding. To win third in a class of 31 crackerjack birds is worthy of mention. This enterprising farm breeds White Rocks, S. C. White Leghorns along with

White Wyandottes and makes a specialty of day-old chicks in all these varieties. They have a 12,000 egg Mammoth incubator and will be prepared to fill all orders promptly and will also do custom hatching. They had a nice display of S. C. White Leghorns, and Manager Schwind who attended the show all week reported as not only selling the entire display but also took many orders for baby chicks and eggs for hatching; in fact, Mr. Schwind said Albany was the best business show he exhibited at thus far.

Henry R. Ingalls of Greenville, N. Y., had things pretty much his own way in the Buff Wyandotte classes, winning best display with miles to spare. Mr. Ingalls has the real goods in Buff Wyandottes and he had some of his best at Albany. First pen old



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.

was the best pen of the season in the estimation of Mr. Lord, the noted Buff expert of Troy, N. Y., who declared

EATON'S FAMOUS POULTRY FOODS

Eaton's Life Saver Little Chick Food
Eaton's Growing Ration
Eaton's Climax Grain Mixture
Eaton's Perfection Mash Mixture
Eaton's High Grade Pigeon Food
The Peerless Self-Feeding Dry Food Hopper

R. D. Eaton Grain & Feed Co., Dept. C, NORWICH, N. Y.



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.

MYERS' LANGSHANS WIN AGAIN

At the National Fanciers Club Show at Indianapolis, Ind. America's Most Perfect Strain Write your wants. Satisfaction Guaranteed. Circular free.
BEN S. MYERS, CRAWFORDSVILLE, IND.

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. Egg by the 100 or more a matter of correspondence.

FAIRFIELD POULTRY FARM,

H. W. Schnitzer, Prop.,

FAIRTON, N. J.



"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.

that Mr. Ingalls first pen was the best pen of Buff Wyandottes in America.

Charles B. McEwan, vice-president of the show, and one of Albany's popular men, had a fine exhibit of his matchless Partridge Wyandottes, winning 1, 2, 3 cock, 1, 2, 3 hen, 1, 2, 4, 5 cockerels, 1, 2, 3, 4 pullets, 1, 2 pens old and young, specials for best display, specials for parti-colored cock, hen and pen. First hen was considered by Judge Drevenstedt as being one of the best Partridge Wyandotte females yet shown. Mr. McEwan's Partridge Wyandottes have a national reputation. He announces that his surplus stock is all sold, but he will spare a limited number of settings of eggs at \$5 per setting.

Columbian Wyandottes were a very strong class. Some very strong wings and fine hackles were the ruling features of the class and the classes in general presented a fine appearance in the show.

In Rhode Island Reds the S. C. class was a hummer. Wyebrook Farm with their Madison Square Garden winners cleaned up things pretty well, but they had to go to do it as there were a lot of good birds in the class. Wyebrook's winnings were 1, 2, 3 cock, 1, 3, 4 hens, 3 cockerel, 3, 5 pullets, 1, 2 pen old, 1, 3 pen young; 1st cock as at New York won shape and color special; first hen got shape and 3rd pullet got color; third cockerel might very well have been 1st but Judge Mcsher thought he was a little out of condition, although admitting that he was the best bird in the class. Mr. C. W. Whitney, owner of Wyebrook Farm, is president of the show and a very popular Albanian. We predict a lot of trouble ahead for S. C. Red exhibitors at future New York shows as Mr. Whitney is very ambitious and his great success at the last show held in the old Garden will spur him on to greater efforts.

Earle Ed. Wells, Prop. Elm Farm, Cohoes, N. Y., won 2nd hen S. C., and in a great class of Rose Combs won 2, 3 hen, 1, 5 pen old and 3, 5 pen young. Second hen R. C. was first pullet at last year's show. It took quality of the highest degree to win this year at Albany as New York winners galore were included in the exhibit. Mr. Wells also breeds White Rocks and S. C. White Leghorns and his flocks of these popular varieties are of the very best exhibition type. Elm Farm is one of the finest dairy and poultry farms in New York state. Mr. Wells states that they have some nice breeders in all their varieties for sale and their pens have been mated up for the coming season since December 1st.

Jenkins & Park of Chatham, N. Y., closed a successful show season by winning 1st cock, 5th hen, 1, 2 cockerels, 3, 4 pullets, 2 pen young and 3rd pen old, winning color and shape Specials on males and State cup for best display. First cock was 1st cockerel here last season. He also won 1st cock at the big Palace, N. Y., show, and in Artist Schilling's estimation he is one of the very best R. C. Reds he ever photographed. First cockerel is a son of this great bird and he bids



THE CLARK FEEDER

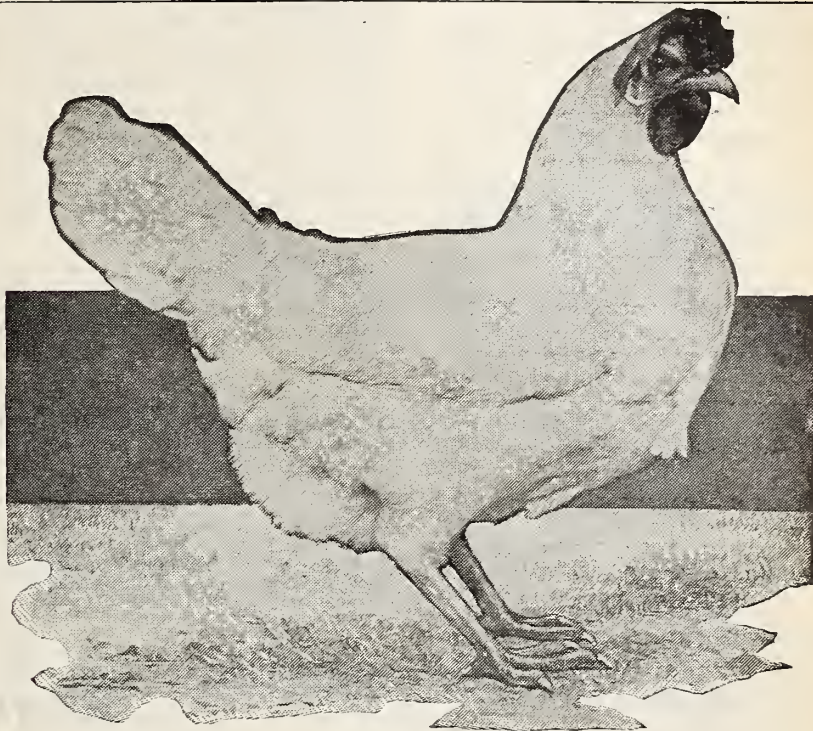
Little in Cost

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



A Missouri Mortgage Lifter.

The Missouri hen is known as a mortgage lifter. Here is one case among many. Mr. M. L. Phelps bought 50 acres near Windsor, Mo., four years ago. Encumbrance \$1500; fences down, house and place generally run down. He started with 400 to 500 chickens. He was soon getting

\$100 a month from eggs.

Mr. Phelps has refenced the farm, improved the house and barn and has paid off the \$1500 out of the egg money. All the while he has enjoyed a good living. Any man living along the Rock Island Lines between St. Louis and Kansas City, who will produce and 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!

—an expert's instruction book on expert poultry methods, written by Prof. Cottrell. His experiences, his knowledge, his advice, as given you in this book, will save you many a false step—make you many a dollar. You would willingly pay for this book, if you knew its contents. Write for your free copy today.

The statements herein made have been fully investigated, and can be absolutely relied upon.

L. M. Allen, Passenger Traffic Manager, Rock Island Lines,
458 LaSalle Station, Chicago

John Sebastian, Third Vice-President



fair to surpass his wonderful sire who also sired winners at some of the biggest shows in the nation. We can attest to the splendid quality of the matings put together by Jenkins & Park and when you order eggs from them you will get what you buy and pay for.

Mrs. W. L. Cobine of Oneonta, N. Y., was an exhibitor in both Rose and Single Comb classes, winning 2, 4 pullets S. C. and 3, 4 cocks R. C. on five entries. Fourth cock is the celebrated Geo. W. who is now four years old. Mrs. Cobine hatched him from a setting of eggs we sold her. He has been a great prize winner, winning 2nd at Boston two years ago, 4th at the Garden last year and has won many blues in N. Y. State shows, never failing to land a ribbon. He is still a great bird and has founded a fine winning strain of R. Combs for Mrs. Cobine, who holds him above price, having refused \$100 for him on several occasions. Mrs. Cobine also breeds White Orpingtons and on this variety she won 1st pullet, 2nd hen and 3rd cock. We cheerfully recommend Mrs. Cobine to our readers as we have always found her to be a true fancier and a woman whose word you could depend upon. It was Mrs. Cobine's desire that we should mention the fact that she secured the foundation for her prize winners from us. She was offered \$75 for her winning S. C. pullet at Albany, but she refused it as she wants her to breed other good ones. She was a fine pullet and was the best in the class.

Dr. Henry E. Chesebrough, the genial Greenwich, N. Y., dentist, again demonstrated the quality of his Rose Comb Reds by winning 2nd cock, 3rd and 4th cockerel, 3rd hen, 1st pullet, 4th pen old and 1st pen young. First pullet won shape and color special and is one of the very best R. C. pullets shown this season. She was sired by 1st cockerel at Madison Square Garden last year who won 2nd cock at the Garden this year, and she is a worthy descendant of a noted winner. She had one of the prettiest heads we ever saw on a R. I. Red. The Doctor won best display at New York State Fair this season. He has a number of high class cockerels and some fine pullets for sale at prices that will suit, and he says that his pens for next season will be the best he ever had and he will sell eggs from each pen. The doctor calls very close, hence he claims he raises a higher percentage of prize winners as per number hatched than any breeder of Rose Comb in the country.

The S. C. White Leghorn class was one of the strongest we have seen and Lewis T. McLean, proprietor of Onda-wa Farm, Shushan, N. Y., won 1st cock, 1st hen, 1, 5 cockerel, 2, 3 pullets, 2nd pen old and 4th pen young, twenty dollar gold special for best display of white Leghorns, ten dollar sweepstakes for best exhibit in the Mediterranean class. The winners shown by Mr. McLean had splendid type, and his winning pullet seemed to us to be just about right. His first prize cock bird would compare favorably with the Mading cock birds of the year.

Mr. McLean invites all readers of AMERICAN POULTRY WORLD who are interested in S. C. White Leghorns to send for his catalogue.

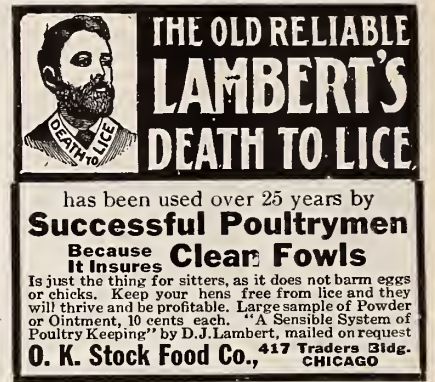
Thos. A. Clark of Rifton, N. Y., entered a few birds and won several ribbons. He breeds S. C. White Leghorns of the true D. W. Young type. He is a reliable breeder and one that will give you what you bargain for. We look for Mr. Clark to be one of the foremost S. C. Leghorn breeders in the State of New York.

J. W. and J. Edw. McNeil of Canaan, N. Y., made practically a clean sweep with their noted exhibition and heavy laying strain of S. C. Buff Leghorns. This farm devotes 150 acres to their poultry, that is, they raise about 1,500 each year and give them the range of the entire farm to grow on, hence they have a hardy, healthy, vigorous flock of Buffs that lay both winter and summer. Besides their great utility qualities they have that pure soft golden Buff that appeals to

S. C. RED PYLE LEGHORNS

Winners at Madison Square Garden, 1911, 1st and 2nd cock, 1st, 2nd, 3rd and 4th cockerel, hen and pullet, 1st pen. My first prize Silver Wyandotte is the acme of perfection in shape and color. Eggs \$2 per 15, send two cent stamp for story of the Pyle Leghorn.

George E. Howell, Spruce Farms, Howells, N. Y.



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

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, CHURCHVILLE, N. Y.** Eggs \$2.00 per setting—3 settings for \$5.00.

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 Brockton 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.

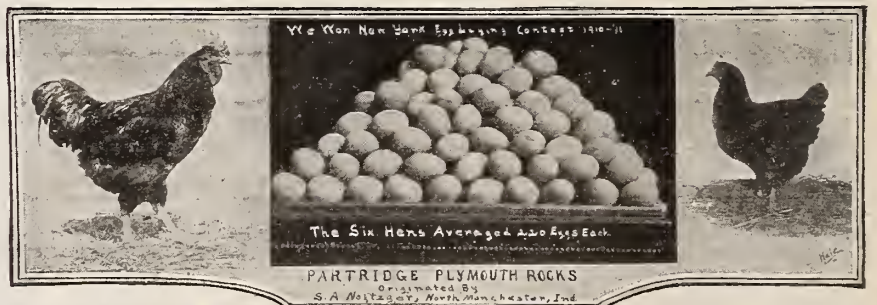
CEDAR AVENUE FARM, R. F. D., SWANSEA CENTRE, MASS.

PURITAN STRAIN

Rose Comb Black Minorcas

Unexcelled for Utility and Beauty, Prolific Layers, Non-Sitters, Light Eaters. At the Big 1912 Boston Show, by far the largest ever held in this country, my birds won on five entries:—1st Cock, 1st Hen, 1st and 2nd Cockerel, 1st Pullet and all specials. Eggs from these winners and grand utility pens at reasonable prices. Send for 1912 mating list.

ARTHUR M. MOODY, NEWBURYPORT, MASS.



BEAUTY The Breed that lays, weighs, pays, stays. The best investment to-day in poultry—Others make them pay you can.

Send for Free illustrated booklet. Write now.

UTILITY Winners for me and customers at all leading shows of America.

S. A. NOFTZGER, NORTH MANCHESTER, IND.
ORIGINATOR OF PARTRIDGE PLYMOUTH ROCKS

the judge and it pulls down the ribbons. They will sell day-old chicks and eggs for hatching from this great farm-raised flock of exhibition S. C. Buff Leghorns.

Rolan Davis, manager of Apple Croft Poultry Yards, New Baltimore, N. Y., accompanied by Oliver Davis, his father and partner, attended the show. They reported making a nice win at the recent Catskill, New York, show, where they won 1st cock, 2nd pullet and 3rd hen in Buff Orpingtons and 1st cock, 1, 2 hen and 3rd cockerel in White Orpingtons. Apple Croft Poultry Yards breed S. C. Buff and White Orpingtons and have made a fine record thus far. They publish a neat mating list and will sell eggs from their best pens.

Chas. Hudson, the noted S. C. Red breeder of New Baltimore, N. Y., entered one pen, but as he had mated up his breeding pens he deemed it wiser not to show. Mr. Hudson breeds the Tracey strain of S. C. Reds and they looked good to me, in fact, he had several pullets that were as good as I have seen anywhere this year and this is no lie. Mr. Hudson will sell eggs from matings that will produce.

Judge Lloyd M. Hallenbeck of Greendale, N. Y., spent a day at the show. Mr. Hallenbeck is an expert breeder of Barred Plymouth Rocks, Japanese Pekin Ducks and White Brazilian or Muscovy Ducks and is the originator of Buff Brahmas, the new variety that carried off the blue ribbons in the any other variety class at the last Garden Show. We believe the Buff Brahmas are comers. Send to him for eggs to hatch in any of his varieties and you will be used right.

Levi T. Ayres of Granville, N. Y., flew in just long enough to look over the Columbians and report a big winning on his Columbian Wyandottes at the big Montpelier, Vermont, Show. The classes were hot and many birds were imported to show, but Mr. Ayres won the lion's share of the blues as well as cup for best display. Mr. Ayres has his pens now mated up and invites all interested to send for his catalogue. He also has a few good birds yet for sale.

In conclusion we will say that the attendance was good and the prospects for next season's show is bright, and it will not be many years before the Albany show will vie with the biggest, and outside of New York will be the most important show in the Empire State.

STILL FURTHER IMPROVEMENTS IN SHEER'S AUTOMATIC FIXTURES

To the thousands of poultrymen throughout the country who have used them, it would seem that any further development of H. M. Sheer's Acme Automatic Incubator and Brooder Fixtures would be impossible. As every poultryman knows, the success of your incubator as a hatcher depends very largely upon the fixtures—they are the vital parts of the machine, and the lamp is the "heart" which operates these important parts. We have before us a book from H. M. Sheer of Quincy, Ill., which gives complete plans and instructions for fitting either new or old incubators with his 1912 Acme Automatic Fixtures and for building Incu-

bators and Brooders yourself. This book describes his Acme Automatic Safety Lamp and gives many valuable pointers about lamps for incubator use. The Acme Lamp is appreciated by everyone who has ever operated a coal oil lamp. It has a crystal glass reservoir this year which enables you to see at all times just how much oil there is in the lamp and when it will again need filling, and as is well known, the only lamp that maintains a constant oil level at the proper height on the wick. This insures perfect combustion and saves in oil consumption. The Acme Lamp has the only burner in the world that will remain comfortably cool when in operation on an incubator with a metal chimney and a metal lamp bowl. There can be no danger of fire with this burning—it hardly gets warm where it comes in contact with the lamp. This one superior feature—the lamp—is alone worth more to you than the price of an ordinary hatcher. It will end forever your lamp troubles. We would suggest that our readers send today to H. M. Sheer, Quincy, Ill., for a copy of this book which describes completely all the Acme Automatic Fixtures for Incubators and Brooders and shows working plans for building machines yourself. Write to Mr. Sheer now—he will gladly send the book free if you mention A. P. W.



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; ask for it today
Chas. L. Stiles, Columbus, Ohio

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Books, Advice, Search and List of Inventions Wanted **FREE**
Send sketch or model for search. Highest references. Best Results. Promptness Assured.

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Exterminate Rats & Mice

Scientifically
No Odors with PASTEUR LABORATORIES' RAT VIRUS Non Poisonous
Easy to use—Harmless to poultry, domestic animals and man. Write for full particulars immediately.
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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.

WATSON'S CELEBRATED STRAIN OF

R. C. RHODE ISLAND REDS

are the greatest layers 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.



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.

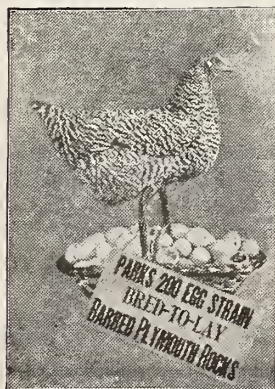
UNAPPROACHABLE SHOW RECORD. The success of Hewes Farm Black Langshans has been the subject of comment by the poultry press from the Atlantic to the Pacific. Our records at such shows as New York, Chicago, Scranton, Buffalo, Springfield, etc., is unequalled.

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.

PARKS' Barred Plymouth Rocks
BRED-TO-LAY



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.

Choice healthy, husky well marked cockerels \$5. Cockerel circular free.

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.

THE SOUTH BEND SHOW

January 1st closed the greatest exhibit in the history of the South Bend Poultry and Pet Stock Association. Judge Tucker gave universal satisfaction and as is always the case, his good judgment, unerringly placed the blue ribbon on the best bird.

The White Wyandotte class was first in point of numbers, and of wonderful quality, three sensational cockerels taking 1st, 2d, 3d and scoring 94½, 93½ and 92, respectively. First cock scored 93½ and 1st hen 94½. Birds scoring less than 92 were not placed.

Competition in Single Comb Black Minorcas was very sharp, as there was a large entry of quality birds, the contest for first cock bird was probably the keenest, the blue ribbon going to "The Raven," a five year old cock bird of magnificent shape and color, owned by Fred C. Gabriel of South Bend, who also won 3-4 cockerels. Many birds of fine quality were not placed. In White Leghorns, the

great contest was on cockerels. First and second were both wonderful specimens. Brown Leghorns were a very good class, having some cockerels that were beautifully colored and some of the first pullets ever seen in the show room. The Rock family was represented more prominently by the White and Buff, while in Orpingtons the Whites were in the lead. Some exceptional Black Orpingtons were also exhibited. In the Reds, I. A. & F. C. Sibley carried off the honors by winning the sweepstakes for the highest scoring bird in the show, a handicap being given solid colored birds of two points. They also won 1st cock-hen-pen and pullet and 1st sweepstakes pen of show.

There was an immense display of water fowl, including geese of wonderful size and ducks of all varieties. The pigeon display was one of the best ever seen here and in point of numbers excelled anything shown here in years. Bantam class was large and many beautiful cats and dogs were shown in the pet stock department.

THOROUGHbred POULTRY

The above is the title of the annual catalogue issued by the Dunlap-Schwind Co., Chatham, N. Y. It is neatly gotten up, well printed and contains many interesting illustrations of the farm, stock and equipment.

The Dunlap-Schwind Co. breed three varieties of poultry, all white, viz.: Rocks, Wyandottes and Leghorns. They have been in the poultry business eleven years and their aim has been to produce a strain of each variety that were hardy and prolific. This is a strain that would conform closely enough to Standard requirements to give a good account of themselves in the show room and yet possess utility qualities that would place them in the first rank as producers of eggs and meat. This subject is freely treated in this catalogue, besides a detailed account is given of their methods, and the farm and equipment is fully described. After reading, the reader is fully informed in regard to the quality of stock, and what he may expect if his order is entrusted to them. The book contains 16 pages and cover, and is free if you mention AMERICAN POULTRY WORLD.

WHITE ORPINGTONS



Superb Type

and

Superior Quality



My birds are absolutely white, of that deep bodied type, low down on legs, up to weight and I know I can please you.

At the last and greatest show held at Madison Square Garden, I again control the winning male birds. My winnings include first cock, third pen, fifth pen and the cockerel heading the first pen. The winning cock, is without doubt, the greatest White Orpington in the world, having defeated the Crystal Palace champion and all the great cocks of America. These great birds, together with my other prize winners, places RUSSELL CAVE WHITE ORPINGTONS far in the lead. Both at Allentown and Augusta, the only other two shows I have made this year, I won at each the cup to that exhibitor whose ten or more birds of one variety showed the highest degree of excellence and uniformity of type and breeding. This record of winning in two of the most important poultry shows in this country the cup for the ten best birds has never been equaled by any other breeder in America.

GREAT STAMINA AND VIGOR

Are to be found in my birds, not usually found in White Orpingtons. One hundred acres in RUSSELL CAVE POULTRY YARDS AND OVER SEVEN THOUSAND ACRES IN "ELMENDORF FARM". Every bird guaranteed as represented and sold with the privilege of return. Write us today for Catalogue and Mating List which gives full winnings of previous years at Madison Square Garden, Allentown, Kansas City, Baltimore, etc. Old English Sheep-dogs for sale.

Russell Cave Poultry Yards,
Elmendorf Stock Farm,

Lexington, Kentucky
Louis Lee Haggin, Prop.

THE DAY-OLD CHICK

By R. C. Caldwell

(Continued from page 317)

methods improved and people began to realize that the shipping of day-old chicks was not a fool's enterprise, the demands for the better grades increased very rapidly. Today it is possible to purchase chicks of the best breeding, and as soon as it is realized that carefully bred chicks cannot be produced for a few cents each the demand for chicks with breeding behind them will greatly increase. Chicks costing from eight to twelve cents each are hatched from eggs costing from seventy-five cents to one dollar per setting; the twenty to thirty cent chicks are hatched from eggs selling for two dollars per setting; chicks costing from one to two dollars each are produced from the very highest grade of exhibition stock. Breeders who are selling chicks are giving as good value as they ever did in the eggs. Reputable men guarantee the safe arrival of their chicks and the customer runs no risk in buying expensive chicks.

In the purchase of chicks the customer is usually guaranteed that he will receive a full count of good lively chicks. This means that the man producing them must have carefully culled out all the weak ones. The average man expects to get twelve chicks from fifteen eggs. If he

were to sort out the weak ones such as would die any way in a few days, he would find that he only had left nine or ten chicks from every setting. This is the process that producers of day-old chicks must use in the selection of chicks for every order. By the time he allows a fair price for the eggs used, added the cost of operation and then discards all chicks whose vitality is doubtful, it is hardly possible to hatch and sell baby chicks at a profit at ten cents each. If he is buying two dollar eggs and secures twelve chickens from each setting and only discards one as a weakling, the actual cost per chick, not including operation, is eighteen and a fraction cents each. The ten cent chicks are good value for the money, but at that price it is utterly impossible to obtain first class stock. Chicks bred from prize winning stock may be secured, but it is necessary to pay a price in keeping with the quality you expect. More and more breeders of the highest skill and national prominence are sending out day-old chicks because of the satisfaction to themselves and their customers. It eliminates the many unpleasant experiences often following a transaction in hatching eggs.

COMPLAINTS FEW

The shipper of day-old chicks will of course receive some complaints which are difficult to handle. Some consignments reach the customer in apparent good order, but within a

few days the chicks begin to dwindle and die. This may have been caused through the carelessness of the transportation company or of the caretaker. It is very hard to know how to handle such cases with fairness to both parties. Reputable breeders are willing to meet the complainant half way. The pleasant thing about the whole business is that these troubles are few and far between.

Any one expecting a shipment of chicks should have their brooding device, whatever it may be, all ready for the little fellows when they arrive, and be sure that the express company delivers the shipment promptly. If you have to call for them at the shipping point, the following precautions should be taken: Do not allow them to remain out in the hot sun; this will only lessen your chance for success. In cold weather if you have far to go take something along to cover them so as to protect them. As soon as you get them home put them in some warm, dry place, either in your brooder or else under some good old faithful hen. Do not allow them to become chilled, which is very easily done on a cold day before one realizes it. This is often the cause of the shipment going bad after it has been delivered in good condition.

THE FIRST CARE

When first received they should be allowed to warm up a little, after which they should be given some

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 the 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 cockerel, third on pullet, third and fifth on hen.

This season's record at New York is 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 a possible 25 firsts at this show, in addition to numerous shape, color and gold specials.

Wherever else we have shown them—wherever our customers have shown them—"Poley's World's Best Buff Rocks" have won easily.

In addition to the wonderful record of "Poley's World's Best Buff Rocks" as a show bird, is their high reputation as a general purpose fowl. They are of great strength, size and vigor, and in laying qualities are unequalled—this is the sort of stock you want.

It will pay you to introduce this strain into your flock. Our new 1912 catalog, giving full details of Poley's famous all star matings, and our mating list, sent upon request. Write for these books, full of information about the best in Buff Rock stock.

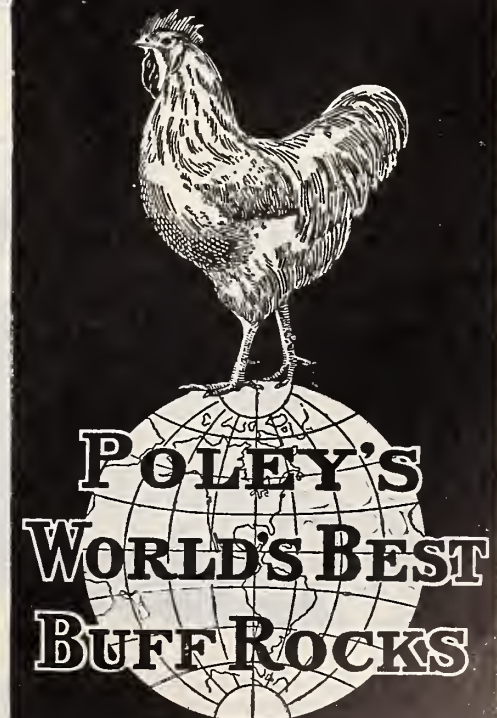
THE LINFIELD POULTRY FARM,

Box W,

LINFIELD, Montg. Co., PA.

ANGELO J. MYERS, Prop.,

JOHN W. POLEY, Mgr.



water. Care should be taken not to allow the little fellows to drink too freely. Like all other travelers they are thirsty and would if given an unlimited amount of water do a serious amount of injury to themselves in a short time. It is best to give them a little bit every half hour until they are satisfied. In a thin layer of sand and chaff scatter a little feed every hour. Any good prepared chick feed is the proper food for them. Scatter it thin in the sand and litter making the little fellows learn to work for a living. Do not overfeed for this means death to your chicks. Whatever method of feeding and brooding that you have had success with will be suitable for raising these chicks. They are just little chicks exactly the same as you hatch yourself and will live and grow under the same conditions as your own thrive.

From all standpoints the shipping and buying of day-old chicks is satisfactory. Each year new breeders are producing baby chicks. This phase of the poultry business will become from year to year larger and more important. It means satisfaction to both buyer and seller.

MORE SUCCESSFUL THAN EXPERIMENT STATIONS

For some time there has appeared in our advertising columns the announcement of the Hen-e-ta Bone Co., Newark, N. J., and Flemington, W. Va., manufacturers of the Patented "Hen-e-ta" Bone-Grits. The remarkable success of "Hen-e-ta" during the four years since which it has been on the market is substantial proof of the value of this product to poultry raisers. "Hen-e-ta" contains about 30 per cent. Tri-Calcium Phosphate, popularly called "BONE ASH"; and it is the contention of the Company, that when "Hen-e-ta" is fed according to directions given in their Balanced Ration Bulletin, that it will save its cost in grain, to say nothing of doing away with costly, diseased beef and fish-scrap. In other words, 500 lbs. of grains plus 150 lbs. of "Hen-e-ta" (making a total mixture of 650 lbs. complete poultry food) will render just as many pounds of protein assimilable and will carry the same

number of birds over the same feeding period as would 650 lbs. of grain fed the "old" way, with oyster shells, grit, etc. This means that at less cost "Hen-e-ta" produces more and harder shelled eggs; produces better stamina and vigor; increases fertility in eggs; saves the baby chicks, and, besides all this, saves the cost of meat, other bone, oyster shells, other grits, charcoal, fish, etc.

The "Hen-e-ta" Bone Co. does not, however, ask poulterers to try "Hen-e-ta" on faith nor on anyone's say-so. They agree to refund the full purchase

price to anyone who uses it according to directions and does not secure the results claimed for it. "Hen-e-ta" is made in four grades: No. 1, Fine; No. 2, Medium; No. 3, Coarse; No. 4, Super-fine. To give it a thorough trial, the Hen-e-ta Bone Co. suggest an order of 500 lbs. divided as follows: 100 lbs. No. 1, 200 lbs. No. 2, 100 lbs. No. 3 and 100 lbs. No. 4, the total cost of which is \$9.00, and any reader of this paper can secure it by writing direct to the Hen-e-ta Bone Co. at either address given above, and shipment will be made from stock carried nearest to purchase.

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.

If you want the best at low prices, we can supply you; also Golden Sebrights and Collie ppps. Large circular, 5 cents.
BROOKSIDE FARM, IRA C. KELLER, Box 50, PROSPECT, OHIO



The Uhl Day-Old Chick Hatchery

The Largest and one of the Oldest in America.

Now over 120,000 Egg Capacity.

We furnish chicks from the high class and prize winning stock of all the leading and most popular varieties.

Send for Catalog and price list.

M. Uhl & Co., Box P. W., New Washington, Ohio

Pratts.

White Diarrhoea Remedy

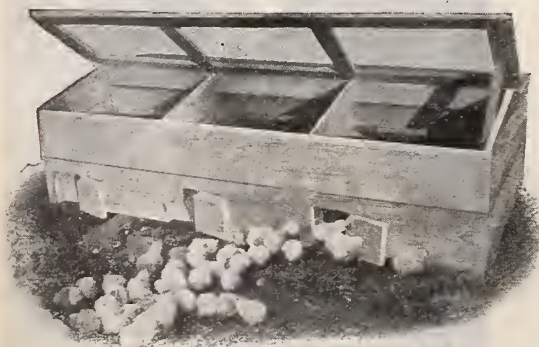
Save the little fellows this season with Pratts White Diarrhoea Remedy

All dealers will instantly refund purchase price if it fails. 25c. and 50c.



PRATT FOOD CO., Philadelphia, Chicago, Toronto.

The Perfection Feather Brooder Works



Wants to Feather your nest, if we were to tell you we were making a Brooder that would raise every chick would you dispute it? If we proved it, would you believe that we had a Brooder that would brood little chicks better than a mother hen could do, where the little chicks could hover at will *in natural feathers* thus avoid being trampled or neglected which would mean a greater profit as well as a pleasure. A Brooder that is heated with a lamp is not natural and is almost impossible to keep it at the right temperature and is the cause of your chicks becoming overheated or chilled and causing them to crowd, that is why little chicks raised in a brooder are so much subjected to leg weakness, bowel trouble and other ills.

We have just gotten out a nice catalogue for 1912 which tells you about the different styles of brooders we make, how they are made, how to use them, the results we had, also what some of our customers have to say, who are using the Perfection Feather Brooder. If you have another make of Brooder either fireless or heated we can make you a Perfection Feather Brooder

out of it at a very nominal cost whereby you can get far better results. We also make a specialty of fitting up large Brooder Houses. Every brooder we sell is sold under a "your money back" guarantee, we take the risk. Just drop us a postal card for our 1912 catalogue. It's free. Address

PERFECTION FEATHER BROODER WORKS, Box B, 1420 and 1422 Blue Island Ave., CHICAGO, ILL.

SOUTHERN CORRESPONDENCE

BY H. P. HINTON, DALLAS, TEXAS

The South has more natural advantages for poultry than any other place known, the climate is fine and chicks can be raised successfully every month in the year. Yet it is not all smooth sailing, for the poultrymen of the South have many things to contend with, and it requires lots of grit and determination to succeed here as well as other places.

There are many different kinds of varmints to contend with, some places have one kind and other places some other kind, and to fight them successfully one has to learn the habits of the particular kind in the locality in which we live. Hawks are one of the worst enemies to contend with and they are found everywhere, and the best way to get rid of them is to shoot them. Skunks are another troublesome pest that are found most everywhere. I have had them make a raid on my fowls and kill as many as twenty-five in one night. They are hard to get rid of and do not mind in the least going into barn cellars and even dwellings in search of food. Rats are another destructive pest and very hard to get rid of. They killed 75 small chicks for me this summer before I knew where they were disappearing to. The best way to get rid of them is to have a good rat dog and to have openings covered with rat proof poultry wire. Badgers are bad in some places. They kill the fowls and after eating what they want they bury the balance, leaving the feet sticking up. They are very cunning and hard to trap or kill in any way. Wolves, minks, weasels and foxes are found in different parts of the South and are very destructive in the poultry yard.

Then there are lice, mites, fleas, blue bugs, all to look out for, yet when taken in time they are not hard to

keep in subjection. There are long wet spells to contend with and heavy dews and the hot sun in summer and sudden changes from pleasant weather to extreme cold in winter, except in the extreme South where it rarely ever gets cold. All these things have to be provided for in advance if one is to be successful rearing poultry. Wet years mosquitoes are in abundance, which cause great annoyance to the fowls and often cause sorehead to break out.

After reading the above one would naturally think that poultry raising in the South could not be made successful and that failure would be the result of such undertakings, but such is not the case for on every hand one sees the business carried on successfully. Of course, there will be failures, for what business is there anywhere that can be carried on successfully by everyone undertaking it? By meeting the enemy half-way there is little to fear from them, but there are

times when one is least expecting it the enemy, whether he is of two or four legged kind, will rush in and play havoc with the flock, but such things can be traced to the carelessness of the attendant and could have been avoided.

There are many successful city lot fanciers whose worst enemy is the thief, yet they rear and sell large numbers of fine fowls. There are large specialty farms to be found all over the South covering every branch of the poultry industry. There is an

HERE'S WHERE YOU' COME IN

You are aware of the advantage to utilize waste for profits. You can earn \$5.00 to \$6.00 a day on a small investment of \$85.00 in a 5 gallon tax-free distilling apparatus, converting waste into fluid or solidified industrial alcohol, only one man to operate it. Any one interested in converting alcohol or gasoline into solid cubes should write at once or send us \$5.00 for the non-technical secret, how simple you can make it at your home and use it in auto motors at less cost than you can buy gasoline or coal oil for. The work is always to your liking and its the sensation of your life to see your bank account steadily increasing by the earning of this wonderful apparatus.

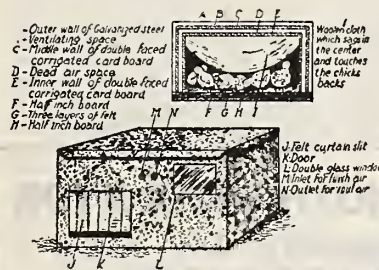
Yours truly,

The Wood Waste Distilleries Co., Inc.,
Wheeling, W. Va., U. S. A.

THE COZY INLAND FIRELESS BROODER

Made of six thicknesses of waterproof cardboard and covered with galvanized steel making six dead air spaces to retain the heat. Storm and vermin proof.

The floor is made of two thicknesses of half-inch board with three thicknesses of felt between them. It has a double glass window and is not a cheap flimsy affair made to last one season; it is built on experience and sold on honor and is guaranteed to last a lifetime and raise every livable chick. It is the warmest fireless brooder made and positively will not overheat the chicks. Price \$3.00, or \$2.00 without galvanized steel cover. We also have baby chicks from winners at New York, Chicago, Boston, St. Louis and Cleveland. Price 8c up. Annual capacity 1,000,000 eggs.



INLAND HATCHERY,

ATTICA, OHIO

Don't Kill the Laying Hen



WHY keep on cheating yourself out of your egg money when it is possible to pick out the layers from the drones?

WHY NOT kill the drones instead of the first hen that comes along? It will save your feed bill, lessen the care of the flock and give the laying hens more scratching room.

WHY NOT build up the best possible laying strain by mating only your best layers? All this can be accomplished if you know

The Potter Secret of Telling the Layers from the Non-Layers

HOW often have you taken a hen to the block and found her to be in full laying condition? Real money in her (in eggs) and you didn't know it.

WHY NOT STOP NOW? You can do it by securing a copy of Thos. F. Potter's great work, "Don't Kill the Laying Hen."

It took Mr. Potter 20 years to discover this secret and he has put this, together with a lot of other valuable information on the hen, into book form and has given the American Poultry Journal the exclusive right to publish and sell his work in connection with the American Poultry Journal.

WE GUARANTEE

That you will not want to part with the book after you read it. We have hundreds of letters from purchasers saying they would not part with it for any price. That it saved them hundreds of dollars. It positively is the only reliable source from which you can obtain the secret of telling the laying hen.

Our Great Offer } One copy, "Don't Kill the Laying Hen" \$1.00
} One year's subscription to A. P. J., for

AMERICAN POULTRY JOURNAL is the greatest Poultry Journal on earth; it leads all others in everything pertaining to poultry. Contains as high as 244 pages to a single issue and illustrates the different varieties of poultry in colors on its front cover page each month. Dr. Prince T. Woods, one of the most popular poultry writers of the day, writes exclusively for the American Poultry Journal. No matter how many other papers you take, if you are interested in poultry you cannot afford to be without American Poultry Journal.

The publishers of American Poultry Journal have carefully investigated the merits of the "Potter System" and absolutely guarantee that it will teach you how to tell your laying hens, so that you can kill the drones and save your feed bill. We give your money's worth or money back.

American Poultry Journal Pub. Co.,
542 So. Dearborn St., Chicago, Ill. (6)

Gentlemen: Enclosed please find \$1, for which send me one year's subscription to American Poultry Journal and a copy of T. F. Potter's great book, "Don't Kill the Laying Hen." I hereby promise on my word and honor not to reveal or tell any one outside the members of my family the information contained in the Potter System book.

Signed

R. F. D. or Street

Town State

Send All Orders to **American Poultry Journal**
542 So. Dearborn St., Chicago, Ill.

idea prevalent among most poultrymen, especially those in the North, that Southern raised birds are lacking in fancy points, but this is not the case as a visit to some of the numerous fairs and shows held all over the South every year will prove, in quality as well as the numbers exhibited.

I have probably digressed a little, yet it only shows that the true fancier and lover of poultry can easily surmount all obstacles and come out on top in the end. I much prefer the sunny South where green food can be grown the year round and the fowls can be given their liberty most every day in the year, to the colder climates.

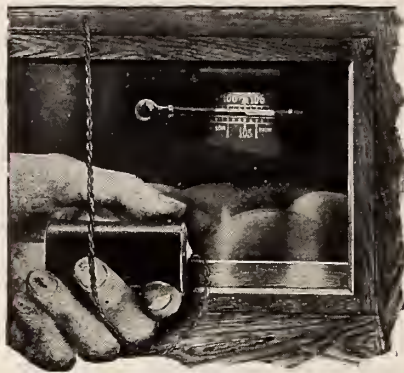
AN ELECTRICALLY LIGHTED INCUBATOR THERMOMETER

Have you ever stooped down to the level of the incubator egg tray, put on your strongest glasses and peered long and hard through the glass door at the little black object in the middle of the tray, trying to determine whether the temperature was 100 deg. F. or 105 deg. F., while all the aches and pains that flesh is heir to seemed to be running up and down your spinal column?

Very often, unless the light is exactly right, the glass door of the incubator must be opened and the thermometer taken out to read the temperature. This is a bad practice from several standpoints as every practical incubator operator knows. Thermometers with tubes filled with colored spirit have been used, with the understanding that colored spirit would be more easily read in dark corners than mercury tubes, but these have been abandoned as unsatisfactory and because the spirit separating in the tube would not

"draw back," like mercury, and was consequently unreliable.

At last a really dependable thermometer which can be read without difficulty in the darkest corner of the incubator, by practically anyone, has been produced. The Taylor Instrument Companies, of Rochester, N. Y., have placed on the market an electrical lighting attachment for incubator thermometers, which is of the same



high grade and reliable character as their famous "TYCOS" Incubator Thermometers. This has been in preparation for some time, but the manufacturers refused to offer it until they could do so with absolute certainty as to its dependability and practical utility.

This apparatus is furnished with any style of "TYCOS" INCUBATOR THERMOMETER, in which respect it is practically universal in its application. The light is thrown onto the scale itself, so that the figures stand out in a brilliant illumination, which also shows sharply the end of the mercury column. The lighting apparatus is moveable, so that it may be adjusted to illuminate any

part of the scale, which may be desirable at times.

The outfit, complete, with "TYCOS" Incubator Thermometer, is sold at the moderate price of \$2.50. Incubator operators, now using "TYCOS" INCUBATOR THERMOMETERS, may obtain the electric lighting feature, complete without the Thermometer, for \$1.75. It may be installed in any incubator and requires no mechanical or electrical experience to adjust, as it is practically proof against ignorance and lack of experience.

For further details and information we refer our readers to the Taylor Instrument Companies, Rochester, N. Y.

CRYSTAL SPRINGS FARM, LITITZ, PA.

The annual catalogue issued by the above farm is now ready for distribution. It fully describes the varieties bred, namely Barred Rocks, S. C. R. 1. Reds, S. C. White Leghorns and Mammoth Pekin Ducks, together with prices for stock and eggs and their methods of doing business. Particular stress is laid upon the Day-old chick business, a branch in which they specialize. They emphasize the quality of the stock, which is one of the important points for those to consider, who contemplate buying baby chicks. All stock is guaranteed as represented. A chapter of "Live Facts" by the manager, C. B. Snively, is included and it gives many interesting pointers to those who are unfamiliar with the business. It is a very interesting little booklet and should be in the hands of all readers who contemplate the purchase of stock, eggs or day-old chicks. It's free for the asking. Send for a copy and mention AMERICAN POULTRY WORLD.

*** The care and management of all varieties of Plymouth Rocks described in the New Plymouth Rock Book now ready ***

THE HALL MAMMOTH INCUBATOR CO.

Manufacturers of the ORIGINAL HOT WATER

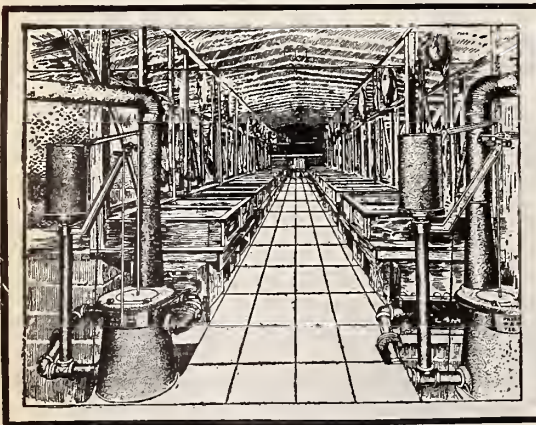
Mammoth Incubator and Brooder



In another month the hatching and brooding season will be here. Are you prepared for it? If not there is time to fill your order for a HALL INCUBATOR having a capacity from 1,800 to 20,000 eggs. Winter brings delayed transportation and bad roads. Immediate shipment will avoid delay, disappointment, loss of time and money. You can get out your early chicks for Fall layers and sell "day olds" to many customers. A great money maker, isn't it?

Place your order NOW

We will ship PROMPTLY



Hall Hot Water Brooder System

How about YOUR brooder?

Experiments prove that the fumes of burning oil in a brooder house reduce the vitality of the chicks 50%. This means sickness, diarrhea or death of a very large percentage of your chicks. With the Hall System the air of the brooder house is kept pure and wholesome. The HALL System of heating and ventilation supplies pure, warm air just where the chicks want it — on their backs. No crowding; just normal development under conditions which produce maximum results in strong, hardy, active and livable stock.

The Hall Brooder Systems are made both double and single. The above cut shows a double system: i.e., one single system placed on each side of a central alley; also how the systems are constructed.

Observe that the hovers are placed in the alley so that feeding, watering, etc., is done without entering the pens. This saves time, labor and cost. By raising two slides the pens and hovers (in ten minutes) can be cleaned and new litter put in. More than 50 per cent. of time and labor is saved.

The Hall chick-saving brooders are run by the Hall Self-Regulating Furnaces—powerful, low-priced hot-water heaters, burning anthracite coal. These statements are verified by years of actual experience in use by enthusiastic customers.

The lives of your chicks year after year depend upon correct brooding; this the Hall System gives.

Send for free descriptive catalogue "Fact and Argument."

THE HALL MAMMOTH INCUBATOR COMPANY

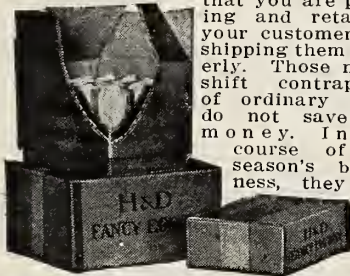
LITTLE FALLS, N. Y.



SHIPPING FANCY EGGS AND DAY-OLD CHICKS

The manner in which eggs and baby chicks are delivered to your customers is a very influential factor for aid or hindrance in the growth of your business. Poultrymen should not overlook the importance of correct marketing of their products. Many have viewed the idea of shipping their eggs or chicks in boxes especially made for the purpose as impractical from the profit standpoint. But quite to the contrary, a properly made shipping box is an economy. On a dollar and cents basis, it pays.

Insure the safety of your eggs and the lives of your baby chicks, and know that you are pleasing and retaining your customers, by shipping them properly. Those makeshift contraptions of ordinary boxes do not save you money. In the course of the season's business, they act-



An Egg Box that insures safe delivery.

usually cost you more than an "H. & D." Egg or Chick Box, in which you can place absolute confidence. We cannot urge you too strongly to do your shipping in these dependable boxes.

These poultry specialties are manufactured from the "H. & D." corrugated jute board, which, on account of its celluliform construction, makes it the strongest, most resilient, and lightest board on the market. The boxes are sealed with gummed tape, and cannot be opened without breaking the seal, thus locating the blame. The Egg Boxes have double walls throughout, giving great strength without too much weight.

The particular features of merit in these "H. & D." Chick Boxes are the methods of ventilation, the non-varying temperature, and entire avoidance of draughts—the chicks are never exposed nor suffocated. The manner of sealing cannot be excelled. The celluliform construction of the board makes it a non-conductor of heat and cold. Other articles can



Day-old Chicks shipped in a proper box.

be piled on or against them without effecting the ventilation.

Both Egg and Chick Boxes are green in color, which is a signal of their contents and assures prompt shipment in transportation. Remember, "H. & D." Egg and Chick Boxes save direct loss, and retain and secure new customers. They are insurance against damage to eggs and death to chicks while in tran-

sit. If you will write to Dept. C of Hinde & Dauch Paper Co., Sandusky, Ohio, they will tell you all about these shipping boxes. A postcard request is enough.

THOMAS F. DEXTER, PROVIDENCE, R. I.

We are advised by Thomas F. Dexter, Providence, R. I., a specialty breeder of S. C. Brown Leghorns, that he has sold his first prize cockerel at Brockton, Providence and New London shows to W. H. Saunders of Texas. As this bird was one of the sensations of the eastern shows this season, Mr. Saunders is to be congratulated upon securing so valuable a specimen, and we dare say, that with proper handling, this bird will produce many specimens next season that will make the Texans open their eyes in astonishment.

A VERY SUCCESSFUL SHOW SEASON

Geo. A. Montgomery, Cambridge, N. Y., breeder of S. C. White Leghorns, reports a very successful show season. His greatest winnings were at Montpelier, Vt., December, 1911, where he won 1st, 2nd cock; 1st, 2nd pen; 1st, 2nd cockerel; 3rd, 4th hen; 3rd, 4th pul-

let; silver cup for best display and sweepstake for champion male. He advises that he has six grand pens mated for the egg trade, each pen headed by a prize winning male and containing all of his prize winning females. He will be pleased to describe these matings and quote prices of eggs to all interested in the variety.

Healthy Day-Old Chicks

Hatched only from eggs of best yearling hens. Also eggs for hatching. Our

Single Comb White Leghorns, Barded 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.

MAGENTA POULTRY FARM

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.

Sandy Lick Poultry Farm's Winnings Pittsburg, February 22 to 26, 1911

In the hottest Orpington class ever brought together; 468 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

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.



R. and S. G. BLACK MINORCAS and R. G. BROWN LEGHORNS

Chase Wins at Chicago, 1911

1 first, 6 seconds, 5 thirds, 3 fourths, and 1 fifth, in the best of competition, we also won 30 ribbons at the Illinois State Fair. 1000 birds for sale that are bred from these winners. 30 breeding pens now mated for the egg trade. Day old chicks ready for shipment. Mating list free. Send 2 red stamps for our 30-page catalogue.

EDGEMONT POULTRY FARM,

W. O. Chase, Box Z. HILLSBORO, ILL.

THE THREE Y'S

The three w'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.

MAPLE FARM, TINLEY PARK, ILL.

Maple Farm, destined to exercise a wide-spreading influence for good in the improvement of stock and scientific experimentation, is located near Chicago at Tinley Park, Ill. Mr. Chas. D. Ettinger is proprietor, and Henry Frank, Jr., manager of the poultry department. Here Guernsey cattle, imported Belgians, Chester Whites and White Plymouth Rocks of the very best stock obtainable is found. The farm covers 114 acres and already a quarter million dollars has been spent in stocking and equipping the various departments. The motto of Maple Farm is "Sweet and Clean" and is lived up to, to the letter.

While we would like to go into detail describing all branches of this enterprising plant, space forbids and so White Plymouth Rocks—Rocks of Quality—will be our theme and in the able manner in which they are handled will be given attention.

Maple Farm is only content with the very choicest stock and with their foundation of Chicago, St. Louis, and Illinois State Show winners will bring for them a reputation second to none. Conclusions would be readily drawn that all the poultry buildings are most substantially built and modern in every sense. One of the main houses where some of the highest grade breeders are kept is 20 ft. by 110 ft. and a part of this building is three stories including the basement. The basement is used for a fattening department and boiler room, the ground floor for breeding stock and the third floor for a conditioning room. One interesting feature is the power room where motors run the fanning mills, bone grinders, pump water and thus do automatically many times the work that a corps of men could. The three feed bins have a capacity of respectively 1000, 500 and 500 bushels. Two ten horse gasoline engines equip the pumping station and to insure a certainty of plenty of water at all times a cistern with a capacity of 40,000 gallons of water is on the premises.

At intervals scattered over the place are fire plugs for fire protection. Maple Farm is patterned somewhat after Heart's Delight Farm at Chazy, N. Y. There are numerous colony houses each 9x12 with 1 1/4 inch board floors the foundation of which rise quite a little above the ground and by the removal of a plank the space under the houses furnish a cool retreat for the fowls during the summer. These 9x12 colony houses were put up at a cost of \$145.00 each, and all are equipped with trap-nests and galvanized iron covered dropping boards.

The question might be asked, what is the outlook for the success of Maple Farm? We could only answer, bright indeed. With strict adherence to the

rule, that not a specimen of the White Plymouth Rocks, other than a quality specimen be allowed on the place, together with the fact that their motto "Sweet and Clean", applies to every department, spells success in large letters. Here 5000 youngsters by the attention given, will develop into sturdy specimens to satisfy an ever increasing trade. For those who wish to know more about Maple Farm White Plymouth Rocks, address Maple Farm, P. O. Box 36, Tinley Park, Ill.

Our attention has been called to the winnings on Rose Comb Rhode Island Reds at the Cambridge Fair as pub-

lished in these columns where we credited E. E. Wells, Cohoes, N. Y., with winning first cockerel and second pullet. This was in error as we are advised that these winnings were won by O. K. Perry.

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 claes 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.

ORPINGTONS BUFF AND WHITE
Winners at leading shows. Eggs and Stock for sale. Send for Catalogue.
APPLECROFT FARM, NEW BALTIMORE, N. Y.
ROLAND DAVIS, MGR.

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 furnish you with eggs and baby chicks from five pens containing these winners.

GEORGE H. CAUFFMAN, SPRING LAKE, N. J.
Montgomery's S. C. White Leghorns Excel as egg producers, are unequaled in shane and color, and have been winning in competition with the best at the Great Brockton Fair, Brockton, Mass., Vermont State Fair, Troy, Cambridge, Chatham, Utica, St. Alhans, Montpelier and many other shows, and are still at it. "Six grand exhibition pens mated for 1912". Headed by hline 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.

THE SENSATIONAL ROSE COMB REDS
of the Great Palace New York Show Just Held

We won 1st cock, 2-5 cockerel, 4th pullet and 1st pen, including specials and cup for best display. At New York State Fair won 1st cockerel and 1st pullet on two entries. At the big Albany show we won State Cup for best display. Our 1st cock at this show sired 1st cockerel. We furnished winners for Chicago, Hagerstown and other shows this season. Our matings are the strongest in our history and we sell eggs from these matings without reserve at \$5.00 per 15. Send for catalogue, giving history of our wonderful strain. Address

RED LION POULTRY YARDS, CHATHAM, Col Co., N. Y.
JENKINS & PARK, Prop.

RICHLAND FARMS

BREEDERS AND EXHIBITORS OF

S. C. WHITE LEGHORNS - S. B. BLACK ORPINGTONS
WHITE PLYMOUTH ROCKS

We are now booking orders for the Profit Paying kind of Baby Chicks and Eggs for Hatching. Satisfaction guaranteed. Send for catalogue.

RICHLAND FARMS, Box 22, FREDERICK, MD.

ONLYA FARM
WHITE WYANDOTTES

Were the sensation of 1911-12 show season. At Williamsport, Pa., we won 6 cock, 5 hen, 1-4 Pullet, 1 pen and special for best pullet in show. At the Palace, N. Y. show, we won 4th cock, 1-2-7 hen, 2-4 pullets, 3-4 pens. Best display, 1st hen, winning special for best hird in American class. Our big wins at Hagerstown, Allentown, Syracuse, Memphis, Atlanta, where we won special for best pullet in show, and at the last and greatest Madison Square Garden Show where we had 10 hirds under the ribbons, all attest to the prowess of our hirds. We closed our season by winning challenge cup for best female, our Atlanta, Ga. Sensation, winning 1st pullet and this great special, we also won 1st cock, 1-2 pullet and 2 hest display. We have had over 100 hirds under the ribbons this season, all of which we hred and raised. Send for catalogue which gives prices of Day-Old chicks and eggs from the choicest matings on earth. A few choice hirds for sale.

ONLYA FARM, CHAS. A. STAFF, MGR., MORRISTOWN, N. J.

THE ST. PAUL SHOW

The Minnesota Fanciers' Association held their tenth annual show, Jan. 2nd to 7th in the auditorium. The compliments paid us by those who follow up poultry shows from New York to California were most flattering. We were told that our show was as neatly arranged, uniformly cooped, cleanly kept, with as perfect a temperature and ventilation as any other show in America, barring none. For a reputation of this kind we have been striving for ten years. We have worked hard, burned many a gallon of midnight oil and lost considerable sleep in our determined effort to gain success. Now we feel amply rewarded for our labors. The policy adopted for this organization at the start won the victory; namely, absolute honesty in all our transactions, true sportsmanship and the comparison method of judging.

We believe the score card to be a fraud and a delusion, therefore adopted the comparison method of judging single handed in the west. We were told we were crazy and would never hold a show, but the converts we have made to the comparison method are many and to us very gratifying indeed.

We pay greater premiums for a smaller entry fee than any other association. Our specials consists of cash, a score of handsome cups, a \$300 piano, a fine Shetland pony and many useful merchandise articles. We have paid all obligations and are already laying our plans for next year. The auditorium has again been leased for next year. For a good clean show put St. Paul, Minnesota, on your list next year. H. J. Goette.

THE TOLEDO SHOW

The fourth annual exhibition of the Tri-State Poultry and Pet Stock Club, held at Toledo, Ohio, January 8 to 14, was one of the best shows ever seen west of the Madison Square Garden. The entries were the largest in the history of the association, with classes as strong, if not stronger than those at Chicago, St. Louis and Springfield, about 2400 birds being penned. The hall was not large enough to admit of single tiering of the coops, ut in 1913 a larger hall will be secured and efforts made to hold one of the best shows in the country.

At a banquet given by the association, seventy members and friends were seated around the tables. A feature of the dinner was the serving of ice cream in the form of chickens in their natural color. Some excellent speeches were listened to with evident pleasure by all present, and the slogan "The National Convention of the American Poultry Association for Toledo in 1913," was adopted by the Tri-State Poultry and Pet Stock Club at the close of the banquet. F. H. Jones.

S. B. TWINING LECTURES AT PENNSYLVANIA STATE COLLEGE

The genial face of S. B. Twining, proprietor of Afton Farms, Yardley, Pa., was missed from Madison Square Garden a couple of days during the last show. Inquiries developed the fact that he made a flying trip to the Pennsylvania State College, where he annually goes to address the students on Poultry. This college is known as one of the most progressive in the country and is especially noted for its poultry course, and the ablest as well

as the most practical men are engaged to lecture to the students.

We are indebted to a subscriber of the AMERICAN POULTRY WORLD who attended the lecture for a report of the same. From it we would deduct that Mr. Twining reached State College at 11 A. M. He immediately went before the first class and gave them a good, plain, practical talk on the relative merits of egg farming, broiler production, capon and duck culture. In the early afternoon he met a second class and spoke quite forceably on preparing oneself for a "poultry manager," explaining in detail the essentials that are required and citing the great and constantly growing demand for poultry managers that are men of thought, energy and reliability. At 4 o'clock Mr. Twining went on the Auditorium platform and addressed the students of the entire agricultural course on the subject, "Marketing Poultry." He covered the subject thoroughly, carefully explaining each point in detail, describing how and when to market, best breeds for certain purposes, proper preparation of birds for market, when and how to kill, also going into detail on the dressing and shipping of Guineas, Turkeys, Ducks, broilers, roosters and capons. He also covered the marketing of eggs. Mr. Twining dwelt upon the relations that should exist between the shipper and the dealer or commission man, and emphasized that care and detail on the shipper's part makes it easier for the dealer to get good returns both for himself and the shipper. He said, "people will pay for quality, make your goods tempting" and explained how it was possible for Afton Farms to secure a big advance over market prices for their product. In closing Mr. Twining commented on competition as being a blessing and pointed to the wonderful developments in all branches of poultry science. He does not theorise but speaks from practical experience and knows what he is talking about. The large audience at all times seemed to

Fiske's S. C. White Leghorns

Were the Sensation of the Great Chicago Show

Where in competition with the acknowledged **Leaders of the West**, they won 1, 3, 4 cocks, 1, 4, 5 hens, 5 cockerel, 4 pullet, **1 pen, special for best display.**

At the **Big Boston Show** just held in the strongest class of White Leghorns ever shown at Boston, we also won best display. We won best display at Buffalo International, 1910 and 1911 and Boston, 1911. Our Leghorns win anywhere and everywhere as we have furnished winners for all the leading Canadian and American shows. We refused eight hundred dollars for our 2nd prize cock bird at the Boston Show. A few breeding birds of exceptional quality for sale. Send for our new catalogue.

SKYLAND FARM,

Harlo J. Fiske, Manager,

Sterlington, N. Y.

have their minds and attention riveted upon Mr. Twining and appeared anxious to devour every word or thought expressed during the lecture.

The Pennsylvania State College is a progressive institution and makes no mistake when they ask such men as Mr. Twining to come before their students and explain to them the results of his lifetime of work and research along the line of poultry raising for profit. He has studied poultry from every point of view. The result of his life labors is summed up in "Poultry Truths," a book that one of the most successful breeders in the country told us was the most valuable work on poultry ever published. It's a book that we cordially recommend to our readers and is an easy way to become more intimately acquainted with S. B. Twining and the great work he is doing for the advancement of the poultry culture of the United States of America.

HILLHURST FARMS

Among the leading farms of the country where the breeding of thoroughbred stock is carried on, Hillhurst Farms, Orchard Park, N. Y., must be credited with a place very near the top. Only the very best is recognized here and horses, cattle, swine, pigeons and poultry each have their departments. We haven't space here to go into detail regarding the different departments, so will confine ourselves to the poultry. This is in charge of that genial and well informed poultryman, J. B. Casterline, and he is recognized as an authority on Columbian Wyandottes, the variety bred here. We made a visit to the place some weeks ago and with a friend made a careful inspection of the plant and stock. We found the plant laid out in a pleasing manner with buildings arranged for the greatest convenience and of substantial construction. It is really a place of beauty and one of the finest we have had the pleasure of visiting. As to the birds we do not think that we are equal to the task of describing them. There were so many fine pens of Columbians that it is a hard matter to find a starting point. We handled dozens of specimens that were possessed of wonderful type and color with strong wings and tails, with lacing on the latter that would excite the envy of many a Light Brahma breeder. The hackles were also in keeping with the other sections, in fact we believe it would be hard to find another such a flock in the country. We do not mean to infer that there are not others just as good, but we do believe that there is not another flock of this size in the country that can show an equal number of good ones. Birds of this quality are not bred from haphazard matings, but from an established line of breeding, and much credit must be given to Mr. Casterline for the scientific breeding principles that he has followed in bringing this flock of Columbians up to its present high quality and the end is not yet. Every mating on the place is the best that carefully kept records and painstaking care can produce. The aim of Hillhurst Farms is to produce the best and all matings are made with this end in view. Eggs are sold from the same pens as that they use for their own hatching and customers can rest assured that they have an equal chance with Hillhurst Farms in producing the season's best Columbians. Their announcement may be found in another column of this journal and they solicit your inquiries, which will have their prompt and careful attention. A circular describing matings and stock for disposal may be had upon request.

MOORE BROS., MOSCOW, N. Y.

Few breeders of S. C. White Leghorns have made the rapid advancement that may be credited to Moore Bros., Moscow, N. Y. Starting several years ago with foundation stock purchased of Knapp Bros., they have built up a strain of birds that may now be said to be entirely their own. Always keeping an eye to utility value, and

keeping health and vigor paramount, they have established a strain that looks like a dangerous rival for the premier honors in our largest shows. After repeatedly carrying off the creamy prizes in several of the smaller shows, they made their debut at the Grand Central Palace Show in December, and were awarded 1st cockerel, 1st-5th pullet and 2nd hen.

The winning cockerel was at once claimed by a prominent breeder and exhibitor at a very handsome price. With a second string they entered the great International at Buffalo, and in a class teeming with quality that had been gathered from the best breeders, they carried off the following prizes: 5th cock, 1st-4th hen, 1st-4th-5th cockerel, 1st-2nd pullet, 2nd pen.

Their winners here were exceptional specimens, especially the winning cockerel and pullet. The fourth cockerel was a wonderful bird of rare type, fine in head points and sound in color, but lacking a trifle in tail furnishings. Given a little more time, this bird will be hard to beat and should develop into a cock that will give good account of himself in any company. Many competent judges were of the opinion that the red ribbon should have adorned the coop in which this bird was penned.

Moore Bros. are comers in the White Leghorn world and readers who are

desirous of securing the best in this variety should write them for prices. They will dispose of eggs for hatching; also baby chicks, and those who are looking for quality and productiveness cannot go amiss by placing their order with Moore Bros.

WARD'S QUALITY WHITE ROCKS

Fine breeding cockerels for sale \$5 to \$10 each. EGGS in season.

CHAS. H. WARD, R. D., BETHEL, CONN.

LONG'S

WHITE WYANDOTTES

Several good cockerels for sale. Eggs, \$5 and \$3. Send for mating list.

W. H. LONG, 245 S. Ave., Rochester, N. Y.

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. Jeffries, Mgr.

World's Foremost White Wyandottes

have won for me past 15 years at leading shows of America, New York, Boston, World's Fair and my patrons are winning year after year in the strongest shows of the United States and Canada and more this winter than ever. My circular will tell all about it and contains photos of life of 5 1st prize winners I won with recently. Remember any birds purchased can be returned at my expense and I will freely return money if not satisfactory. Satisfied patrons are my best Advertisers. Some grand birds to sell.

J. H. JACKSON, HUDSON, MASS.

ALT'S SINGLE COMB RHODE ISLAND REDS

Famous Two in One Strain Beauty and Utility combined

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.



Now Ready New 1912 Prairie State Poultry BOOK Bigger and Better

Every one interested in chickens—amateur or expert—wants and needs this valuable book. Poultry experts say it is by far the best book published. It is brimful of good, practical information, gleaned from actual experience of the most successful poultrymen. Over 112 pages and 75 of them bristling with such live topics as the following:

- Poultry Possibilities on the Ordinary Farm**
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- How to Keep Poultry Free from Lice
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Do it today. Be among the first of the thousands who will ask for this valuable book—so you won't have to wait for your copy. You'll be surprised at what you get. An illustrated book crowded with money-making and money-saving methods, hints and pointers which you will be happy to know. State experiment stations, Corning of N.J., and dozens of the best poultrymen in the world endorse this book, and tell how success is sure with

I have paid dollars for poultry books not half so valuable. I never came across anything like it before. E. H. Hansell, Witt, Ill.

Prairie State Incubators and Brooders

which are built according to the very best ideas in practical, scientific incubation. Practical use proves they hatch the most and best "livable chicks." The book is free if you send now. Do it today.

Prairie State Incubator Co., 481 Main Street, Homer City, Pa.

112 Page Book **FREE**

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. Snively, Mgr., R. R. No. 6, LITITZ, PA.

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.

STANDARD POINTS

Q. What are the Standard points used in judging the Single Comb White Leghorns and Rhode Island Reds, both male and female? Enquirer, South Carolina.

A. Complete information in this respect may be had by referring to the American Standard of Perfection, the authorized authority and guide for all judges when placing awards at a poultry exhibition.

R. I. RED HEN DOES NOT LAY

Q. I have a Rhode Island Red hen that goes on the nest every day, but does not lay. She has just finished the moult and is in good health and is not over-fat. What is the matter with her? D. G. R., Rhode Island.

A. Cases like this are often noted after hens have finished moulting and are getting ready to lay. If the subscriber will be patient a few days, no doubt but what the hen will do her part by contributing an egg.

DEFECTS IN BUFF LEGHORNS

Q. What causes black feathers in the tails of Buff Leghorn hens?

A. This is a common defect in all Buff breeds and one that takes proper mating and careful breeding to remove. As the Buff Leghorn is made up of two or more breeds one of which was partly black, it is only natural to suppose that these black spots will crop out for many years. To eliminate this depends upon the care with which each succeeding mating is made.

Q. How do they rank with other breeds as layers? E. W. S., Illinois.

A. The laying qualities of any breed depends upon the strain—that is to what extent the production of egg has been developed in that strain. It is claimed that there are strains of Buff Leghorns that are the equal of any of other varieties of the breed in this direction.

CANKER

Q. I have a hen that throws her

head up in the air and gasps for breath; also a White Wyandotte cock that has similar symptoms and makes a peculiar noise when he breathes. Can you advise what is the matter? C. K., Pennsylvania.

A. From the symptoms would conclude that these birds were suffering from canker or perhaps bronchitis. An examination will decide. If canker is the cause of the trouble

it will be found upon examination at the entrance of the trachea or wind pipe and should be removed with some blunt instrument, after which Zenoleum or Creolin should be applied by means of a camel's hair brush or a swab of cotton. If no indication of canker is found and the throat appears inflamed and feverish, the bird is probably suffering from bronchitis. If this is determined, the affected one should be placed in warm dry quarters and fed on a mash to which is added 2 grains of black antimony twice a day.

SHIPPING COOPS

Q. Kindly give plans and dimensions for making shipping coops for White Orpington cockerels.

A. A coop 20 inches high, 24 inches long and 15 inches wide should meet with your requirements very well. This should be constructed as strongly yet as light as possible. It may be made entirely of wood or a frame may be covered with muslin with slats nailed outside. As coops for this purpose are not expensive, I would advise that the subscriber write some of

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.

CHAS. E. 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.*

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.

**ONE GALLON
ZENOLEUM
\$1.50 Ex. Paid**

We will send ONE gallon of Famous Zenoleum Disinfectant and Lice Killer, enough to make 2 whole barrels, one hundred gallons in solution, for \$1.50 Prepaid. This is the poultry remedy you see recommended so often in the writings of great authorities. It is used by 46 Agricultural Colleges and the leading fanciers of the world. Book "Chicken Chat" sent free. THE ZENNER DISINFECTANT CO., 270 Lafayette Ave., Detroit, Mich.

our advertisers who make a specialty of shipping coops, egg boxes, etc., and get prices on same. These are much neater and make a better impression.

Q. Would it be safe to ship more than one cockerel in the same coop?

A. It might be safe but it is not advisable. Would rather use a larger coop with a division in it.

Q. In shipping long distances how is food and water supplied?

A. After placing a good supply of litter in coop, food in the form of hard grain may be supplied in sufficient quantity to meet the birds' requirements during the journey. For supplying water a tin cup may be fastened in one corner of coop near the top. Its position should be indicated by stencil or other convenient means, the words PLEASE WATER should also be plainly printed. Express employees will then look after the birds' needs in this direction.

Q. I have one pen of Red Caps, one cock and 8 hens. Could they all be shipped in one coop? E. E. B., Ohio.

A. I would prefer to use two or more coops, placing the cock and two hens in one and then providing another divided into two compartments and put three hens in each.

BOWEL TROUBLE.

Q. I have two White Wyandotte pullets in a pen of eight that have their fluff below the vent matted with droppings. Appear healthy and active but look badly. Can you advise as to what is the trouble? E. H. M., Connecticut.

A. This is caused by some irregularity of the bowels and is probably caused by the feed. Would advise the subscriber to remove all droppings collected on feathers, and if the birds' bowels were still in bad condition would give them a light physic. For this purpose $\frac{1}{2}$ teaspoonful Epsom salts is very good, after which give a good tonic or condition powder in a mash composed largely of middlings. Before proceeding to use medicines try and determine the cause and remove the same and further attention will be unnecessary.

PULLET COUGHS

Q. I have a pullet with a bad cough, has been troubled several weeks. She eats well and is laying. Kindly advise a cure. H. B. A., Kansas.

A. See answer to C. K. in these columns.

HOW TO GET BARRED ROCKS UP TO SIZE

Q. Kindly advise how to get Barred Rocks up to size in confinement? C. F., Michigan.

A. This all depends upon the health and vigor of the birds and the caretaker. If birds are from healthy parents and are properly cared for, no trouble should be encountered in regard to proper maturity. Care and feed will make any breed and the correspondent must rely upon his own good judgment in this respect. If he supplies the required food in variety

and gives his birds the needed exercise they will develop properly. To give explicit instructions we would have to know more about his individual case, that is, his methods of caring for and feeding his birds.

WELL WATER OR RAIN WATER

Q. Which is better for fowls—rain water from a clean cistern or well water?

A. Either will answer the purpose providing they are supplied fresh and the receptacles kept clean.

Q. I have a cockerel that don't eat very well, runs at the nostrils. What can I do for him? A. E. C., New York.

A. This bird undoubtedly has a slight cold and unless given attention may develop into roup. Would advise that you place some one of the advertised roup cures in the drinking water. A few drops of kerosene oil placed in the drinking water will often cure incipient colds.

DAMPNESS IN HOUSE

Q. I have a house 42 feet long, 18

"Ideal" Trap Nests

are the World's standard. Circular free.
F. O. WELLCOME, Box W2, YARMOUTH, ME.

NORTHVALE WHITE ROCKS (Fisbel Strain)
Mammoth Bronze Turkeys, Toms from Prize winners for sale.
Mrs. A. G. Doren, Ogdensburg, N. Y.
R. No. 2



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.

OAKLAND FARM S. C. Brown Leghorns, Indian Runner Ducks
Prices quoted on application for choice exhibition and breeding stock.
Fine quality in Partridge Plymouth Rocks. WEEDSPORT, N. Y.

McHENRY'S ROSE COMB REDS
ARE PURE TUTTLE STRAIN

They are rich in color and possess wonderful shape. 300 fine farm range cockerels and pullets for sale. \$3 to \$5 each. Winners of many prizes. NOW BOOKING ORDERS FOR EGGS.

A. B. McHENRY, Box W, STILLWATER, PA.

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 beat it? 20 fine cockerels and some fine hens and pullets for disposal. Mating list quoting prices.

E. B. FELLOWS, SCOTTSVILLE, N. Y.

Palen's Black Beauty Strain
Rose Comb Black Minorcas

again win Best display at the last and greatest Madison Square Garden Show. We won New York State Cup again and all specials. Prize winning Birds in all classes for sale. Send for 1912 catalogue and prices for hatching Eggs. Address H. O. PALEN, Woodside Farm, HIGHLAND, N. Y.

Single Comb White Leghorns
DAY OLD CHICKS AND EGGS THAT WILL HATCH CHICKS
THAT LIVE

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.

feet wide, 8 feet posts, cement floor on good gravel soil, sided with matched pine outside, building paper inside covered with good iron siding, sealed overhead, four good sized windows on east, one small one on south, one on north, two ten inch ventilators extending from ten inches of the floor to two feet above the roof. This building is damp, please advise cause and how to prevent? R. C. M., New York.

A. In the first place I take it that this building faces the east, therefore but very little sunshine enters the house and it is more or less dark, making an ideal condition for moisture to accumulate. Next the ventilation is improper, not giving sufficient circulation to draw out the moisture. I would advise that muslin be used in one-half of the windows on the east side and that the window on the south side be enlarged and supplied with a muslin frame, which should be thrown open every day. The two ventilators, I take it, are in opposite ends of the building. One of these should be so altered as to connect with an opening near the ground, then extend up the inside of the building, ending about ten inches from ceiling.

BAD COLD

Q. I have a Barred Rock cockerel that has a swollen nostril with a hard scab over same. I removed scab and found a yellow, dry cheesy substance underneath. Used peroxide of Hydrogen to cleanse but to no avail. Will you kindly tell me what to do?

A. This is probably the result of a bad cold and the swelling and cheesy substance is undoubtedly a canker. Remove the same and cleanse as before, then apply Zenoleum, full strength, or use a strong solution of Permanganate of Potash. Keep well cleansed and treat daily. Place a little of the permanganate in drinking water.

CONJUNCTIVITIS

Q. I have some R. I. Red pullets that have an accumulation of pus in the eyes. They seem otherwise in perfect health; often find eye closed and somewhat swollen. I immediately cleansed with Dioxigen. What is the cause of the trouble. I feed cracked corn and wheat from hopper, at noon, table scraps and vegetables. H. M., Indiana.

A. This is in all probability conjunctivitis, a mildly contagious and infectious disease. It usually makes its appearance during cold damp changeable weather. In places where sanitary conditions are not what they should be it may be found at all seasons. Your treatment is all right as far as it goes. After cleansing and thoroughly drying the affected parts, apply an ointment made by mixing a few drops of Zenoleum with vaseline.

"GOING LIGHT"

Q. I have several hens and pullets that become dumpish and set around all the time, refuse to eat; combs get pale and feathers become rough. They become very poor and die. W. McC., New York.

A. In cases of this kind it is very

hard to properly diagnose the disease without personal examination. In this case the symptoms of tuberculosis or "going light" are present and I would suggest this as the cause of the trouble. I would not attempt to doctor these birds but would kill and burn all infected ones, thus doing away with further contamination. Thoroughly disinfect all quarters used by the affected birds and then watch for new cases and destroy them as soon as they appear. It is not advisable to try and doctor cases of this kind, and should you succeed in restoring one to health it would not be safe to use as a breeder.

FOGG'S WHITE LEGHORNS

We take pleasure in calling attention to the advertising of N. V. Fogg, Mt. Sterling, Ky., breeder of Fogg's S. C. White Leghorns. Mr. Fogg is an old-time breeder of this favorite variety, and has built up a profitable business in the sale of exhibition breeding stock, eggs for hatching and baby chicks. His birds are noted not alone for their Standard requirements, but as heavy layers and vigorous constitution. We take pleasure in referring those who intend purchasing to Mr. Fogg, who will give the business entrusted to him careful attention.

ENGLISH ORPINGTONS BLACK, WHITE, BUFF, Rose and Single Comb, Males \$5 to \$10; females \$3 to \$5.
John A. Hageman Co., 12-6 Box W, Charlotte, Mich.

Indian Game and Wyandotte SPECIALIST

White and Cornish Indians, White, Silver Laced, Silver Penciled, Golden Laced, Partridge, Buff and Columbian Wyandottes...

Write for Catalogue and winnings.

H. J. HUNT, 3rd.

BETHESDA, MD.

Pekin Duck Eggs

WHOLESALE AND RETAIL

Single settings from special pens; also special prices made on ten and twenty thousand lots.

Stouffer Poultry Farm,
HARRISBURG, PA.

ROSE COURT POULTRY YARDS BREEDERS AND EXHIBITORS OF ALL LEADING VARIETIES
The Reds, Single Comb; Rocks, Barred and White; Wyandottes Light Brahams, Black Minorcas, Black Langshans, Lackenvelders, Hamburgs, Golden and Silver Penciled; Houdans, the Polish, non-headed and the best Ornamental and Game Bantams, Brown, Red, Black, Birchen and White.
Look up our show record at Madison Square Garden and be convinced of the quality.
E. B. REYNOLDS, Prop. WESTHAMPTON BEACH, L. I., N. Y.

Trap-Nested White Wyandottes and Kellerstrass Strain Crystal White Orpingtons

Bred for heavy egg production from best blood lines in America. Some choice Cockerels for sale. Eggs after February 1st from select matings \$3.00 per 15, \$5.00 per 30. Satisfaction guaranteed or money back.

K. J. HEABLER.

Box 204,

ATTICA, OHIO

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

Silver Wyandottes Exclusively

The Beauty and Utility Breed. The Best Winter Layers. Another Victory.

At the Chicago Show Jan. 14 to 19, 3-4-5 cock, 1-2-3 hen, 1-2-3 cockerels, 1-2-4-5 pullets, and 1-2 pens. Also in the great egg laying contest in which there were 2 pens of S. C. W. Leghorns, 2 W. Wyandottes, 1 Col. Wyandottes and 1 Rhode Island White beside our Silvers, each pen consisting of 7 females. We won the Inter-Ocean \$50.00 Cup for the most eggs layed in the six days of the show. Our pen laying 27 eggs beating the Leghorns (our nearest competitors) by 5 eggs. If you want Silvers that can win and lay, get our prices. 800 birds for sale. Send for catalogue.

A. & E. TARBOX,

Box W,

YORKVILLE, ILL.

S. C. WHITE ORPINGTONS

The Cedar Crest Poultry Yards,

H. N. WHEELER,

MYSTIC, CONN.

We do not claim the largest Poultry Plant in this country, but we do claim to have some of the finest stock of S. C. White Orpingtons to be had.

All stock and eggs for hatching are from our yards, if we do not have the goods, we do not send any. Money refunded. Our pens are all selected and mated with the best birds, which we offer, \$5.00 for No. 1, \$3.00 for No. 2 per sitting. Incubator eggs at \$8.00 per hundred.

Some young stock for sale, but limited. Satisfaction guaranteed.

POULTRY WORLD AFFAIRS

WHAT NASHVILLE WILL DO FOR THE 1912 CONVENTION OF THE AMERICAN POULTRY ASSOCIATION

The committee appointed by the Nashville Board of Trade and the Nashville Industrial Bureau is a live one. They are leaving nothing undone to make the reception for the American Poultry Association, in the event the Association should decide to hold their 1912 convention in the city of Nashville, the greatest ever accorded any convention ever held in



Wilbur & Wagenblatt, New Haven, Conn., specialty breeders of White Wyandottes, have won many blue ribbons this season, and the high quality of their birds has been the subject of much comment at the several exhibitions where they have exhibited. In the above illustration is shown one of their prize winning hens.

the capital of Tennessee. While no fixed program has been arranged, it has been definitely decided by the committee that the following will form part of the big program, that will be provided for the entertainment of the poultry breeders and fanciers of the United States:

Grand reception, State Capitol.

Ladies' afternoon tea, Hotel Hermitage.

Lawn entertainment, country home of Mr. Percy Warner.

Ladies' afternoon musicale, Hotel Tulane.

Commercial organizations' boat trip up beautiful Cumberland River.

Automobile parties to points of interest about city.

Grand banquet, Hermitage Hotel.

Special program, Theater Vendome, Darkey Life in South, Cake Walk, etc.

Special trip to Hermitage, home of President Andrew Jackson.

Special trip to Belle Meade, one of the world famous livestock farms.

Special trip to battlefields and other points of interest.

The last two days of the convention will be devoted to side trips to the world's famous Mammoth Cave, and to Chattanooga and Lookout Mountain, where the members will be entertained with great banquets by the Chattanooga members. Ex-Secretary of War Hon. J. M. Dickerson, U. S. Senator Robt. L. Taylor, U. S. Senator Luke E. Lea, Congressman Joe Byrns,

Governor Ben W. Hooper, Mayor Hillary E. Howse, and other prominent Tennesseans will take part in the entertainment of the visiting poultrymen and ladies. One of the big features of the convention if held in Nashville will be the Commercial Exhibit of the poultry industry. Daily demonstrations will be given by U. S. Government experts. This exhibit is made possible by the firm of Native Spillers & Company, the largest poultry killing and shipping plant in the South. The citizens of Nashville generally are much interested in seeing the American Poultry Association come to Nashville in 1912, and they

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.

40 S. C. WHITE ORPINGTON COCKERELS For Sale
Utility and Show Birds. My birds are winners. Write your wants. Eggs in Season.
CRYSTAL SPRING POULTRY YARDS, 25 Pearl Street, MYSTIC, CONN.
G. M. Riggs, Proprietor,

JORDAN'S COLUMBIAN WYANDOTTES

another great winning at Chicago, Dec. 1911, two firsts, three seconds, two thirds, two fourths, and special for best display. These winnings are the result of years of careful line breeding. I still have a limited number of very choice breeding birds, cockerels and pullets for sale. These will help you to improve the quality of your chicks. Am booking egg orders from the best matings in America.

DR. H. M. JORDAN, Box W, HICKSVILLE, OHIO

ORPINGTONS of the BETTER SORT
S. C. WHITE EXCLUSIVELY

After a very successful hatching and rearing season I can state that I have for disposal a greater number of birds of quality than ever before. Many of these are in the pink of condition and ready for showing. I can furnish cockerels or pullets in any reasonable number at reasonable prices. Let me assist to win some of the coveted prizes this season.

Write your wants. Booklet free.

MOUNTAIN VIEW FARM, E. A. Haring, Owner, SO. KENT, CONN.

Retiring From The Chicken Business

so will sacrifice all my great winning Silver Wyandottes that have won continuously at the largest and classiest shows in the East, winning this season 15 ribbons on 16 entries at both Riverhead and Mineola. Six ribbons on 8 entries at Grand Central Palace. At Philadelphia 1-3 cock, 1-2 hen, 3 cockerel and 2 pullet. At the Great Madison Square Garden Show won 1-2 cock, 2-3-5 hen, 3 pen and special for best display. Eggs while they last.

HENRY M. KALVIN, M. D., Avenue U and East 15th St., BROOKLYN, N. Y.

"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.

BABY CHICKS THEY LEAD THE PROCESSION EGGS WHO?

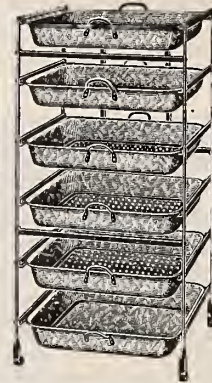
SEAMAN & BOGART'S ROSE and SINGLE COMB R. I. REDS

They have showed 4 times this season, viz., Allentown Fair, Mineola, N. Y., Fair, Augusta, Ga., and wound up the season at the Big Philadelphia Show, where they won on R. C. cock (shape), 4th hen, 1st, 2nd cockerel (color), 2nd, 4th pullet and 1st pen. This pen was awarded the grand sweepstake special for best pen in show, 157 pens competing. This is the first time this great honor has been bestowed upon a Pen of R. I. Reds. At Augusta, Ga., against the pick of the north, east, south and west, their S. C. won 2nd cock (color), 3-5 cockerel and 2nd Pen. Their Rose Combs won 1st cock (shape and color), 1-3 hen (color), 2-3-4 cockerel, 3-4 pullet (shape), 1-2 Pens and 2 Gold Specials. Our breeding pens are now mated up and they contain all our prize winners. We furnish Baby Chicks and eggs for hatching from our star matings. Send for our Catalogue, it's Free. Address:

SEAMAN & BOGART Box 5,

PORT WASHINGTON, L. I., N. Y.

ANCONAS New England's Undisputed Champion. Catalogue describing my grand matings and winnings.
QUALITY POULTRY YARDS,
Hayward E. Beebe, Prop., WATERFORD, CONN.



THE SURE WAY
To Double Your Egg Profits Get An

Economy Oat Sprouter

No Artificial Heat, Compact, Durable and Economical.
PRICE \$5.00

Poultry Appliance Co., 969 16th St., Dept. F., Milwaukee, Wis.

will one and all do their part to make it the most successful meeting ever held by the Association.

—o—

The annual meeting of the American Black Wyandotte Club held during the New York Poultry Show at Madison Square Garden, on Dec. 22, 1911, elected:

Geo. H. Boyd, Washington, D. C., President.

Howard Grant, Marshall, Mich., Vice-President.

H. H. Howell, Riverhead, L. I., N. Y., Treasurer.

Edwin H. Morris, Sparkville, N. Y., Secretary.

The constitution of the club was



Prize winning White Wyandotte male, bred and owned by Wilbur & Wagenblatt, New Haven, Conn.

amended so that each state will be represented by a vice-president, and it is desired that breeders, who will work for united effort, to insure greater interest in the breed, will communicate with the secretary forthwith, so that the attention created at the New York event may be made the most of.

The club wishes to emphasize the fact that it will continue to support breeders of black or yellow legged birds, without discrimination excepting specials, calculated to gauge public sentiment with a view to bringing the variety to the attention of fanciers, creating a greater general interest. The treasurer's report showed a balance on hand. Edwin H. Morris, Sec.

ANNUAL MEETING OF THE COLORADO BRANCH

The annual meeting of the Colorado State Branch of the American Poultry Association was held at Colorado Springs, Dec. 14th., during poultry show week.

The meeting was called to order by President A. A. Peters of Denver, whose annual address and recommendations were listened to with marked attention by a large number of breeders who were present from throughout the entire state. The treasurer's report showed the branch to be in a flourishing and prosperous condition, there being eighty-one full paid members and fourteen who have partly paid membership fee.

The following officers were installed for the coming year:

A. A. Peters, Denver, President.

J. W. Downer, Ft. Collins, Vice-President.

Mrs. C. M. Still, Ft. Morgan, 2nd Vice-President.

Geo. Wm. Veditz, Colorado Springs, Secretary.

J. L. Lippitt, Denver, Treasurer.

Members Ex-Board

W. A. Groom, Boulder.

C. H. Burgess, Loma.

H. S. Garlinghouse, Canon City.

O. C. Frantz, Rockford.

John Williams, Ft. Morgan.

—o—

The annual meeting of the Water Fowl Club of America was held at Madison Square Garden, December 20, 1911. In the absence of Pres. Sites, Louis B. Schram of Brooklyn was chosen to preside and was elected president for 1912. A. B. Dalby was chosen vice-president; Miss Sarah Little and Rufus Delafield were appointed auditors; Mrs. Wm. P. Masten of Pleasant Valley, N. Y., was elected secretary-treasurer.

There was a large attendance at

the meeting and there was considerable enthusiasm manifested, as there is a prospect of big things doing by the club in the future. The waterfowl industry of the country is going to be

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.

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 \$2.00, to introduce our goods. All charges prepaid. Money back guarantee. Good proposition to Agents.

Keystone Laboratories Co., Warren, Pa.

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

TRACEY'S SINGLE COMB REDS

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.

C. S. HUDSON,

NEW BALTIMORE, N. Y.

IMPORTED BUFF ORPINGTONS

300 head, old and young for sale from my magnificent imported stock. No breeder has a better show record. Largest winner of first prizes at Ohio State Show and Ohio State Fair. Prices within the reach of all.

C. N. DARST,

JACKSONVILLE, OHIO

Champion Black Orpingtons

At the recent Mansfield Show in one of the largest and best classes ever in Ohio, my birds won 1-3 cockerel, 1 pullet, 2 hen and 1 pen, \$5 Best 10 Orpingtons, \$5 Best Pen in English class, Silver Cup Best Pen. My birds have wonderful color and are massive, low down. Eggs sold from finest matings. Write

ALBERT STOODT,

MANSFIELD, OHIO

S. C. WHITE ORPINGTONS

Chicago, December, 14-19, 1911

In a class of nearly 250 S. C. White Orpingtons, the best ever shown in the World, we exhibited two cockerels and three pullets. We won 2nd prize cockerel in a class of 41 of the best cockerels ever seen, 5th prize pullet. These great birds were not imported, but raised right here in Lake Mills, Wisconsin. We can sell you eggs from three fine Pens. Send for list.

G. E. GREENWOOD,

Box G,

LAKE MILLS, WISCONSIN

“AGAIN THE LAURELS FALL”

At Mansfield, Ohio, my wonderful “Cardinal Reds” S. C. won the A. P. A. Silver Medal for best cockerel in the show, also special for best pen in the show, 1700 birds on exhibition. A remarkable record for any variety. My Reds compelled the admiration of judges and exhibitors alike. The popularity of the Reds is well observed, for everyone that loves life, light and warmth will find in the R. I. Red that glorious rich color which is well worth while to obtain. I am in a position to furnish grand birds for any purpose at reasonable prices.

DeFOREST H. DEAN,

Life Member A. P. A.,

MEDINA, OHIO

boomed, and efforts will be made to have the poultry press devote more space and assist in educating the public to the importance of the waterfowl industry.

Mrs. W. P. Masten, A. B. Dalby and Louis B. Schram are going to revise the by-laws of the club. A request that they incorporate in the rules the requiring of all entries in the young bird classes to wear an official closed leg band showing the year of hatching was passed at the meeting. The club is in a flourishing condition and all interested in waterfowl culture are asked to join by sending their name and fee of \$1.00 to W. P. Masten, Secy-Treas., Pleasant Valley, N. Y.

—o—

A. F. Hunter has severed his connection with Profitable Poultry and it is understood will become a special contributor to R. P. J.

—o—

During the recent exhibition at Springfield, Ill. the S. C. White Orpington breeders met and organized a state branch of the National S. C. White Orpington Club. Dr. W. F. Heaps of Kewanee was elected president, Dr. Cleveland of Pekin, vice-president, and E. P. Allen, Quincy, Sec. and Treas. The next meeting will be held the first Tuesday of the next State Fair.

—o—

At the recent annual meeting and election of officers of the American Buff Cochin Club it was decided that the club join the American Poultry Association during the coming year. A special committee was appointed to co-operate with a like committee in that association in formulating an up to date standard for Buff Cochins. There were fifty-one Buff Cochins exhibited at this meeting and the quality was far above the average.

—o—

At the Cincinnati Show the Rogers Poultry Yards, Cincinnati, Ohio, sold to Louis R. Smith 6 White Orpington eggs laid in the Cincinnati Poultry Show room by the Chicago White Orpington winners, owned by Rogers Poultry Yards, for \$60.00, or at the rate of \$10.00 per egg.

—o—

The annual meeting of The White Plymouth Rock Club was held on Thursday, Jan'y 18, 1912, at the Pittsburgh Show of the Poultry Exhibition Association.

The meeting opened promptly with an attendance of twenty-two present. President G. H. Hilderbrand presided and introduced President F. G. Davis of the Poultry Exhibition Association, who welcomed the club to their show, thanking the club for having chosen that show for its annual meeting and so generously sending a good class of birds for exhibition.

The report of the secretary for the past year was read by Secretary Ward. It showed the club to be in a flourishing condition with a good sum to its credit in the treasury.

The election of officers followed, resulting in the following being elected for the ensuing year: President, G. H.

Hilderbrand, Beaver, Pa.; secretary, Clifton W. Whitney, Box 980, Bridgeport, Conn. Members of Executive Committee, the President and Secretary and F. J. Coll, Atlanta, Ga., for the Southern States. A. D. Severe, Dows, Iowa, for the Western States, Chas. H. Ward, Bethel, Conn., for the Eastern States.

It was decided to issue a year book of the club in lieu of the semi-annual bulletin lately published. Other matters of importance were taken up and are fully described in the president's and secretary's messages now being mailed to all members. Any breeder of White Plymouth Rocks may obtain a copy by addressing the secretary.

The White Plymouth Rock Club will adopt many new policies this year that are expected to place the White Plymouth Rocks at the station they rightly

S.C. Buff Orpingtons

We have for sale some exceptionally fine breeding pens as well as show specimens. Write for prices.

Hillcote Farm, Pittsford, N.Y.

JENKS'

S. C. R. I. Reds

win 1st cockerel, 1st hen, 2nd cock, 2nd pullet at New York State Fair, 1911. Eggs for hatching and day-old chicks. Mating list free.

A. L. JENKS, ITHACA, N. Y.

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.

Buff Orpingtons

Grand breeders, heavy layers. Eggs from fine young stock bred to lay, at the extremely low price (quality considered) of \$3.00 per 15.

TYMOCHTEE POULTRY YARDS,

MEEKER, 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.

PARTRIDGE ERIN STRAIN ROCKS

Win again at Chicago in largest class ever brought together, winning 1st hen and 3rd cockerel on 4 single entries.

W. O. LYLE, GNADENHUTTEN, 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.

Edgewood Partridge Wyandottes

SEASON OF 1912

TEN SPLENDID MATINGS

Eggs and Stock from Undefeated Champions. America's Finest Partridge Wyandottes. Our catalogue will be ready January 15th. No Partridge Wyandotte breeder can afford to be without it.

Edgewood Poultry Farms,

Yards at Edgewood. R. I. and Lansdowne, Pa.

C. W. STOWELL,
Edgewood, R. I.

J. BAILEY WILSON,
Lansdowne, Pa.

deserve through their supremacy. It is hoped that every breeder and lover of the White Rock will join if not a member, will meet his dues promptly if a member, and that all alike will give us at least one new member this year. We want and can have by your cooperation 1000 members in good standing.
C. W. Whitney, Secretary.

20TH CENTURY POULTRY FEEDER

For three years past H. E. Barnes has been manufacturing his 20th Century Poultry Feeding Devices from Brink Haven, Ohio, and as business has steadily increased it has been found necessary to move to a larger center where shipping facilities would be of the best. Mr. Barnes' brother has been taken into partnership and hereafter the name of the concern will be known as H. E. & C. S. Barnes, 86 King Ave., Columbus, Ohio. At the time of our visit a large order had just been received from the Pacific coast to equip an immense plant with the 20th Century Feeder. Complete equipment for the big State Sanitarium Farm at Mt. Vernon, Ohio, was installed a few weeks ago.

Orders have been received this year from every state in the Union but three, as well as Canada, Canary Islands, Cuba and China.

The 20th Century Feeder works automatically and will add profit to any flock; is always to be depended on, and is made out of the very best materials. A new invention is the 20th Century Dry Mash Feeder and it is a fine companion of the automatic grain Feeder. The fowl opens the lid of the Dry Mash Feeder with its feet, eats what it wishes and immediately upon leaving the Feeder the lid closes making it dirt and rat proof. Their catalog tells the whole story and a copy may be had by addressing them at 86 King Ave., Columbus, Ohio.

KINSLEY'S ORPINGTONS

R. J. Kinsley is one of the most prominent as well as one of the best Orpington breeders in America. He has been breeding them for years and has been a consistent winner at the leading shows, including Madison Square Garden. We looked over his Black Orpington exhibit at the last Garden Show and it pleased us, especially Black King, 2nd cock at that show. This is a great Orpington and Mr. Kinsley values him at 1,000 dollars. His great prize winning 500 dollar Black Beauty is also another wonder. Mr. Kinsley reports a great season for business, sending one California customer a \$1,150 order in White Orpingtons. The persual of a letter reported the shipment as arriving in good condition and the customer well pleased. Mr. Kinsley is the kind that tries to please his customers, hence he prospers. He breeds Black, Buff and White Orpingtons and makes a specialty of selling eggs from his best pens, all special matings \$5 a setting. Mr. Kinsley can also supply you with exhibition birds fit to win at the biggest shows. Give him a call. Address, Pine Rose Poultry Yards, R. J. Kinsley, Prop., York, Pa.

H. O. COMPANY MAKES INTERESTING EXHIBIT

Among the many attractive exhibits at the great International Show, Buffalo, January 3-8th., was that of the H. O. Company, who had on display a complete line of their poultry feeds. These were so arranged that those interested could examine them fully, and many remarks as to the high quality of the materials used were heard.

They are making a specialty of a steamed-cooked chick feed. It is carefully prepared from a mixture of corn, steel cut oatmeal, cracked wheat, kaffir corn, peas and millet and is steamed cooked by a special process in their own mill.

It is not the number of chicks hatched—but the number raised—that

makes the profit. You cannot expect to raise them without the proper food. Greater care should be exercised in this respect than any other.

They issue an attractive and interesting circular describing the complete line of feeds prepared by them and our readers who are interested in quality foods should ask for it.

Write the H. O. Company Mills, Buffalo, N. Y., or John J. Campbell, general sales agent, Hartford, Conn., and mention AMERICAN POULTRY WORLD.

G. E. GREENWOOD, LAKE MILLS, WISCONSIN

At the Minneapolis Show, held January 11-17, 1912, Geo. E. Greenwood, Lake Mills, Wis., well-known as a breeder of high-class S. C. White Orpingtons, won on six entries 1st and 4th cockerel, 1st hen, 3rd and 5th pullet and the following specials: A. P. A. gold medal for best bird in the show; silver cup for best shaped Orpington cockerel; gold leg band for best cockerel and hen, and White Orpington Club specials. This is one of the rare instances if not the first, where a White Orpington cockerel has won a shape special over the other varieties of Orpingtons, including Blacks. Over 170 birds were exhibited in the Orpington classes, including a number of Chicago winners. Before breeding White Orpingtons Mr. Greenwood was one of the most successful breeders of Black Orpingtons in the country and his experience in producing the Orpington type is evidently helping him to improve the type of the Whites. His catalogue can be had on request if you mention A. P. W.

S. C. W.

20,000 Leghorn Baby Chicks

\$12 per 100 until May 15th
\$10 per 100 the balance of the season

The Everlay Farm offers you an opportunity of securing Day-old Chicks at "Bargain Prices", all hatched from our wonderful Everlay strain, the same stock we shall hatch 4,000 for our own use.

We shall operate *Two Mammoth Incubators* and can take care of any size order this spring.

Our stock have size, good earlobes, eyes and color, and we believe are the largest, finest, healthiest flock of Leghorns in the East. When you buy our chicks, you get great constitutional vigor and "they will live" if given half a chance.

We have thousands of chicks ordered and we urge you if you want your chicks on time this spring to

ORDER NOW

If you want stock from large, carefully selected A1 utility stock absolutely free from all disease—chicks that you will be proud of next fall, we urge you again to ORDER NOW.

HATCHING EGGS \$6 PER 100 IN ANY QUANTITY

Address
Everlay Farm, Route 2, Methuen, Mass.
25 per cent. required with all orders.

RUPERT'S COLUMBIAN WYANDOTTES Excel as egg producers, are unequaled in shape, have extra good markings and have been winning for 3 years, in competition with the best

FIVE GRAND PENS MATED FOR 1912

egg trade from which I guarantee results, *A few choice cockerels* for sale. Mating list free.

H. BEN RUPERT, Box W, BLOOMSBURG, PA.

Zeller's White Orpingtons

Typical in shape, beautiful in color—fit for any show anywhere.

STOCK FOR SALE. EGG ORDERS BOOKED NOW: \$3 and \$5 per 15.

MILTON POULTRY YARDS, L. P. Zeller, Prop., MILTON, IND

BUSCH'S BLACK ORPINGTONS

At the first show of the season (Mansfield, Ohio) in heavy competition won a big share of the prizes including 1st cock, and Gold Special. 1st cock pronounced by leading authorities as one of the best brought out to date. Eggs from my Imported and Domestic Winners, booked now.

J. H. BUSCH, 3722 Brooklyn Avenue, CLEVELAND, OHIO

FULTON MARKET POULTRY FARM

G. L. OLES, Proprietor G. T. SPONENBERG, Superintendent

YOUNGSTOWN, OHIO

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. G. Dun & Co., Bradstreets, First National Bank of Youngstown, Ohio, Citizens National Bank, New Castle, Pa., Oil City Trust Co., Oil City, Pa.

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by buying Potters Portable Factory-made Fresh-air Houses; coops, feed hoppers, fountains, vermin proof roosting and nesting fixtures, etc.—everything for poultry owners. Highest grade and cheaper than you can make at home.

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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.

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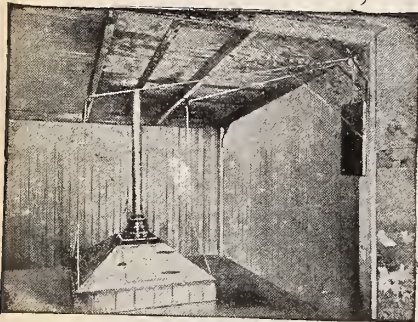
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NATURAL CONDITIONS FOR ARTIFICIAL BROODING

Every poultryman knows the importance of natural conditions and how true it is that the lives and health of the chicks depend upon those conditions being supplied in the brooder. Therein lies the secret of Hall success. Natural conditions are always maintained.

The Hall Company manufactures two



Hover in position for chicks.

systems which may be used in combination or singly as desired. First is the hot-water heated nursery brooder, operated by the Hall Self-regulating Furnace, heating the hovers in one continuous row. Warm fresh air is introduced from under the top of the hover and is deflected down upon the chicks' backs. There is no crowding nor suffocating. Labor is lessened one-half and fuel is reduced ninety per cent. The arrangement of the hovers in an alley 4 ft. wide, and outside of the pens, allows the daily work of caring for the chicks to be done without entering the pens.

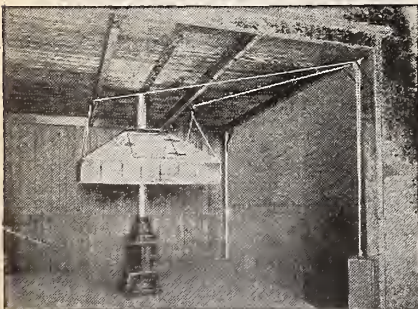
The chicks are always in sight and they thrive and normally develop. The hovers are warm, the houses are cool, and the chicks run out and in again just as with the hen.

Enough heat rightly admitted. Pure fresh air. No leg weakness from hot hover floors. Economy of labor and fuel. Large, active, strong, healthy chicks are the product of the Hall Hot-Water Brooder System.

Supplementing the nursery system is the Hall Colony Brooder. When used in a colony house 8 ft. square, placed on grass range, they form an ideal method of brooding chicks.

The hover is 3 feet square, heated by a small coal burning heater, and successfully broods 300 chicks.

Ventilation is had through door or window and the heat is easily regulated as required. All the work is done under cover. The wind and storms



Hover raised for convenience of cleaning

have no effect upon the temper and convenience of the attendant. He comfortably and quickly does his work.

Oil fumes are eliminated, the risk of oil lamp fires is removed, and time and labor saved beyond appreciation.

The chicks have free range according to age. When the sexes are separated the pullets are left in the house to ma-

ture into large, vigorous, hardy, healthy birds for the next laying season.

The Hall Mammoth Incubator, followed by the Nursery and Colony Brooder Systems, form a Mammoth System that is well high perfect.

C. J. LOYD & SON

A concern that is establishing a reputation for producing good Partridge Rocks is C. J. Loyd & Son, Greensburg, Indiana. Their plant is up-to-date and about seven hundred head of young stock was reared the past year, and together with their older birds are able to take care of a big trade this season. Loyd's Partridge Rocks are consistent winners, getting their share at such shows as Chicago, Cincinnati, Indianapolis, and Indiana State Fair. Their birds carry nice lacing with fine Rock shape. Mr. Loyd, Senior, is a responsible business man of his city and will be pleased to hear from anyone interested in his variety.

BEAUTIFUL ART CALENDAR FREE

With its usual enterprise the makers of Zenoleum have prepared a really beautiful home calendar for 1912. It is printed in many colors and is something that you will prize. Readers of AMERICAN POULTRY WORLD can have one of these calendars free if they will write to the ZENNER DISINFECTANT COMPANY, 270 Lafayette

Ave., Detroit, Michigan. The editor will appreciate the fact if you will mention this paper.

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.

THE IMPROVED CHAMPION LEG BAND



Aluminum only, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off.

THE RIVETED



Can't be removed without destroying band, six sizes, Plyer sealer 25c. Numbered consecutive; no duplicates will be made.

THE SUPERIOR
Positive lock, can't lose off, six sizes, always state breed and sex. Either kind, postpaid 12; 15c; 25; 20c; 50; 35c; 100; 60c. Initials extra on Champion only, 10c per 100; 50 or less 5c. Also Pigeon Bands. Stamp for one sample. Circular free. T. CADWALLADER, Box 112, SALEM, OHIO

Trade **Chicko** **ROUP and COLD REMEDY**
Guaranteed to cure. Your money back if it fails. Price 25 Cents.
At your dealer, or by mail, postpaid.
Mark **HENRY W. DICKER**, Department 7, **CLEVELAND, OHIO**

"FAULTLESS" HOUDANS
Eggs for sale that will put you in the winning class. Circular
F. J. REVELEY, Box 441, **EAST HAVEN, CONN.**

McCLAVES White Wyandottes, B. P. Rocks, Orpingtons
Leghorns, Bronze and Narragansett Turkeys,
Emden, African and Chinese Geese, Muscovy
Pekin and Rouen Ducks. 600 Selected Fowls for Sale.
CHARLES McCLAVE, Box W, **NEW LONDON, OHIO**

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.**

PEIFER'S "CRYSTAL" WHITE ORPINGTONS
have demonstrated their quality, by winning at such shows, as Scranton, Williamsport and Sunbury, Pa.
During the past two seasons my birds in strongest competition have won 15 firsts, 24 seconds, 6 thirds, 7 fourths, 6 fifths, and 2 sixths. Winning 1st pen six consecutive times.
PURENESS OF COLOR MY HOBBY

Stock and eggs for sale at reasonable prices. Catalogue free. Write your wants.
JOHN C. PEIFER, Box W, **DANVILLE, PA**

LIGHT UP!
You can transform any kerosene (coal oil) lamp or lantern into dazzling brilliancy with our wonderful **Bright Light Burner**. 50 candle power invisible and **unbreakable Steel Mantle**. Brighter than electricity, better than gas or gasoline, and **perfectly safe**. No generating—simply light like any kerosene lamp. Nothing to get out of order. Positively will not smoke or flicker.
AGENTS WANTED EVERYWHERE. Sells like wildfire. An opportunity of a life time, work all or spare time. Experience unnecessary. Make big money—be independent. Write today. Act quick—territory going fast. Complete sample, postpaid, 30c, 4 for \$1.00. Money back if not satisfactory.
BRIGHT LIGHT CO., Dept. 355, Grand Rapids, Mich.

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

ANDALUSIANS

BLUE ANDALUSIANS. Winners at our largest shows. Eggs 15 for \$2.00. Robert R. Street, Falconer, N. Y. 1-2-2

BANTAMS

GAME BANTAMS. Brown, Reds, Pyles, Golden and Silver Duckwings, Birchens. Grand birds for sale. W. H. Congdon, Oak Lawn, R. I. 3-2-2

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 Brahmas. I ship on approval—Circular Free. Geo. C. Salmon, Port Dickinson, N. Y. tf

NOTICE. \$5.00 or \$10.00 will buy a mated pair of Schilling's World's Best Buff Cochin Bantams. B. O. Schilling, Brighton, N. Y. 6-2-2

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

BLACK COCHIN BANTAMS winners of 20 firsts and 9 seconds at 6 of the largest shows in New England, including—Boston, Brockton Fair, Providence and Portland, first Pullet, second Hen and second Cock at Boston. Plenty of choice exhibition and breeding stock for sale at reasonable prices. It will pay you to write me before buying. A. I. Paine, Sta. A. 1, Whitman, Mass. 9-10-2

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. Penn, Box 44, Delavan, Wisc. 5-6-2

LIGHT BRAHMA BANTAMS. J. Hart Welch, Box W, Douglaston, L. I., N. Y. 6-2-2

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

BUCKEYES

BUCKEYES—First winners, Madison Square, Boston, Philadelphia, Buffalo, Scranton, Stock and Eggs. Lindley Place, Meshoppen, Pa. 3-4-2

BUCKEYES, eleventh year, State Fair, Cincinnati and Columbus firsts. Gardner Dunning, Logan, Ohio. 3-4-2

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

CAMPINES

CAMPINES—For Kennedy's Improved Champion Strain see advertisement on inside front cover. tf

IMPORTED SILVER CAMPINES (Brackel) 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

COCHINS

BLACK, BUFF, PARTRIDGE. 25 trios at \$12 to \$15 per trio to close, worth double this price. Immense feathering. Eggs \$4.00 to \$5.00 per 15. Catalogue. D. C. Peoples, Uhrichsville, Ohio. 1-2-2

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 \$1.00 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 GEESE 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

BUFF ORPINGTON DUCKS the greatest money makers of all. Don't delay the start now—Investigate them on approval. Eggs. Write Pineapple Duck Farm, Hickory Grove, Ky. 1-2-2

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

GEESE

TOULOUSE GEESE, a few Ganders for sale from prize winning stock; also eggs in season. E. C. Dunlap, Shelby, Ohio. 3-2-2

TOULOUSE GEESE—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

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

HAMBURGS, WHITE

WANTED good stock, no disqualifications. Also eggs. Labente, Mountville, Va. 1-2-2

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

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

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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, Wis. 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. 11

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

"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

LEGHORNS—BUFF

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, Fairconer, 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. Croviserat, 38 Mill Road, Freeport, N. Y. 3-4-2

LEGHORNS—SILVER

SILVER LEGHORNS a specialty. 10 years a breeder of this beautiful variety. Circular free. Sylvester Shirley, Port Clinton, Ohio. 12-1-2

LEGHORNS—WHITE

S. C. WHITE LEGHORNS. Heavy laying strain. Eggs for hatching. \$1.50 per 15. Exhibition mating \$3.00 and \$5.00 per 15. H. N. Terhune, Clifton, N. J. 4-5-2

S. C. WHITE LEGHORN CHICKS—and hatching eggs, from stock bred to lay. C. F. Biddle, Canton, Pa. 1-2-2

S. C. WHITE LEGHORNS. Three leading strains. Large snow white birds, heavy layers. Eggs 15 for \$1.25, 100 for \$7.00. C. B. Van Dervoort, Linden, N. J. 3-4-2

SINGLE COMB WHITE LEGHORNS—Stock from Pine Top Poultry Yards. Eggs, \$2.00, \$3.00, \$5.00 per 15, utility stock, \$5.00, \$8.00 per 100. Single Comb Black Minorcas, eggs \$1.50 per 15. Chicks, 10 to 35c each. Satisfaction guaranteed. Elwin Owens, Cameron, N. Y. 3-3-2

WYCKOFF-BLANCHARD S. C. W. LEGHORNS, hatching eggs, day old chicks, great specialties. Largest orders filled promptly—fully guaranteed. Furnished foundation stock for Corn-ing plant. Bound Brook, N. J. Circulars tell of a new and wonderful proposition. Chicks sure to live and grow. Choice breeding stock. 19 years' experience. C. N. Reynolds, Canton, Pa. 6-6-2

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S. C. WHITE LEGHORNS—Our famous Weja Strain; Barred Rocks; Ringlet Strain, stock for sale. Booking orders for baby chicks, 10 cents each. Catalogue free. Peerless Poultry Farm, Kenton, Ohio. 3-2-2

YOUNG'S STRAIN LEGHORNS, direct. Some fine breeding cockerels for sale. Eggs for hatching. Get my prices. Bayerdorfer, 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

YOUNG'S WHITE LEGHORNS purchased last April from D. W. Young fifteen dollar eggs, from yard 4 and 5. Ten cockerels out of Madison Square winners, for sale, three dollars up. Get prices for eggs. W. H. Nagel, Franklinville, N. Y. 3-2-2

S. C. WHITE LEGHORNS. Day old chicks and eggs for hatching from finest utility stock. Few pullets for sale. Pinehurst Poultry Farm, Levanna-on-Cayuga, N. Y. 3-2-2

FOR SALE, S. C. WHITE LEGHORNS, cockerels, pullets April hatched, heavy laying strain. Large vigorous birds. Dan Schaller, Clark, Pa. 3-2-2

STOCK, EGGS and CHICKS from S. C. WHITE LEGHORNS, Black Orpingtons and Black Minorcas. D. P. Smith, Lime Kiln, Md. 3-4-2

SINGLE COMB WHITE LEGHORNS of the best laying strains. Orders booked now for hatching eggs, March-April-May, at \$6.00 per hundred. Day old Chicks, April-May, at \$18.00 per hundred. Address Pleasance Farm, Box 8, Westchester, New York. 3-4-2

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

POMO FARM strain S. C. WHITE LEGHORNS—"The Business Strain". Eggs 100-\$5.00, chicks 100-\$12.00. Pomo Farm, Durham, Pa. 1-2-2

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

CRYSTAL-WYCKOFF S. C. W. LEGHORN HENS, 75c; pullets \$1.00; cockerels \$2; eggs \$5 hundred. "Few Acres" Farm, Salem, Ohio. 1-2-2

YOUNG'S STRAIN WHITE LEGHORNS. At Rochester, Flower City Show, won first and fifth cockerel (also special best cockerel). Birds out of Madison Square Winners. Price on eggs this season three dollars. W. H. Nagel, Franklinville, N. Y. 2-4-2

EGGS FOR HATCHING FROM THE BEST LAYING STRAIN of prize winning S. C. W. Leghorns and White Rocks. Birds large in size and pure white. Satisfaction guaranteed. \$1.00 and \$2.00 per 15, \$6 and \$10 per 100. Pleasant View Poultry Farm, Middletown, Pa. 12-1-3

BREEDERS—S. C. WHITE LEGHORNS—S. C. R. I. REDS. Baby chicks, eggs for hatching, custom hatching. Write for booklet. Ingleside Poultry Farms Co., Pennington, N. J. 4-5-2

BULLY GOOD WHITE LEGHORNS, yearling hens \$2.00; Chicks, March, 22c, April, 18c; May, 14c. Also good stock, Wyckoff Strain, ¼ less. George Phillips, R. 17, Waterloo, N. Y. 1-2-2

SINGLE COMB WHITE LEGHORNS, bred for business—quality of our stock is unsurpassed. Cocks, cockerels and eggs for hatching, prices right—and a square deal. Mating list. Kanyahoor Farm, Route 2, Barneveld, New York. 1-2-2

THOROUGHbred SINGLE COMB WHITE LEGHORNS. Stock from three of largest Leghorn farms in America. Eggs for hatching. Day-old chicks. Write for prices. Muskingum Poultry Farm, LeRoy Owen, Mgr., Beverly, Ohio. 3-4-2

SINGLE COMB WHITE LEGHORNS. Cockerels \$1.50, \$2.00. Eggs 15 for \$1.00; 100 for \$6.00. Book orders now. Progress Farm, Alton, Ill. 3-4-2

MALINES

MALINES (Mammoth Strain). Excellent layers of large brown eggs and undoubtedly the most delicious table fowl in the world. My yards contain winners at all the largest shows on the continent. Write for handsome booklet containing history, description and prices of stock and eggs, free. J. R. Kennedy, Box B, Scarborough, Ontario, Canada. 3-3-2

MINORCAS—BLACK

SINGLE COMB BLACK MINORCAS. Hatching eggs from large mature stock. Standard bred for shape and heavy laying. Eggs \$1 per 15. Frank Miles, Dundee, N. Y. 3-4-2

SINGLE COMB BLACK MINORCAS, eggs for hatching from prize winning stock \$3 per setting. Incubator eggs \$7 per hundred from good utility birds. J. C. Koehler, Quakertown, Pa. 3-4-2

Madison Square Winners, **SINGLE COMB BLACK MINORCAS**—2 cockerel, 4 pullet, 1910. 5 cock, 1911. Eggs from these grand birds \$5 for 13. Glenwood Poultry Yards, 30 Glen Road, Rutherford, N. J. 3-4-2

SINGLE COMB BLACK MINORCA eggs for hatching, \$1.50 for 15. Baby chicks, 20 cents each. C. E. Long, Catonsville, Md. 3-3-2

SINGLE COMB BLACK MINORCAS. (Northup Strain) a fine lot of yearling hens at \$1.50 each. Pullets at \$2.00 each. Cockerels \$2.00 and \$3.00. Send P. O. Order. Daily's Minorca Farm, Greene, N. Y. 3-3-2

SINGLE COMB BLACK MINORCAS exclusively. Northup Strain. Open range raised with size, shape and color. Pullets and cockerels for sale. Send for catalogue. S. J. Arnold, Route 2, Dayton, O. 3-3-2

MINORCAS—WHITE

I AM THE ORIGINATOR ALBINO STRAIN Rose Comb White Minorcas, first at Chicago. Circular. Fred Alger, Waukau, Wisc. 3-2-2

CLARK'S WHITE MINORCAS, line bred for 13 years. Eggs and baby chicks. Tioga Poultry Farms, Apalachin, N. Y. 3-4-2

ORPINGTONS—BLACK

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15 EGGS \$5 means 15 chicks for you. We replace free all that do not hatch. Highest quality. Line bred—Famous Sires—Tillford's "True to Name" Barred Plymouth Rocks. Geo. W. Haskins (manager), 10 years with E. B. Thompson. Write Chas. W. Tillford, Amenia, New York. 1-2-2

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ROSE COMB REDS—Bean blood, deep, dark, lustrous red fowl of splendid shape and size. Winners at Allentown, Hagerstown, Paterson, Passaic, Rutherford and elsewhere. Send for mating list. Chas. O. Hattersley, Box 13, Nutley, N. J. 1-2-2

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LESTER TOMPKINS STRAIN RHODE ISLAND REDS—Both combs. Winners at Philadelphia and Baltimore shows. Stock for sale. Eggs for hatching \$1.00 per fifteen, \$5.00 per hundred. Special prize mating in each comb, \$3.00 per fifteen. Write for mating list. J. M. Drumm, Mercersburg, Pa. 3-4-2

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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

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BUFF WYANDOTTES OF QUALITY. After winning best display Cleveland and also Ohio State Cup, I offer young stock at reasonable prices for a short time. F. W. GeMeiner, Lorain, Ohio. 3-2-2

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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

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SILVER WYANDOTTES. Farm raised that have the size, shape and lacing. 25 choice cockerels at \$5.00 up. Females \$3.00 up. Eggs in season. Millsbaugh & Decker, Warwick, N. Y. Box No. 356. 3-2-2

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FOR SALE—PARTRIDGE WYANDOTTE COCKEREL also eggs. Inquire Thomas Bice, Moline, Ill. 1-2-2

WYANDOTTES—WHITE

WHITE WYANDOTTES and ROSE COMB BLACK ORPINGTON cockerels for sale. Eggs for hatching in season. Valley Farm, Myricks, Mass. 3-3-2

DON'T MISS THIS CHANCE, nine pullets and cockerel \$25, Six hens \$3 each—(Fell Strain) beauties, satisfaction guaranteed. H. D. Martin, Route 3, 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

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The following announcement of the purchase of the Columbian Rock business of S. M. Clemo by Lew H. Bown of East Aurora, N. Y., will prove of interest to all who are interested in this variety:

Welland, Ontario, Jan. 22, 1912.

This is to certify that I have sold my entire stock of Columbian Plymouth Rocks to Lew H. Bown of East Aurora, N. Y., the stock including 1st-2nd cock, 1st and 2nd cockerel, 4th hen, 2nd and 4th pullets and first pen at the Buffalo International Show, held January, 1912, and many other unshown good birds. As I have mated the above birds for Mr. Bown for best results, I would refer all my patrons to him for stock and eggs. S. M. Clemo.

Mr. Bown has issued a mating list describing his matings that will be sent on request to those interested who mention A. P. W.

HILLCREST FARMS, OAKFORD, PA.

Among the well-known poultrymen who have become interested in the Campines is W. F. Fottorall, proprietor of Hillcrest Farms, Oakford, Pa. Mr. Fottorall is an experienced and successful breeder of the several varieties of the Plymouth Rocks and originated one of the best known strains of Partridge Plymouth Rocks in the country. Birds of his breeding have repeatedly won highest honors at Madison Square Garden, Boston, Philadelphia, Baltimore and other leading shows. Mr. Fottorall's advertising will be found in this issue and those who are interested in either Campines or Partridge Plymouth Rocks will do well to look it up, as well as write him for his printed matter.

BUFF ROCK CLUB QUALITY

According to Thos. B. Elliott of Wellston Station, St. Louis, Mo., interest in Buff Rocks is steadily increasing. Mr. Elliott is an old-time breeder of this variety and has a successful record made in the show room. He is secretary of the Buff Rock Club and breeders who are interested in the popular Buff Rock should send to him for copy of the Club Quarterly that can be had on request by mentioning AMERICAN POULTRY WORLD.

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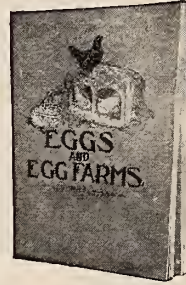
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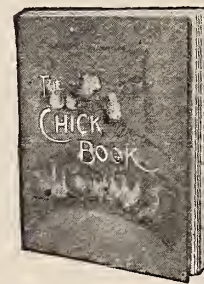
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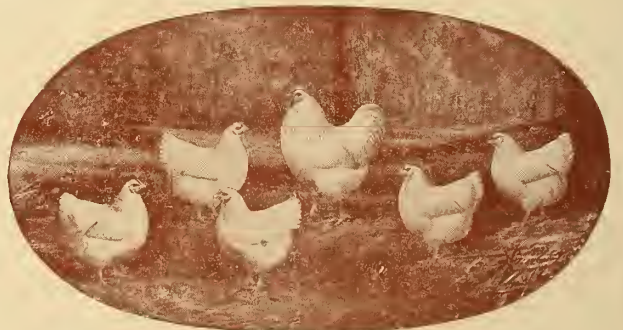
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