

AMERICAN POULTRY WORLD

APRIL, 1913

Vol. IV

No. 6

INDUSTRY

PROGRESS

ECONOMY



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

AMERICAN POULTRY WORLD

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

158 Pearl St., BUFFALO, N. Y.

President GRANT M. CURTIS
Vice-President A. O. SCHILLING
Secretary-Treasurer WM. C. DENNY

SUBSCRIPTIONS

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

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

Subscriptions can begin with any month.

Write your name and post office address plainly. If your Journal does not reach you promptly each month, kindly notify us.

When you request change of address, give the old as well as the new address.

EXPIRATIONS AND RENEWALS

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.

45,000 COPIES PER MONTH

It is positively guaranteed that during the year ending April, 1914, the AMERICAN POULTRY WORLD will circulate an average of forty-five thousand (45,000) copies per month. All advertising contracts are based on this circulation.

ADVERTISERS GUARANTEED

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

Advertising Rates Made Known on Application

Entered at the post-office, Buffalo, N. Y., as second-class mail matter.

45,000 FOR APRIL 1913

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 April, 1913, number of the AMERICAN POULTRY WORLD.

E. D. CORSON.

GEO. E. FITZSIMMONS, Notary Public.

CONTENTS, APRIL, 1913



FRONTISPIECE	H. W. Halbach's White Plymouth Rocks	
BARRED PLYMOUTH ROCK STANDARD REVISION	J. H. Drevenstedt	491
SUCCESSFUL METHODS OF RAISING CHICKENS	Le Roy Sands	493
DIFFERENT RATIONS FOR DIFFERENT BREEDS	Fred C. Gabriel	494
ARTIFICIAL INCUBATION	W. A. Wolford	495
ILLUSTRATION		496
THE INFLUENCE OF NATURE UPON EGG PRODUCTION	O. W. Mapes	497
COLUMBIAN WYANDOTTE COLOR MARKINGS	Chas. D. Cleveland	498
ILLUSTRATION		500
RUSSELL CAVE POULTRY YARDS	J. H. Drevenstedt	501
EDITORIALS		502
The Election of E. E. Richards As President Of The American Poultry Association. To Them That Have, Still More Shall Be Given. Results Of Recent A. P. A. Nomination Voting. The Announcement of E. B. Thompson As A Candidate For The Presidency Of A. P. A. Not A Candidate For Re-Election As Member Of Executive Board. Mr. Hopper Asks For Election To The Executive Board. Finally Detroit Is Heard From—Outside Of Michigan, Atlantic City, N. J., Would Like To Entertain Us. New Members Of A. P. A.		
EDITORIAL NOTES AND COMMENT	Wm. C. Denny	514
EDITORIAL NOTES AND COMMENT	J. H. Drevenstedt	520
MODES OF INHERITANCE		529
ROSE COMB BUFF LEGHORNS	H. D. Green	534
INDIAN RUNNER DUCK STANDARD	J. Donald	536
BRITISH WHITE WYANDOTTES	S. Hicks	539
WHITE LEGHORNS IN THE LEAD	O. Wilson	541
STANDARD BRED FOWLS		548
EXPERIENCE EXCHANGE		570
POULTRY WORLD AFFAIRS		571
QUESTIONS AND ANSWERS		574
CLASSIFIED ADVERTISERS		585
INDEX TO ADVERTISERS		591

NOTICE TO ADVERTISERS

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 FIFTEENTH OF THE MONTH PRECEDING DATE OF ISSUE.**

KING & TADPOLE FOWL
MALINES
QUEEN & BROWN EGGS



MAMMOTH

Black and White



STRAIN

Our yards contain winners at the Crystal Palace Show. A number of imported birds for sale. Write for prices and book on this great utility fowl. It's free for a stamp.

MANHATTAN FARMS, Box B, BRIGHTON, N. Y.

THE BIG QUESTION

Why do I, after over 20 years of breeding and experimenting with many varieties recognized in the American Standard, now recommend and breed exclusively the

CAMPINE FOWL

and call them "Living Egg Machines"? Because I do honestly consider that they have in them *six characteristics* to a greater extent than any other breed of fowl in the world to-day: **1. Prolificacy; 2. Size of Eggs; 3. Number of Eggs Laid; 4. Hardiness; 5. Small Amount of Food Consumed; 6. Last But Not Least Their Beauty.** Now won't you let me tell you more about these wonderful fowl which are "Living Money Makers," also be sure and notice large ad. on page 350, February issue, telling you about *Campinology* the classiest and most complete work ever attempted on Campines (ten cents to pay postage will be appreciated.)

J. Fred N. Kennedy, Box B, Birch Cliff, Ontario, Canada





PUBLISHERS' DEPARTMENT



A new and revised edition of the American Standard of Perfection is to be printed in 1915. To facilitate matters and aid in the work of revision, breeders of all varieties should lose no time in making recommendations as to what changes they think are necessary in the text and illustrations of the present Standard. AMERICAN POULTRY WORLD to aid in the work, and to give as much publicity to suggested changes as possible, will undertake to publish as many communications on the subject, as time and space will permit. Look over the description of your favorite variety in the present Standard today, and write us of any suggested changes that you think would be of benefit to the breed or variety of your preference.

As a member of the revision committee, Mr. Drevenstedt, associate editor of AMERICAN POULTRY WORLD, has received many communications from breeders of Barred Plymouth Rocks; he has incorporated them into an article in this issue, entitled, "Barred Plymouth Rock Standard-Revision." Some of the most prominent breeders of Barred Plymouth Rocks in the country have very forcibly expressed their ideas. How the recommendations will be received by the majority of breeders of this variety only time will tell. Get busy and let's have the views of all.

Following the article on the Standard will be found one entitled, "Successful Methods of Raising Chickens", by Le Roy Sands. This is a very reasonable article and should prove of great value to readers of this journal. Mr. Sands has made an unqualified success of poultry raising and tells in plain language how it has been accomplished.

Fred C. Gabriel, whose contributions are always interesting, has supplied an article this month of more than ordinary value and has brought out facts that are often lost sight of by large numbers of poultry raisers. This article should have careful reading as it will no doubt point out errors in the methods of many feeders and lead to changes in their rations that will work for greater success.

"The Influence of Nature Upon Egg Production" is the theme of O. W. Mapes in the article on page 497. Mr. Mapes believes that a hen can be made to lay if the proper feeds and environment are supplied, and cites several experiments that uphold his contention. He takes issue with another prominent poultryman who contends that the will power of the hen regulates egg production.

Breeders of the Columbian varieties, Columbian Wyandottes especially, will welcome Chas. D. Cleveland's article on "Columbian Wyandotte Color Markings." Mr. Cleveland's article is not only interesting but is educational and should prove highly valuable to all breeders of Columbian varieties.

The rules laid down for mating this variety of Wyandottes should also apply to other varieties where the same color combination prevails.

Several other articles of timely interest will be found in this issue and all in all we believe it is one of the most valuable issues from the reader's standpoint that has thus far appeared.

Arthur O. Schilling has supplied several illustrations of the winners of prominent prizes at the past season's shows. These illustrations are characteristic of all of Mr. Schilling's work as they give life-like reproductions of the most fashionable types of the varieties and breeds they represent.

THREE SEASONABLE BOOKS

At this season of the year there are many who are looking for dependable information on incubation and brooding. To all these we unhesitatingly recommend ARTIFICIAL INCUBATION and BROODING. The different chapters in this valuable book have been written by prominent authorities who have gained their knowledge from actual experience. Beginning at the egg they describe its structure and teach you the elements of artificial incubation and then proceed to the brooding problem and give you just the advice that if closely followed will guide you to success. Price 50c postpaid.

To supply a more comprehensive knowledge of the chick, we have prepared the CHICK BOOK. It tells of the successful methods to be employed in brooding chicks by both natural and artificial methods, what and when to feed, summer and winter care, in fact, it takes you from the shell to the maturity of the chick. Leaves nothing to guess at. It is the most complete treatise on how to grow chicks published. Price 50c.

Next to knowing how to raise chicks successfully is the proper housing of them. This is a question that is easily settled by securing a copy of POULTRY HOUSE FIXTURES. It contains plans and bills of material for a variety of houses of different designs besides full information for making many labor saving devices and appliances. This is recognized as the leading work on poultry house construction and is used as a text book in the poultry division at Cornell University, Ithaca, N. Y. This book is also sent postpaid for 50c.

The three books described above make a most valuable combination for any poultryman and especially the beginner. As a special inducement we will send the three books postpaid, if all are ordered at one time, for \$1.35.

R. C. Caldwell Ships "Baby Chicks of Quality" On Short Notice
See Ad. On Page 569

THE 20TH CENTURY DUAL PURPOSE FOWL Monmouth S. C. Buff and White Leghorns

We have perfected in our Strain the long sought for result, exhibition and utility combined. Champions of the South, practically sweeping the decks in both varieties at Atlanta, Ga., December, 1912, also winning 1st pen Madison Square Garden, New York, 1912-13, for the 5th year in succession in Buff Leghorns (our only entry) places the MONMOUTH STRAIN in a class by itself. Our Buffs and Whites are producing wonderful results on many egg farms the country over, and reports from Argentine Republic and other foreign countries, who breed the

Monmouth Strain, are most flattering, which substantiates our claim that we have perfected in our strain the **Dual Fowl.**

Why hesitate and experiment when a tried and true article is within your reach? Join the ranks of Monmouth customers, and tread the path of success. Years of experience are back of our matings this season. They are not problematical, but assured facts. Our past records speaks emphatically for our ability in this line. Send for our beautiful 1913 Catalog and Mating List, which gives full description and prices of our matings and stock. Always address,

Monmouth Farms,

J. C. Punderford, Owner, Thos. Lockwood, Supt., FRENEAU, MON. CO., N. J.

Stop the Mortality --- Stop Bowel Trouble.

If your chicks are not doing as well as you would like, if they are dying of this horrible scourge called White Diarrhoea, get a Simplex Brooder Stove and get them growing as you never before saw chicks grow. A Simplex will stop bowel trouble once and for all. The Simplex will turn your varying success and failure into one thing—success you never dreamed possible. It will put the profits into your pockets instead of dead chicks. It has saved hundreds of breeders from utter failure. It will save you. Just nature, fresh air, which can be provided only by the Simplex System, will not only stop that terrible scourge, but better still, will prevent it. Chicks around a Simplex are always happy, healthy and sturdy. They grow into dollars



SIMPLEX BROODER STOVE

The Reason Why

Because, with our system of ventilation, the air in the room is changed every fifteen minutes, and the carbon-dioxide which the chicks exhale in their breath is carried out of the room instantly. In the old fashioned brooding systems, which it is impossible to ventilate properly, the chicks are compelled to breathe back into their systems the poison in the shape of carbon-dioxide which nature has thrown off through their lungs and bowels. This carbon-dioxide is the only cause of bowel trouble and chicks which are kept in properly ventilated rooms are seldom afflicted with bowel trouble, and never when fed and housed correctly. It is a well known fact that air is more essential to animal life than food. We breathe air in order to secure the oxygen contained therein. After passing through the lungs the oxygen is extracted, and expelled in the form of carbon-dioxide which is poison to any living animal. To the hover system it is easy to trace the reason for the slow growth of chickens and White Diarrhoea which sickens the heart of the poultryman and puts so many of them out of business.

We extend you an invitation to visit Simplex Farm and see the Simplex Brooder Stove working. We have stoves now in operation with 1500 chicks around them. Call at our offices in Grand Rapids at 10 a. m. or 2 p. m. and we will take you out to Simplex Farm free of charge.

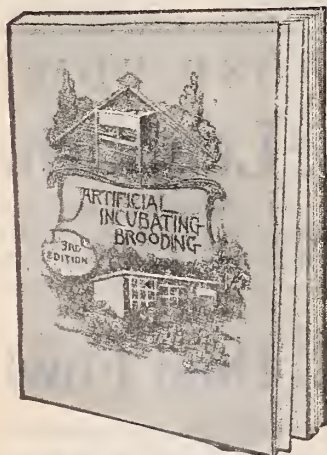
The Simplex Brooder Stove Saves Nine-tenths the Work, Nearly Doubles what you Raise with One-Quarter the Expense and One-Fifth the Investment.

"SUCCESSFUL BROODING"
Is the title of a book written by N. P. Husted and is the one book on Brooding that tells you something. It tells how to raise chicks so as to get hens that will lay plenty of fertile eggs any month in the year. **50c**
Sent postpaid for

Send for our free catalogue. It will show you how to make more money in the poultry business. It fully explains our system of ventilation and heating. We send it free. Write for it today, now, while you are thinking about it. It will surely be the beginning of the end of your brooder troubles. Address

Simplex Brooder Stove Co., 138 4th St., N.W., Grand Rapids, Mich

WHY WORRY? You will have no occasion to if you will secure a copy of **ARTIFICIAL INCUBATING AND BROODING**



96 PAGES, 9 x 12 INCHES
Many Helpful Illustrations.

Many interesting and helpful illustrations are contained in the 96 pages of this book. A copy purchased today may save you many dollars during the season. Don't delay.

Price, 50 Cents, Postpaid,

Or with a year's subscription to AMERICAN POULTRY WORLD for 75 cents. Sent as a premium for two yearly subscriptions to AMERICAN POULTRY WORLD at 50 cents each.

American Poultry Publishing Co., 158 Pearl Street, Buffalo, N. Y.

It is indispensable whether you operate one or one hundred incubators. It will tell you how to successfully hatch chicks by teaching you the things you should know about incubators and artificial incubation.

It will also direct the successful rearing of chicks by placing before you the methods of experienced poultrymen, whose success in rearing chicks prompted us to ask them for their methods. A chapter is also devoted to the **Day-Old Chick Industry**, this gives full details for handling this rapidly growing and interesting branch of the poultry industry.

Other subjects covered are given in the following partial list of contents:

Ancient Artificial Incubation: Some interesting facts.

The Egg and Its Germ: Causes of Abnormal Eggs. Breeding Stock, Mating, Care, Feed, Management. Hatchable Eggs. Weak Germs. Helps for Beginners, etc.

Incubating and Brooding Houses: Details of Construction. Heating Systems, etc.

Artificial Incubation: Selection of Eggs. Testing the Eggs. Care of Machine. Buying Incubators. Advantages. Mortality of Chicks. An Egg Tester, etc.

Artificial Brooding: Where to Locate Brooders and How to Manage Them. Number of Chicks. Temperature. Dry Feeding. Hopper Feeding. Housing and Rearing.

Broilers: Suitable Breeds. Seasons of Incubation. Proper Food, etc.

Hatching and Brooding of Ducks: Houses and Fixtures. Selecting Breeders. Care of Ducklings. Fattening. Marketing. How to Start, etc.

FISKE'S S. C. WHITE LEGHORNS

The Coming Champions of America

Coming Events cast their shadows before—

That my Single Comb White Leghorns are casting shadows toward the world's Championship must be admitted if the following records are any criterion.

Madison Square Garden, 1912-13:

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

Buffalo, January, 1913:

(In one of the largest classes in the show)

A clean sweep, winning all five prizes in the Single Classes and first and second pens. Special for best bird in show. Display special and many other minor prizes.

They must be recognized as contenders in any competition. Watch them in the future, they are bound to reach the goal.

You should have some of this quality in your flock. Let me supply it, my prices are reasonable.

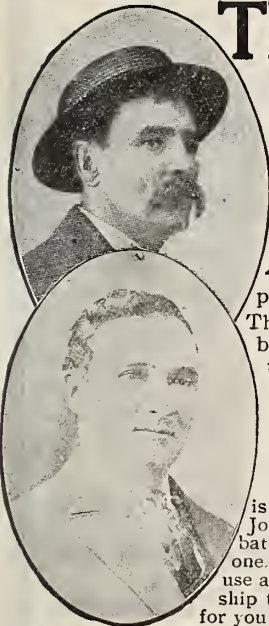
Send for Mating List.

A few males for sale.

Skylands Farm,

Harlo J. Fiske, Manager,

Sterlington, N. Y.



The Kind of a Hatcher Lincoln Would Have Made

ABRAHAM LINCOLN struck the keynote of the Old Trusty Incubator people, when he said, "you can't fool *all* the people *all* the time."

The Johnsons have never built a cheap incubator. Yet they could build one cheaper than anyone else if they wanted to. They have the *largest factory*, the *largest output*—buy materials in *largest quantities*, sell *direct* from factory, and save in *many* other ways that are *not* possible to *other* manufacturers.

Johnson's Old Trusty

is made of red wood—not composition board or any *cheap* wood. The Johnsons use a *copper* tank instead of a galvanized one. Their incubator is *full size*—not skimped. They use a firm egg tray, not a light, skimpy one. They use a guaranteed thermometer, though others cost less. They use a lamp burner that gives the most heat for given amount of oil. They ship their Old Trusty all set up complete, except the legs—not knocked down for you to put together.

Yes, the Johnsons could make a cheap incubator and sell it for about \$6.48 and still make a profit. But "you can't fool *all* the people *all* the time." The Johnson's price is less than \$10, and those who want a real hatcher will pay that price for the "kind of an incubator Lincoln would have made"—honest all the way through.

**30 to 90 Days Trial—10 Year
Guarantee—Price less than \$10**

Over 400,000 Old Trusty Incubators have been sold. They are making big money for owners in all parts of the world, in every climate, under all sorts of conditions. Could anything but the *best* incubator make such a *universal* success? Don't you want to know the *reasons why* so many Old Trusties have been sold? Wouldn't you like to join the big Old Trusty family of successful chicken raisers? Send a postal now for the Johnsons' 1913 book. It's free—address

JOHNSON, *The Incubator Man*,

Clay Center, Neb.



**Less
Than \$10**
Freight Prepaid
East of the Rockies

Featherless
Mother of a
Billion Chicks

1913 Book FREE

Home written home made, home printed by the Johnsons themselves. It contains the facts and experiences gained by 17 years experience in the incubator and poultry business, and the knowledge gained by the experience of 400,000 Old Trusty owners. Full of *real helps*—no theories, no fanciful stories—nothing except straight-from-the-shoulder facts.

Everybody waits for Johnsons' new books. Your copy is ready. Mail a postal for it
NOW



The Johnsons Have 400,000 Customers

The Johnsons might have sold 10,000 *poor* incubators—or 20,000 *fairly good* incubators—but they never could have sold nearly *half a million* if the quality wasn't *highest*. Don't you think you can make money with the incubator that 400,000 *others* have made money with? Send for the Old Trusty book. A postal will do.

YOUNG'S STRAIN Single Comb White Leghorns

(I HAVE NO OTHER BREEDS)



My strain won every prize and special offered at the World's greatest show, Madison Square Garden, New York, January, 1913.

My Individual winnings were:

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

In fact, for the past ten years my strain has won in every show of any note in the United States and Canada. They are the standard for all the Leghorns of all America, and the greatest layers of all varieties of domestic fowl, I have hundreds of cockerels for sale that can win anywhere, and after winning will improve your stock for eggs and exhibition points. Remember, you cannot win without my strain.

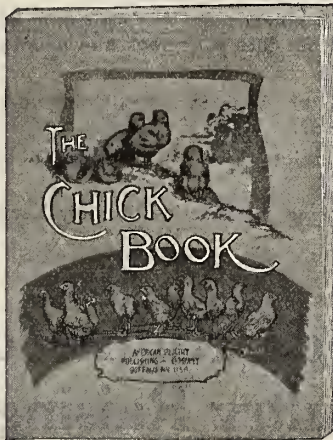
Mating List Free. Address

D. W. Young,

Monroe, N. Y.

The Chick Book

is indispensable to those who contemplate raising a few or many chicks. It is a complete treatise on this intricate subject and contains thorough and reliable instructions on hatching and rearing chicks by both Artificial and Natural methods.



Now Is The Time

to secure a copy of **The Chick Book** and be prepared when the time arrives. Don't lose a whole hatch just because you don't know what to do or how to do it. **The Chick Book** guides you in the care of the chicks from shell to maturity. Read this partial list of contents:

BREEDING.—Constitutional Vigor. Line Breeding. Felch Line Breeding Chart. Selection of Breeders and Layers.

INCUBATION.—Artificial and Natural Incubation. Environment for Incubators. Ventilation and Moisture in Incubators. How To Set a Hen.

BROODING.—Rearing Chicks Artificially and Naturally. Raising Chicks in Brooders.

CARE AND FOOD.—Feeding and Care of Young Chicks. Formulas for Feeding. Hopper Feeding.

SUMMER AND WINTER CARE.—June Hatched Chicks. Mid-Summer and Fall Work. **PROFITABLE LATE HATCHES.** Care of Valuable Chicks in Bad Weather. How To Get Rid of Poultry Pests.

MARKETING.—The Day-Old Chick Business. Killing and Dressing Poultry. Directions For Making Shipping Coops.

The Chick Book was prepared chiefly to assist the amateur or new beginner but as it contains the experience of many of our oldest and most successful breeders, a copy should prove of value to the more experienced.

It contains 80 pages, is fully illustrated the price is

50 CENTS, POSTPAID

With one year's subscription to *American Poultry World* for 75c. Mailed free for two yearly subscriptions to *American Poultry World* at 50c. each. Address all orders to

AMERICAN POULTRY WORLD

158 Pearl Street, Buffalo, N. Y.

All Incubators

Enable the poultryman to extend his operations.

Reduce the labor of hatching as compared with hens.

Give the poultryman control of the hatching season.

Remove the chicks from the hen's vermin and disease germs.

All Mammoth Incubators

Still further decrease the labor of hatching.

Remove the danger of fire from kerosene lamps.

Reduce the fuel cost to a small fraction of the former figure.

Permit the adding of further hatching capacity to a single incubator.

Increase the hatching efficiency by eliminating kerosene fumes and drying air currents common in lamp incubators.

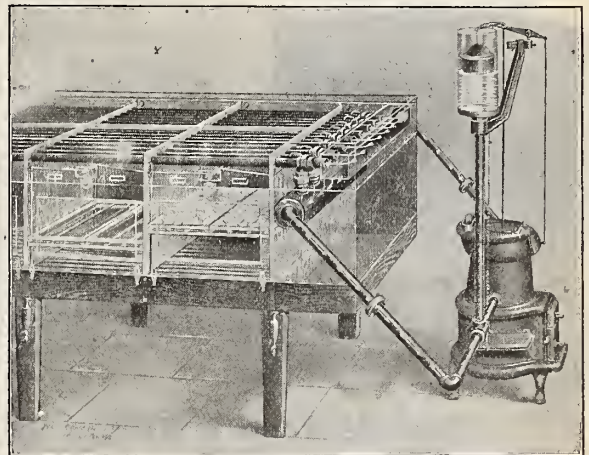
Tend to concentrate the hatching of chicks in the hands of those who make a business of it upon a sufficiently large scale to afford the best equipment known.

The Hall Mammoth Incubator

Has compartments holding 150 eggs each.

Has the safest and most convenient tray lifting device.

Does not rely on thermostats to take care of the development of animal heat.



Has slatted bottom, providing ample ventilation without drafts as does the curtain front poultry house.

Is the original Mammoth Incubator, and being first in the field, had opportunity to pick out and patent the best and simplest way to control each condition of incubation, leaving imitators to infringe patents or adopt substitute methods and proclaim them as improvements.

Has the largest list of began-little-and-grew-big customers; here are a few of them:

	Original capacity		Present capacity
Peerless Farms, Northport, L. I.	3,000	-	15,000
Wayne Poultry Farm, Stony Point, N. Y.	6,000	-	21,000
Mt. Pleasant Farms, Mt. Pocono, Pa.	6,000	-	24,000
Kerr Chickery, Frenchtown, N. J.	6,000	-	31,200
Laurelton Farms, Lakewood, N. J.	15,000	-	48,000
Michigan Poultry Farms, Lansing, Mich.	12,000	-	60,000
Geo. M. Woods, Leman Place, Pa.	12,000	-	81,600

In the New Hall Catalog are letters and photos from these and many other plants that have grown. Send for it today.

THE HALL MAMMOTH INCUBATOR COMPANY

152 Southern Avenue

Little Falls, New York

The Best Methods

READER, the *Brooding and Feeding* Season is right before you *now!* Upon the care you take of your chicks in the *next few weeks* depends very largely the net Poultry Dollars you will make in 1913.

The Big Poultry Profits are made on breeders, layers and prime market fowls, *reared right and well developed.*

Good hatching is only *half* the battle. The question that should interest you most just now is *what to do when the chicks arrive*—how to house them, keep them plump and strong—how to prevent losses that may cut into your flock and make your successful hatching *count for nothing*, except work and worry.

Let us "mark" these questions "*personal*": How Are *You* Going to Brood Your Chicks? What Are *You* Going to Feed Them? Have *YOU* decided to Use Right, Safe, Proved Methods All the Way to SUCCESS?

You simply *cannot postpone* giving these *vital* matters your immediate, thoughtful attention, provided you want to be in the Big Profits Class this year.

The Cyphers Company Brand and *Trade-mark* means the World's Standard in *everything* for Practical Poultry Keepers; *without exception* "the best article for the purpose."

Sixteen years of experience and *continued success* have proved

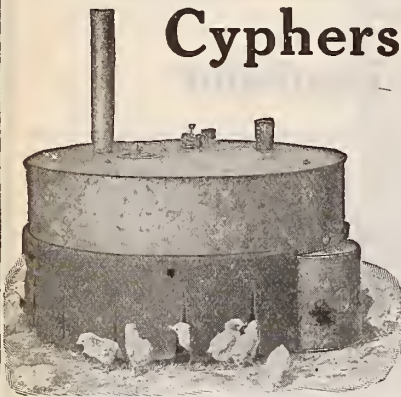
Cyphers Company's Methods Right for Money-Making Poultry Raising

Adopt and *follow* Cyphers Company's Methods. They will guide you right—will help you not only in *producing* big, strong, healthy chicks, but in bringing your poultry into *market at best prices.*

Thousands of successful poultry raisers and egg producers, both men and women, use Cyphers Company's goods *exclusively*—and with *gratifying results.* Cyphers Incubators, Cyphers Brooding Equipment, Cyphers Foods, Cyphers Standard Supplies, for all *practical purposes*—and why not you, Reader?

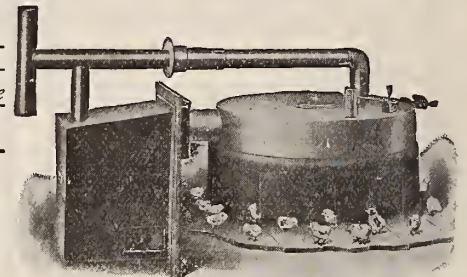
Time and opportunity *now* are too precious to risk on experiments! *Action*—quick, intelligent action is your *insurance of safety*—of *results.*

Write *today* for helpful *free* books described on opposite page. *Then act!*



Cyphers Portable Hover

Set it down Anywhere Indoors, or in a Colony House or Roosting Coop and You Will have a Safe and Comfortable Place for the Little Chicks. "Movable" on a Moment's Notice without even Turning Down the Lamp Flame. Is Self-Regulating, Self-Ventilating, All-Metal and Practically Indestructible.



Cyphers Adaptable Hover

Fire-Proof, Insurable, Self-Regulating and Self-Ventilating. Used in Full Line of Cyphers Indoor and Outdoor Brooders. Best Device for Home-Made Brooders.

Sample Reports From Customers

"Coldest Month South Has Had"

Charlotte, N. C., July 5, 1912.

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

This spring I purchased one of your Self-regulating and Self-ventilating Adaptable Hovers, and it has been highly satisfactory in every respect. *I ran it outdoors in a home-made brooder box as early as February, which this season was the coldest month the South has had in a good many years, but I had no trouble in keeping up the required heat in the Adaptable Hover to properly care for the comfort of the little chicks entrusted to its care. We raised every chick from this February hatch.*

FRANK A. POTTS.

"Have Eight of Your Brooders"

Moodus, Conn., June 5, 1912.

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

Am always ready and willing to speak a good word for the Cyphers Company products and for the "Cyphers Service." *We attribute considerable of our success, especially in the earlier days, to the fact that we "started right" with the Cyphers way of doing things.* Last year I had the "fireless craze" and tried one early lot of chicks on the fireless plan. On the third day, after losing one-third of them, I put the chicks in one of your Style B Outdoor Brooders and had no further trouble. No more fireless for me for early hatches when I can get your brooders to do the job. *I have eight of your Brooders in operation.*

C. A. RUSSELL.

"Don't See How Could Be Improved"

Argos, Ind., July 1, 1912.

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

The Cyphers Style B Outdoor Brooder, equipped with Adaptable Hover, has proved entirely satisfactory, and is the best brooding device of which I know. *I don't see how your Adaptable Hover could be improved.* Out of 85 chicks placed in the brooder we raised 80 of them, and the loss of the five was through no fault of the brooder. We also reared our chicks on your Cyphers Chick Food, with good results. Have found it to be sweet and sound, and free from dirt or waste materials. The chicks eat it up clean. All our dealings with your Company have been entirely satisfactory.

ED. M. MARTIN.

"20 Degrees Below Zero—Did Not Lose a Chick"

Brown Station, N. Y., June 15, 1912.

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

Am using one of your Style A Outdoor Brooders, and also a Style B Outdoor Brooder, additional to the Adaptable Hover which I have installed in a home-made brooder. *I have operated these brooders in February, when weather went 20 degrees below zero, and I did not lose a single chick.* An enclosing herewith photograph showing two cockerels hatched February 16th, that tipped the scales at 5½ pounds

P. A. DEMGAR.

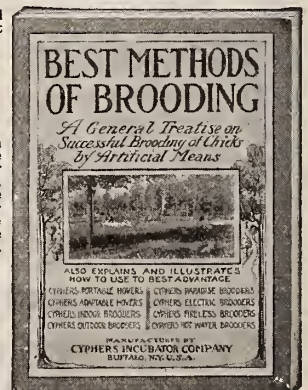


Cyphers Style B Outdoor Brooder

World's Most Popular "Foster Mother" (Patent Heating System)

Cyphers Style B Outdoor Brooder, Colony-Type, Three-Compartment, Self-Regulating and Self-Ventilating. Part of Front is Cut Away in Picture to Show Partition Between Hover Chamber and Exercising Apartment.

June 20th, I consider that pretty good. These birds were hatched in my 244-egg capacity Stan'ard Cyphers Incubators and like the rest of my chicks, they came out strong and healthy. They were fed on Cyphers Chick and Developing Foods, which accounts for the rapid and satisfactory growth, and development of the birds. I want nothing but Cyphers Incubators, Brooders and Poultry Foods for me.



Cyphers Company's Latest New Free Book, Most Complete Treatise to Date on This Vital Important Subject. Goes into Every Detail From Time Chicks are Taken From Incubator Till They are Placed on Range. Book of 62 Pages, 7x10 Inches in Size, Well Illustrated, Mailed FREE on Request to Any Address.

Give Best Results!

DON'T DUPLICATE WORK! That's a Success Secret in *any* business. Don't *do over again* what someone else has already done *for you*. In brief, don't invest *your* time and money in *needless* experiments in poultry raising, when the Cyphers Company already has blazed the trail—proved the way to *surest* and *greatest* success.

For this *very purpose* our Company owns and operates a \$75,000 Experiment and Demonstration Poultry Farm. Results are *recorded*; most modern, most successful methods are *proved* and passed along to Cyphers owners, through Cyphers Company's Free Bulletin and As-Often-As-You-Need-It Personal-Letter Service.

Cyphers Company's Methods are *established* and *successful*; they enable you to cut out *all need* for wasteful experimenting; they enable you to *avoid losses*; to go straight ahead *surely, safely*, with the *best results*. Our own *proved* success, *combined* with that of many thousands of customers, IS YOURS when you adopt Cyphers Company's Methods and use

Cyphers World's Standard Poultry Equipment

Write today for the *three* Great Free Books published by the Cyphers Company for distribution to every man and woman who is interested in poultry raising and egg production. Have you received your set? If not, write us today—*right now*, and we will send *all three*, postpaid, without obligation.

Poultry Foods and Feeding

52 pages—fully illustrated. A gold mine of practical, helpful information covering *all details* of feeding for special results.

Best Methods of Brooding

Cyphers Company's latest free book—of *direct value* and *timely help* to every poultry grower. All Brooding Facts from start to finish. Successful care of chicks *made easy*. 52 pages, fully illustrated.



Cyphers Company's Chick Food

This 100-Lb. Bag will feed 100 Newly-Hatched Chicks Four Weeks, or 50 Chicks Six to Seven Weeks. Price \$2.50 f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price f. o. b. Oakland, \$3.00.

"Profitable Poultry and Egg Production"

Cyphers Company's big 1913 Year Book—244 pages—packed with richly valuable information on *every branch* of poultry raising. 8 special chapters of proved Money-making Methods—*vital, down-to-date* poultry facts and suggestions.

Write us today for *any one* or *all three* of these great free poultry books.

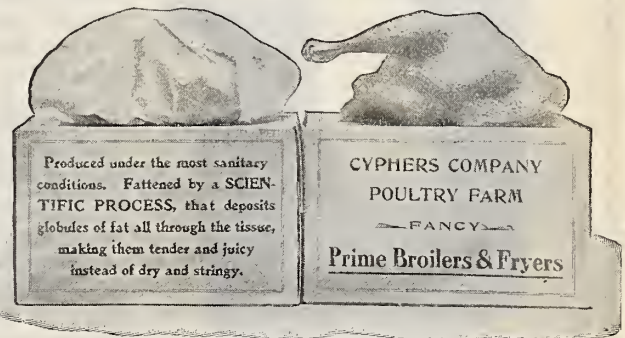
Sample Reports From Customers

"Free From Waste Materials"

Edwardsville Ill., August 16, 1912.
Cyphers Incubator Co., Buffalo, N. Y.—
Your Balanced-Ration Granulated Chick Food has been used by us with entire satisfaction. In every purchase it has been *clean, sweet, and free from waste materials* that the birds will not eat. I have found that everything bearing your trade-mark will serve the purpose for which it was intended. Every hatch brought off from your incubators has averaged 90 per cent., or better, and we have hatched more than 2,000 chicks which were *successfully reared* with your Cyphers Brooders and your Cyphers Foods. Yours truly, MENY-EGGS FARMS, John Henry Lynch, Proprietor.

"Have Given the Best Results"

Mt. Clemens, Mich., September 30, 1912.
Cyphers Incubator Co., Buffalo, N. Y.—
I have tried all kinds of poultry foods, but the Cyphers Sealed-Bag Brand Balanced-Ration dry grain mixtures *have given me the best results*. I have tried your Chick Food, Developing Food, Scratching Food, Meat Scrap, Oyster Shells, Grit, Charcoal, and also supplies such as Water Fountains, Food Hoppers, etc. Each year I raise from 600 to 1,000 fowls. At our recent poultry show I won first, second, third pullet, second cockerel and second pen on White Wyandottes. *All of these were hatched in Cyphers Incubators and raised on Cyphers Foods.* BUEL HART.



Command Top Market Prices

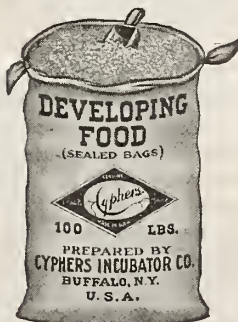
Picture Made From Photograph of Prime-Quality Table Poultry Produced Season of 1912 on Cyphers Company's \$75,000 Experimental and Demonstration Poultry Farm, Buffalo, N. Y.—Also Cardboard Boxes in Which Broilers and Fryers are Marketed. Every Detail of our Methods Will be Found Described in FREE Booklet, "Poultry Foods and Feeding."

"Consider Cyphers Foods Almost Ideal"

Atlanta, Ga., August 25, 1912.
Cyphers Incubator Co., Buffalo, N. Y.—
We are well pleased with your Cyphers Balanced-Ration Foods. We find that to produce a pullet which will lay 150 to 200 eggs per year, it is necessary to *start the chick just right*, to see that there is *continuous healthy development every day*, and that when the pullet has reached maturity she receives such a *balanced ration* as will result in the greatest possible egg production. After our experience we consider Cyphers Poultry Foods almost ideal. Yours truly, WYANOKE FARMS, W. E. Taliaferro, Prop. Bred-to-Lay S. C. White Leghorns.

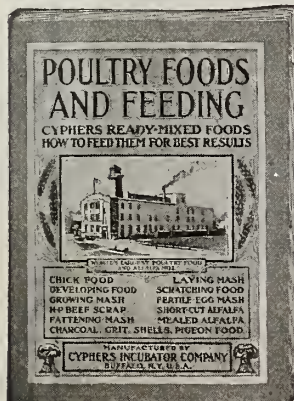
"Raise Them To 3 Pounds, Without Losing a Chick"

Romulus, N. Y., September 5, 1912.
Cyphers Incubator Co., Buffalo, N. Y.—
This season I have experimented with different foods and feeding systems in caring for my young chicks. I find that those fed exclusively on Cyphers Chick and Developing Foods *made much more rapid growth, had more even feathering* and I was able to raise them up to three pounds in weight—often without losing a chick. I have always found your Sealed-Bag Brand Balanced Ration Poultry Foods to be *free from dirt and waste materials*, and the chicks eat them with a relish, cleaning up the grains to the last particle. CHAS. E. REED.



Cyphers Company's Developing Food

This is a Medium-Granulated, Five-Grain Balanced Ration that We Advise our Customers to Feed to Growing Chicks Between the Ages of Six to Twelve Weeks, Before They are Given Whole Grain.



This Book Would be Cheap at \$5.00 Per Copy, Judged by Actual, Detailed Value of Contents. Tells How To Produce Broilers, Fryers, Roasting Chickens and Capons; Also Exactly How to Feed the Layers and Breeders. 52 Pages, 7x10 Inches. One FREE COPY on Request to Any Address.

CYPHERS INCUBATOR COMPANY

FACTORY AND HOME OFFICES, Department 31, BUFFALO, NEW YORK

BRANCH STORES: New York City, 23 Barclay St.; Boston, Mass., 12-14 Canal St.; Chicago, Ill., 329-331 Plymouth Ct.; Kansas City, Mo., 317-319 Southwest Blvd.; Oakland, Cal., 2127 Broadway; London, Eng., 121 Finsbury Pavement.

Your Last Chance TO GET POTTER'S FAMOUS BOOK

"Don't Kill the Laying Hen"

Free! Free! Free!



NEVER AGAIN will you have an opportunity to secure such a valuable book **absolutely free**. This work will enable you not only to tell the laying hens from the drones, but it also enables you to build up a laying strain that will surpass your wildest expectations.

The **Potter System** is not the work of an erratic mind, it was not put in book form with the idea to "get rich quick," in fact buyers of the book were requested by Mr. Potter to make an affidavit to the effect that they would not reveal the secrets to anyone outside the immediate members of their family and a great many objected and were told that they would have to go without the book. The publishers of **American Poultry Journal**, realizing the importance of this work, finally succeeded in inducing Mr. Potter to give them the publishing right with the understanding that the book would only be given to subscribers to **American Poultry Journal** and they in turn allowed us to make our readers a proposition to give this book and a year's subscription to both papers, all for the price of a year's subscription.

The **Potter System** book was formerly sold at one dollar per copy, but now it cannot be bought at any price except by subscribers to **American Poultry Journal**. It tells you how the eggs grow; how nature controls the laying organs; how to determine the first stage of egg development, and how far off the laying period is; how to know the prolific layers; when and how to cull; how to tell when a hen has laid out her batch of eggs; the best way to

break up the broody state; how eggs can be produced in Winter; the effect of feed, vermin and disease on laying. In short, it tells the secrets of egg production from a physiological standpoint. It is all told in such simple language that a little practice will give you full understanding of these mysteries. You know the money you can make from such knowledge! The fact that many thousand copies have been sold and the fifteenth edition is now at press, gives you assurance of its worth.

American Poultry Journal is the one great poultry paper of America. It contains an average of 150 pages in each issue, it is the only poultry paper illustrating various varieties of standard bred poultry on its front cover each month and it is the only poultry paper containing handsome colored inserts which alone are worth the subscription price.

American Poultry Journal is the oldest poultry paper in America, being established in 1874. It is the largest as it contains as high as 252 pages in a single issue. It is the best because the best staff of practical poultrymen write exclusively for **American Poultry Journal**. Price, 10 cents per copy; one dollar a year. Ask your newsdealer to show you a copy today.

OUR GREAT OFFER:—The Potter Secret Free

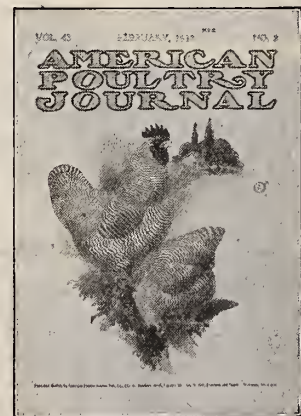
American Poultry Journal, one year

The Potter Secret—"Don't Kill the Laying Hen"

American Poultry World, one year

Canadian Subscribers add 50c, Foreign \$1.00 postage

**ALL FOR
\$1.50**



SEND ALL ORDERS TO

American Poultry World -:- Buffalo, N. Y.

EGGS FOR HATCHING

From Our Selected Matings - - - - \$10 per 15
 From Our Sale Stock - - - - \$10 per 100, \$6 per 50



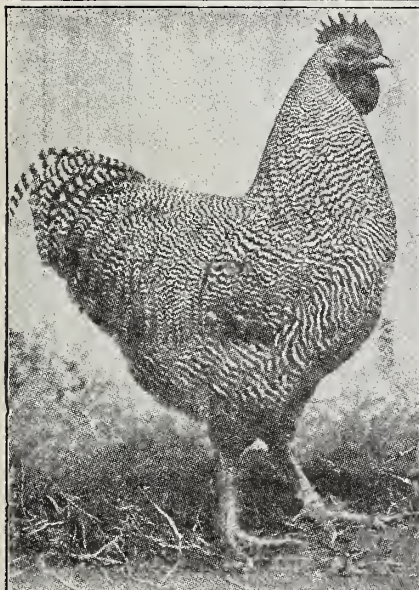
Never were we in better position to give you the best of value in **Eggs For Hatching** or **Baby Chicks** than we are this season. You can have better success than our last seasons customers as our matings are better by far than they were last season.

U. R. FISHEL'S WHITE PLYMOUTH ROCKS "THE BEST IN THE WORLD"

Bred in line for over twenty years and winners of the **Leading Prizes at 22 Largest Shows** and **5 International Expositions**. Never were we in better position to take care of your order for **Selected Breeders** or **Utility Flocks** (Egg Machines) than we are at this time. Send 25 cents for **64 page catalog**. It tells all about our noted White Plymouth Rocks without a doubt the most **Beautiful** and **Profitable** fowl bred to-day.

U. R. FISHEL, Box B, HOPE, IND.

Baby Chicks From Yard Eggs \$1.50 Each.
 From Sale Stock Eggs, \$25 per 100; \$15 per 50; \$8 per 25.



COLOR SPECIAL COCKEREL BOSTON 1911

150,000 Day-old Chicks

are all we can supply this season

Last season we returned hundreds of dollars because we could not hatch enough chicks to supply the demand. During the spring months our capacity was booked from six to eight weeks in advance. Only those who had their orders booked ahead could get chicks, so heavy was the demand of buyers for this early-maturing, heavy-laying strain. We have greatly increased our hatching facilities this season, but, even then, there is only one sure way to get stock when you want it and as much as you want. **Book your order now—FREE.** Make sure of getting your shipment. Send no money now. Do not pay a cent until just before the date of your shipment. There is nothing in the poultry world equaling Pittsfield Strain. Think of these records made by our customers:

Pullet lays first egg at 96 days.
Ten hens lay 2497 eggs in one year.
 These records are unapproached except by Pittsfield birds.

We make shipments any where and guarantee safe arrival. Remember, we can hatch only 150,000 chicks this year, so get in your order at once.

8-weeks-old Chicks

A new and highly successful plan to get high-quality stock, introduced by us last season. Has all the advantages of day-old chicks, and in addition saves brooding losses and losses from accidents, bad weather, rats, hawks, as well as mistakes in handling, as desired.

"Money-Making Poultry"

Get this great, free, helpful poultry hook—New edition, new illustrations, new facts, along with the old truths. Explains our feeding system and tells you how to adapt our simple methods to your own profits. If you want the latest word in poultry handling, you should certainly have this book—not like most poultry books.

\$25 in Prizes to be Given Away

Our great "First Eggs" contest, to see how early Pittsfield Pulets will lay for our customers, is under way. Send for details. Write us about your needs—Day old Chicks, Hatching Eggs, 8-weeks-old Chicks, Utility and Exhibition stock. Quality always high. Prices reasonable.

PITTSFIELD POULTRY FARM CO.
 276 Main St., Pittsfield, Maine

Eggs for Hatching
 We invariably fill orders with hatching eggs laid the same day that shipment is made. We ship any distance—frequently to the Pacific Coast. Safe delivery guaranteed. See that you have your order booked now. We use the utmost care in packing, insuring fresh, hatchable conditions as well as safety. Eggs from our special pens of Prize Winners can be had. Our Pittsfield Birds won more prizes at Boston this year than any other Barred Rocks.





FIRST PRIZE PEN WHITE PLYMOUTH ROCKS AT NATIONAL WHITE ROCK CLUB SHOW SPRINGFIELD ILL. 1913.
BRED AND OWNED BY H. W. HALBACH
WATERFORD WISCONSIN.

By visiting the leading poultry shows and handling the choicest specimens one may study the fine points of the different varieties. Having done this, it will be remembered that certain specimens seemed to stand out above all others of their variety. This is exactly how the White Plymouth Rocks produced by H. W. Halbach at Riverdale Farm, Waterford, Wis., have often appeared to me. I recall many of his winners at different shows and found among them some of the best models I ever handled. Mr. Halbach exhibited a strong entry at the National White Rock Club meeting at Springfield, Ill., and made a wonderful record, by capturing "the cream" of the prizes in all classes. The pen shown above were winners of first honors and are a worthy group, possessing excellent type and color, combining a fine smooth finish with well modeled breasts, backs and shoulders. We expect to see many more good ones produced at Riverdale Farms, Waterford, Wis.—A. O. Schilling.

AMERICAN POULTRY WORLD

Vol. IV

APRIL, 1913

No. 6

COPYRIGHT, 1910, BY AMERICAN POULTRY PUBLISHING CO., BUFFALO, N.Y. ALL RIGHTS RESERVED

BARRED PLYMOUTH ROCK STANDARD REVISION

CHANGES IN THE STANDARD COLOR DESCRIPTION OF BARRED PLYMOUTH ROCKS MUST BE MADE IN ORDER TO RESTORE THIS VARIETY TO ITS FORMER POPULARITY. EXTREME DOUBLE MATINGS RESPONSIBLE FOR DARK COLORED AND MANY BARRED MALES AND FEMALES. SURFACE COLOR SACRIFICED TO OBTAIN STRONG UNDER BARRING OF FEATHERS. NEW STANDARD COLOR DESCRIPTION WILL DEMAND BRIGHTER COLOR AND MORE DISTINCT AND EVEN BARS ON SURFACE AND LIGHTER UNDER-COLOR. SINGLE MATINGS OF BARRED PLYMOUTH ROCKS POSSIBLE UNDER NEW STANDARD COLOR REQUIREMENTS

BY J. H. DREVENSTEDT



THE revision of the American Standard of Perfection will begin this summer when the Standard Revision Committee of 1915 convene. Data is now being collected by the members of the committee that will aid them in revising the text and bringing it down to date. Suggestions for changes with clear reasons for making them will be welcomed and will receive the earnest consideration of

the Revision Committee. The time for making suggestions is NOW. To delay them will handicap the work of the committee and make its report to the American Poultry Association less satisfactory. No matter how conscientious the members of the committee are in carrying out the wishes of intelligent breeders in formulating a new Standard, there will be eleventh hour kicks registered by the fellows who were "asleep at the switch," when the work of revision was going on.

There are farseeing and intelligent poultrymen, however, who believe in starting this work of revising the 1915 Standard at once, in fact one veteran breeder of Barred Plymouth Rocks has been quietly at work for the past year, preparing a new color description for Barred Plymouth Rock males and females, which he believes will prove beneficial to this good old American breed in restoring it to its former popularity. C. H. Latham is the man behind the gun and his first shot is aimed straight at the bull's eye to judge by the following remarks in a letter received from him February 15th:

"I am writing you today in the interest of Barred Plymouth Rocks. We should most thoroughly thresh it out as to how the Standard shall read in the next Standard to be revised in 1915. I have this most important matter very much at heart. And with no wish to tear down what good work has been done, I do want to see better things done. Breed-

ing poultry is more or less a war against Nature, but if we could work a little more in harmony with her, instead of going directly against all laws of Nature, we could make some grand progress in breeding this, that is the grandest and best breed of domestic poultry. Demanding that the two sexes shall be alike in color is directly contrary to Nature, as is the demanding that the feather shall have bars the whole length of the feather. And this obliging us to have what is practically two distinct varieties of Barred Rocks and showing them in the shows as one, is

a farce, a fraud and a curse to the business. It has turned more fanciers to breeding other breeds of poultry than anything else we do. This ignoring the beauty of the surface color and barring so we can hunt for the useless bars down next to the skin, is *bughouse* pure and simple. They don't add anything to the beauty of the bird, in fact detract, for invariably when we get the bars a little better down next to the skin we are sure to lose in nice work in the surface barring. Then we are trying to get the feathers to end in a dark tip; if we are willing to sacrifice on the under bars we could get a great deal better work in the surface barring and also get the dark tips to a much greater perfection.

"From careful observation in breeding them for a good many years, and especially during the past 8 to 10 years, I can see that we could breed beautiful birds by a single mating, provided we had a proper description of the colors of the two birds, and still have the two birds identical in color.

"I am inclosing a description of the color as I see it. I would like to get the co-operation of the Revision Committee and if I can I am ready to give my best efforts to help push it along. We should have it right, without fear or favor to anyone."

In another letter dated February 19th, Mr. Latham supplements the above remarks as follows:

"Since writing to you I have had a couple of letters from a western breeder who is much interested in the future of the



Figure 1.—Barred Plymouth Rock feathers from pullet bred male bred by C. H. Latham.

Rocks, and that wants to do anything he can for the uplifting of them. He had practically promised to support a plan for a Standard that would call for Dark Barred Plymouth Rocks and Light Barred Plymouth Rocks, calling them two varieties. This to me seems a most absurd and foolish thing to do. First there are not two varieties

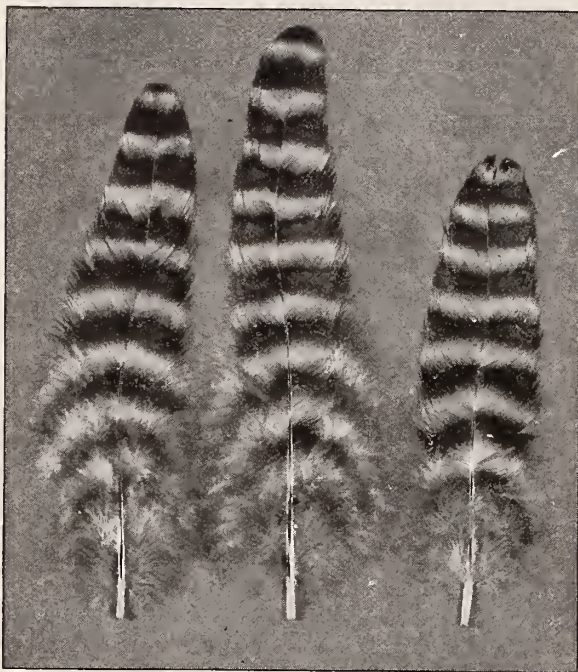


Figure II.—Barred Plymouth Rock feathers from cockerel bred pullet bred by C. H. Boschen.

of a breed, simply one breed foolishly being bred two ways. If this was pushed through it would put us in the hole worse than ever, and would also burden the poultry shows with just so many more classes, when it has now all it can stagger under, and it would be shutting the small breeder out of breeding them, as it is now doing."

TWO VARIETIES OF BARRED PLYMOUTH ROCKS - ADVOCATED

That two varieties of Barred Plymouth Rocks are seriously considered by breeders in the West is evident by the following extracts from an article written by Matt H. Baldwin of Iowa, for the February issue of the National Barred Plymouth Rock Journal:

"Man has overcome many apparently insurmountable obstacles in his warfare with nature, particularly as to underbarring, for in all nature we find undercolor, some neutral and solid shade, generally either white or slate in color tone, but when man ordained that barring in Barred Rocks should extend the full length of feather he persisted until such was an accomplished fact. It is very probable, however, that had we accepted nature's mandate, the Barred Rock today would have been a still more beautiful fowl than it is. However, I have never met a fancier willing to drop underbarring after it was safely established in his flock.

"But in the struggle of about forty years trying to establish equal barring in both sexes from one mating we have acknowledged nature's victory and ceased trying for it, and having acknowledge defeat, why not put both lines of breeding into the Standard as two varieties. This is a matter all Barred Rock breeders should advocate and should insist on."

But there are other breeders in the West who agree with Mr. Latham in demanding a change in the Standard color description for Barred Plymouth Rocks, so as to make the breeding of the latter by single mating possible. William E. Thompson of Illinois, expresses his views clearly and forcibly on this subject in the National Barred Plymouth Rock Journal as follows:

"Now why do we have the desire of the Standard makers requiring that the male and female be practically the same color? A well barred, light colored male, produced from a good pullet mating, is certainly as beautiful as any dark colored cockerel that ever won the blue. That is my opinion and I have had prospective customers that have inspected my birds, insist on having a fine light colored cockerel that I had decided to save for my own mating. And their sole reason was that he looked so pretty.

"Now I am not referring to washed out, light colored cockerels, but to well barred, light colored ones. These have been produced barred to the skin and can be produced. Why not assist nature instead of bucking against her? Surely a nicely barred cockerel, even though he is two or three shades lighter than the standard female would delight the eye just as much as those dark, smudgy cockerels which many of our judges are selecting as prize winners. Not only are quite a few of our judges going as far as required by the Standard for males, but are going beyond it for both males and females, and awarding the honors to birds of both sexes several shades darker than required. This is not written because I have been disappointed for I have won my share of ribbons, but to do so, I had to, in some cases, conform to the idea of the judge in regard to color.

"But now let us see the advantage of a change. The first important change, would be to do away with the double mating to a large extent, if not wholly. This, in itself, ought to be reason enough for in no other way would this variety receive such a boom, well deserved it is true.

"By eliminating double mating, you would eliminate a great deal of weakness that crops out of the stock from certain strains, due, doubtless to improper line breeding in the endeavor to get dark cockerels. By eliminating these weaknesses, disease would be lessened, and new fanciers desire strong, healthy stock, or get discouraged if they fail to get that kind.

"Again market poultrymen could build up their flock and be able to sell good stock from their flocks at considerable profit, the same as is being done with White Leghorns and other varieties. If this is visionary, please tell me why so many egg farms use White Leghorns instead of Brown Leghorns. They certainly do not lay more eggs or eat less feed, or hatch stronger chicks.

"Then the fancier who wants to keep only one or two pens, will feel that he can keep Barred Rocks, as well as

(Continued on page 577)



The first prize Partridge Plymouth Rock cockerel illustrated above is, in our opinion, the most finished specimen in color and type of the variety we have ever handled and judged. The hackle and saddle feathers blended perfectly in color, the latter being a rich clear red with greenish black striping, sharply defined in the feathers. In headpoints he was also excellent, these parts harmonizing with the well balanced neck, back, tail, breast and body sections.—J. H. Drevenstedt.

SUCCESSFUL METHODS OF RAISING CHICKENS

A WELL-KNOWN BREEDER OF SINGLE COMB WHITE LEGHORNS TELLS HOW TO FEED AND CARE FOR CHICKENS AFTER HATCHING TO OBTAIN VIGOROUS MATURITY IN THE MAXIMUM NUMBER. BEGINNING OF THE CHICK'S LIFE IS IN THE BREEDING PEN. PROPER MANAGEMENT OF INCUBATORS AND BROODERS IMPORTANT TO PRODUCE THE BEST RESULTS. COCKERELS AND PULETS MUST BE SEPERATED TO INSURE RAPID GROWTH AND DEVELOPMENT. POULTRY RAISING FOUND PROFITABLE WHEN CARRIED ON BY THE JUDICIOUS INVESTMENT OF MONEY

BY LEROY E SANDS, HAWLEY, PA.



HAVE been asked to relate for the benefit of the readers of A. P. W. the methods of caring for and feeding young chicks that have brought me success.

To raise chicks successfully, and by this I mean, to bring to vigorous maturity the maximum number of chicks, or in other words every healthy and vigorous chick taken from the incubator, eliminating those that have met death from accidental causes. There are many obstacles that have to be overcome before success is arrived at and even the most experienced poultryman often meets with heavy losses from apparently no cause. There is a cause, however, for unusual losses and it is often very hard to locate.

CHICK LIFE BEGINS IN THE BREEDING PEN

The beginning of a chick's life is the breeding pen and if all conditions are not correct here, we can not hope for success. The breeding birds should be selected with the greatest care and each individual should be the best specimen of the breed obtainable and should possess health and vigor to the highest point obtainable. They should be housed in comfortable quarters, be supplied with wholesome food, plenty of pure fresh water and an abundance of pure air. Such conditions are most favorable to good fertile eggs—eggs that are capable of producing, with proper incubation, a chick that with ordinary good care will reach maturity rapidly and make a profit for its owner.

I breed Single Comb White Leghorns and hatch my chicks in April and early in May. I have found where the objective point is in the production of winter eggs, that these chicks usually give best results, but I have also had June chicks do fine winter work after January 1st. June chicks should have new seeding to run over, or fresh grass ranges and be kept where they have plenty of shade, and do not allow older chicks with them at all during their growing time. March hatched chicks are very apt to commence laying early in the season and to molt in the late fall. Then you can usually wait until the latter part of February before they again get down to business. One thing in favor of March hatched chicks is their fine breeding qualities after this molt.

MANAGEMENT OF CHICKS AFTER HATCHING

Incubators should be thoroughly disinfected before using. If hatching is done with the hen, give her a clean, quiet place. With my incubators I run the temperature at 102 degrees the first five days and 103 degrees up to pipping time, then keep at 104 degrees until the hatch is completed; after all are hatched out lower the temperature to 100 degrees and leave the chicks in until they show signs of strength and hunger, which is usually on the 22nd day if the hatch has been run properly. At this time brooders should be ready and heated to 95 degrees or a little higher; put chicks in, and hover break them, which is a simple matter. Put grit and fresh lukewarm water before them and leave them without food until the next morning, then feed hard boiled eggs chopped fine, shell and all, with three parts bread crumbs or with ground grain, two parts bran, one part corn meal and one part

wheat middlings with a little alfalfa meal added. Alternate feeding with some good chick grain; one part cracked corn and one part cracked wheat makes a very good ration, or any good commercial mixture will answer; after four or five days add 5 per cent. good beef scrap to the mash and discontinue the eggs. Feed the mash once a day either wet or dry with two or three feeds of grain and always plenty of green food. Keep charcoal, grit and fresh water before them at all times. Feed sparingly, be sure birds have enough but don't let them stuff, little chicks don't know when to stop eating, so if some one don't stop them from eating too much, trouble is sure to come, and once a chick becomes affected with indigestion, or bowel trouble, it seems almost impossible to ever make a good bird of it, no matter what pains one may take; an ounce of prevention here counts more than I can tell. Feed as above until four or five weeks old and then if you wish you can gradually put them on same rations as fed to the older birds.

Gradually reduce temperature under hover as the chicks grow older, until at three weeks the hover temperature registers about 78 degrees; keep temperature of brooder house, if using one, considerable below this, under 70 at all times. I use a 20 hover brooder house until the chicks are three or four weeks of age, then I change the chicks to colony houses

(Continued on page 581)



FIRST PRIZE BUFF WYANDOTTE COCK
MADISON SQUARE GARDEN 1912-13. ALSO HEAD OF
FIRST PEN YONKERS AND CAMDEN SHOWS
BRED AND OWNED BY
STUART A. HOWLAND GRANVILLE N.Y.

The above illustration was made from a photograph of a Buff Wyandotte cock by Artist Schilling, portraying the outlines just as they exist in the original. Standard Wyandotte shape is strikingly exemplified in this excellent profile study, the so-called "French coach horse" neck of the breed, graceful curve of the back, well spread tail, full and deep breast, compact body and close feathered thighs being characteristic features. The head is a fine one with a comb that is well balanced in front. This splendid male is a model of Wyandotte shape.—J. H. Dravenstedt.

DIFFERENT RATIONS FOR DIFFERENT BREEDS

ARE THEY REQUIRED? A WELL-KNOWN BREEDER OF MINORCAS TELLS WHY THE MINORCA REQUIRES A DIFFERENT RATION THAN THE PLYMOUTH ROCK. MINORCAS ATTAIN LARGE SIZE AND MATURE QUICKLY REQUIRING RATION PECULIARLY THEIR OWN. NON-SETTING VARIETIES DEMAND A RATION CONTAINING MORE FAT FORMING FOOD THAN THE SETTING BREEDS. PRODUCTION OF LARGE EGGS REQUIRES SPECIAL FOODS TO OBTAIN BEST RESULTS

BY FRED C. GABRIEL, SOUTH BEND, INDIANA

[EDITOR'S NOTE:—Mr. Gabriel has furnished us with much food for thought and his statements in regard to feeding the different varieties are borne out by Mr. Quisenberry in his final report of the first year's egg laying contest at Mountain Grove, Mo., he states, "The Mediterranean Class can stand more protein and fat forming food than the birds of the American, Asiatic or English Classes. There is not so much danger of the Mediterraneans becoming too fat and they require a richer food than the other classes mentioned."]



POSSIBLY it may seem to some that all hens eat corn and wheat and there is no real reason why one breed should be fed differently from another. But if you have been in the poultry business with eyes and ears open; really keen for advancement, you have observed. Suppose, for instance, your flock was mixed, some Barred Plymouth Rocks and some White Leghorns; should the Rocks do best you may be assured your ration is not suited to the Leghorn and vice versa. Don't condemn the breed and say the other is best, but use your head and solve the problem.

This was one of my very early lessons. I came near deciding once for all that the Leghorn was no equal of the Plymouth Rock. But that day is long past now. I learned, however, that the non-setting varieties would thrive best with a trifle more fat producing food than the setting varieties. I also learned that the tendency to broodiness could be somewhat controlled by the ration and making the Plymouth Rock work hard for her feed; dig in deep litter. That bulky food, bran and alfalfa meal were better for the setting varieties than for the non-setting varieties. These general observations proved the starting point in study of feeds and feeding and leads us up to the question of feeding Minorcas.

HOW MINORCAS SHOULD BE FED

First of all to consider is what kind of a fowl are we discussing; what is its tendency; wherein does it differ from other fowls? The Minorca is essentially a large fowl. The S. C. Black Minorca is the largest of the family. They possess a large frame; are well up on their legs, but the vital point is found in the extreme long straight back and barrel-like body.

To treat the subject properly we should start with the chicken, at say one month of age. Prior to that there is no difference, in my observation, between chicks of any breed.

We are to keep two things in mind with this young chicken. We must get good size and good color. I have, without exception, always found that good size insures good color. The young birds should be fed a variety of grains. Bread and milk, if it can be procured, is really a

cheap food. Skimmed milk from a creamery and stale bread from the bakery. I find that ground oats and good wheat bran constantly before them brings excellent results. If properly fed, all white feathers will be shed by four months unless it may be, now and then a stray wing feather that will wait a week longer. In the feeding of fowls you must keep in mind what are the particular tendencies of that breed and how can they be handled most advantageously.

MINORCAS ATTAIN SIZE AND MATURE QUICKLY

In the Minorca we have a large bird, we have also a quick maturing bird if properly fed—we can only measure by comparison so let us refer to the Standard of Perfection. We find the Plymouth Rock pullet required to make six pounds weight and the S. C. Black Minorca six and one-half. That being so, it must be the constant care of the fancier to give the growing pullets adequate feed to make the quick growth that by nature she would. Again, the

feeder is confronted with the fact that she is an early layer beginning usually under six months and very often at five months. This brings us up to the question of feeding for eggs.

It must be apparent to the reader that the Minorca needs a feeding ration for the first six months peculiarly its own and it needs but to emphasize this difference in the laying quarters. Let us again go back and examine the Minorca pullet. We find a big framed turkey shaped fowl, extremely long in the back and body. We note that she is a non-setter. We at once recall that the line between setting and non-setting varieties is sharply drawn when type is examined. We learn that the breeders of setting varieties are constantly keeping in mind the over fat tendency of their birds which produces indolence and broodiness.

The non-setting varieties are, however, active, they do not have to be driven to work by feeding methods. Neither do they possess the over fat tendency. This latter fact accounts largely for their lack of broodiness. This fact arrayed side by side makes one say, surely there is as much difference between the setter and non-setter as between the pacer and trotter. yes, they need to be shod and booted differently, to speak, in the jockey's vernacular.

The real trouble in the poultry business in the past

(Continued on page 583)



FIRST PRIZE S. C. BUFF ORPINGTON COCKEREL AT MADISON SQUARE GARDEN N. Y. 1912-13. BRED AND OWNED BY Wm. COOK & SONS SCOTCH PLAINS N. J. ORIGINATORS OF ALL THE ORPINGTONS.

One of the finest young Buff Orpington males exhibited in a long time was the blue ribbon cockerel at the last Madison Square Garden show exhibited by William Cook & Son's. This youngster had the size and bone as well as the cobby build of the true Orpington, while in color he was an even soft buff all over the surface with sound under-color and flight feathers. The color of the shanks and feet was also exceedingly fine.—A. O. Schilling.

ARTIFICIAL INCUBATION

RAPID AND WONDERFUL PROGRESS MADE IN THE ART OF ARTIFICIAL HATCHING OF EGGS IN THE PAST DECADE. CRUDE BUT SUCCESSFUL METHODS OF THE CHINESE SUPERSEDED BY MODERN MECHANICAL HATCHERS. CONDITIONS OF ENVIRONMENT SHOULD APPROACH NATURE CLOSELY TO OBTAIN BEST RESULTS FROM FLOCKS THAT PRODUCE THE EGGS FOR HATCHING. IMPROVED TYPES OF POULTRY HOUSES AND MODERN METHODS OF FEEDING IMPORTANT FACTORS IN SUCCESSFUL POULTRY CULTURE

BY W. A. WOLFORD



In the last decade rapid strides have been made in the art of artificial incubation. Hundreds of poultrymen can look back to the time when they were endeavoring to supplant nature in the hatching operation with a crude and cumbersome contrivance called an incubator, a contrivance that was as uncertain in results as the fortunes that tomorrow will bring forth.

Yet there is no place where the old maxim "There is nothing new under the sun", will serve to better purpose than here, as artificial incubation has been practiced for ages by the Egyptians and the Chinese. In point of priority, I believe that the honor of the discovery belongs to the Egyptians, as history along this line tells us that it has been practiced as a commercial pursuit in this ancient country for centuries.

The Chinese have also utilized the art in a commercial way for ages, and although their hatching ovens are very crude affairs, as compared with the modern incubator, they have become adepts in the art and the results secured would make many of the present day experts blush with shame, although the latter are provided with hatchers in which all the improvements, the results of years of study and experiment, are embodied, as compared with the earthen oven, wicker basket, charcoal fire and personal judgment of the former.

ESSENTIALS OF ARTIFICIAL INCUBATION

The essentials of successful artificial incubation outside of fertile eggs are heat, moisture and air. The first at the correct degree properly applied, the second in a quantity depending upon the degree of humidity in which the incubator is being operated, and the third as pure as it is possible to secure its circulation through the egg chamber.

The modern incubator, thanks to the skill and ingenuity of the experts employed by the manufacturers, has these features incorporated to such a nicety that the results secured under ordinary conditions are most satisfactory and the novice, providing he is equipped with one of the standard makes, may achieve results that will make the mother hen envious.

There is no gainsaying the fact, that in the greater majority of cases the results secured from the modern incubator are generally most satisfactory. Of course, there are bound to be exceptions and always will be no matter to what degree of perfection manufacturers reach in the development of a hatching machine. There will always be those individuals who can not bring off a successful hatch under the most favorable circumstances and then, there is always the quality of the eggs to be reckoned with. No machine manufactured, regardless of price, will hatch successfully, poorly fertilized eggs, or those produced by flocks whose environment is not conducive to high vitality. The hen whom nature has endowed with the motherly instinct becomes a failure under like conditions. Therefore, incubation, artificial or natural, resolves itself mainly to one condition to be successful and that is the hatching quality of the eggs to be incubated. This is the one point then that requires foremost consideration, and I dare say that incubators are more often branded as worthless, through the medium of poor eggs, than from any other cause.

NATURE'S LAWS MUST BE CLOSELY FOLLOWED

It becomes apparent then, that we should turn our attention to creating conditions of environment under which the flocks should be kept that will approach nature as closely as possible. We are all aware of the fact, that the months of April and May, regarded, in this section of

the country, as the natural hatching season, bring forth the best results. The same pens of birds that earlier in the year failed to produce well fertilized eggs, will at this period provide us with eggs that will produce the maximum hatching results. Why? Unnatural conditions under which they have been previously kept have automatically changed to the natural, and unhampered by stuffy, poorly ventilated quarters in which they have been imprisoned with insufficient exercise, they come to their own when allowed out of door freedom, even though in limited yards. Food and methods of feeding which may have been a factor, while in confinement, are also overcome to a certain degree by the change in other conditions.

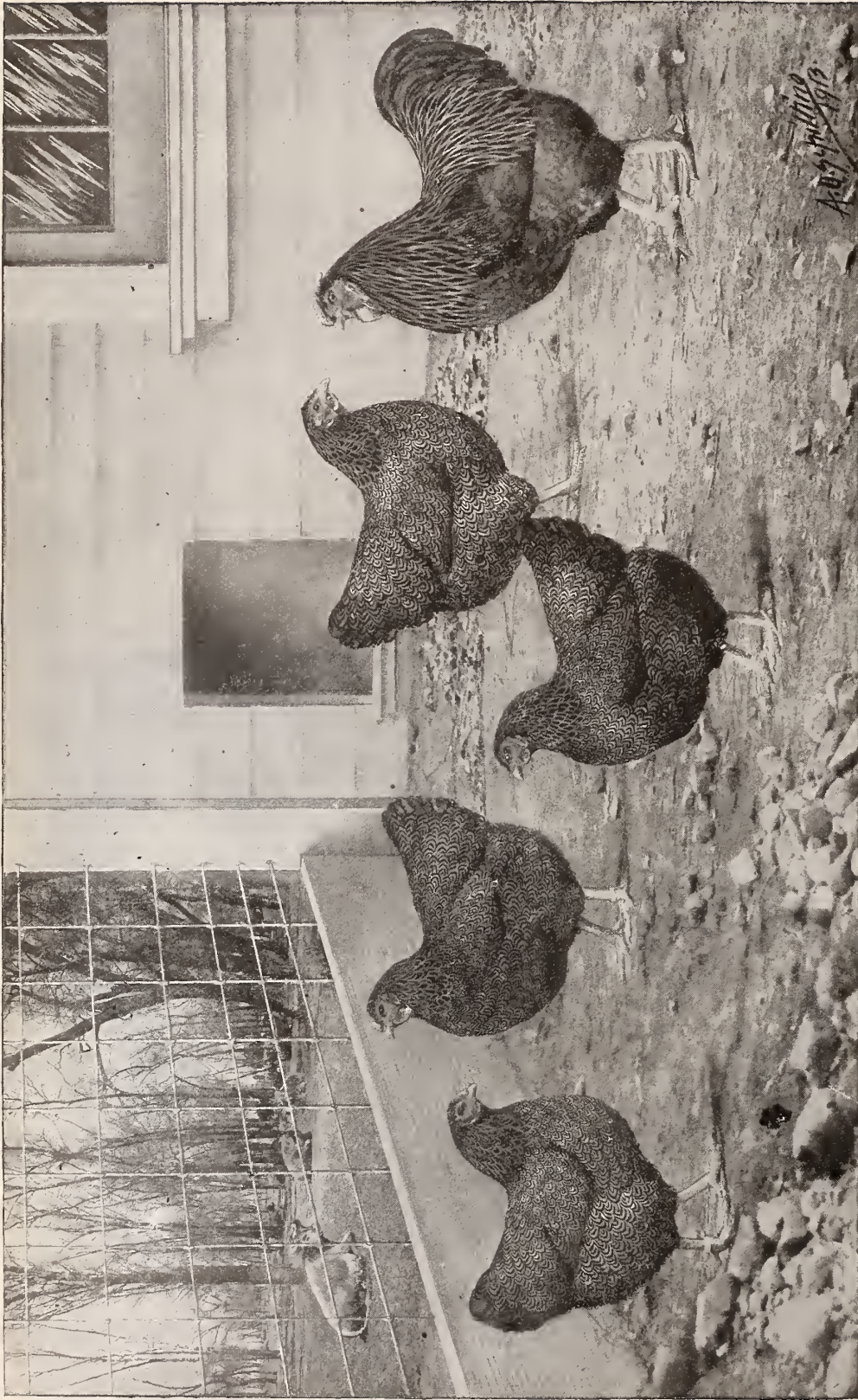
The change in per cent. of fertility then, can be said to be due in a large measure to out of door conditions, that is, fresh air and exercise. Why not then try to secure these in winter quarters? It is surely too late now to remove conditions that are past, but we should profit by our errors and provide for the future, as like tomorrow there is always another hatching season approaching.

(Continued on page 582)



FIRST PRIZE WHITE PLYMOUTH ROCK PULLET
MADISON SQUARE GARDEN N.Y. 1912-'13. ALSO
GRAND CENTRAL PALACE N.Y. DEC. 1912.
BRED AND OWNED BY
L. C. BONFOEY VERNON CONN.

Among the veteran eastern breeders of White Plymouth Rocks, L. C. Bonfoey of Vernon, Conn., rarely if ever fails to win a blue ribbon at the big shows, and at the last Madison Square Garden Show he captured first prize with a beautiful pullet, which A. O. Schilling has succeeded in reproducing from a photograph, as will be seen in the above illustration. Not only in fine head points and superior type does this pullet excel, for she is equally excellent in the color of her plumage and legs.—J. H. Drexenstedt.



FIRST PRIZE PEN PARTRIDGE WYANDOTTES AT
 MADISON SQUARE GARDEN NEW YORK 1912-13.
 BRED AND OWNED BY SHEFFIELD FARMS · GLENDALE · OHIO.



Those who have attended the leading poultry exhibitions and have made a study of the various breeds and varieties of poultry must have been impressed with the beautiful color and markings of the modern Partridge Wyandotte. This breed has been in the hands of some of the most careful and conscientious breeders of Standard-bred poultry with the result that we find specimens on exhibition that are simply marvelous in color markings and type. Sheffield Farm, Glendale, Ohio has the greatest prize winning strain of Partridge Wyandottes in America, as proven by their records at leading poultry exhibitions. I have handled many of their winners and found them to possess penciling and striping closely approaching perfection. The specimens in the above picture were very evenly matched and had an abundance of rich, lustrous, well penciled plumage. Sheffield Farm is one of the most modern and up-to-date of its kind in the country and its herds of Jersey Cattle and Berkshire Hogs are on par with the Partridge Wyandottes as prize winners.—A. O. Schilling.

THE INFLUENCE OF NATURE UPON EGG PRODUCTION

THE WILL POWER OF THE HEN DOES NOT CONTROL EGG PRODUCTION, BUT CERTAIN LAWS OF NATURE DO. POULTRY RAISERS STILL HAVE MUCH TO LEARN ABOUT FEEDING LAYING HENS. THE AMOUNT OF GRAIN A HEN EATS HAS MUCH TO DO WITH THE ACTIVITIES OF HER REPRODUCTIVE ORGANS. EXPERIMENTS MADE IN FEEDING LEGHORN PULLETS INDICATE THAT A MAINTENANCE RATION WEIGHING TWO AND ONE-HALF OUNCES WILL PRODUCE THE BEST RESULTS

BY O. W. MAPES



EO. A. Cosgrove, who is acting as reporter for the egg laying contest at Storrs, Connecticut, made a bad break, it seems to me, when in a recent report he told us that a hen cannot be induced to lay until "she herself gets good and ready," the idea conveyed being that egg production is controlled by the will power of the hen herself.

Go to it! Mr. Cosgrove, you are all right as a reporter, but when you attempt to draw conclusions and start from a wrong premises you are a failure, as any man would be.

What would be the use of conducting contests of this kind if we must be dependent on the whims of the hens? "The whims of a woman" are proverbial. If I thought that I was to be subject to the whims of a thousand females with feathers on their hats, instead of one, I should want to get out of the poultry business at once.

EGG LAYING CONTROLLED BY CERTAIN LAWS OF NATURE

We experimenters have been working in the belief that the production of eggs by hens is controlled by certain laws of nature, and that when we can learn what those laws are, and apply them, we can get eggs from hens at will, as surely as we now get milk from cows, winter and summer.

In trying to defend his position, Mr. Cosgrove says, "The full grown yolk that has been expelled into the oviduct the hen has probably lost control of; it will pass through the rest of the natural processes and be 'laid.' But the yolks that are not full grown are within the control of the hen. She can, and often does, absolutely stop their further development. I have often taken a laying hen and shut her up in a little exhibition coop in another building. Invariably she would lay one egg within the next day or two days, then not another egg; even if kept there for two weeks or more. Occasionally I have had one lay two eggs and then stop entirely, but nine times out of ten she would lay only one egg; even if kept there for is no reason to think otherwise than that she would have kept right on laying if she had been left in the house with her mates. No amount of feeding of any kind could compel that hen to lay another egg until she got ready. The first thing is a wild endeavor to get out; she wants to be back with her mates, but she cannot help laying the egg that is being shelled in her oviduct.

But she most certainly can stop the production of any more eggs."

To a superficial observer it may seem as though he has made out a strong case. I do not doubt his statement of facts in the least. I have noticed the same thing many a time, but differ with him as to an explanation. For instance: One of the natural laws which seems to operate in egg production is that a hen must be "at home" in order to do her best at the nest. He had interfered with the working of this law when he removed the hen from her mates and shut her alone in a strange place. Had he left her in the coop until the home feeling possessed her there, and then conformed to the other laws which influence egg production, including proper feeding, the growth and expulsion of the yolks into the oviduct would have been resumed.

LOTS TO LEARN YET ABOUT FEEDING HENS

Take it from me that we have a whole lot to learn about feeding a hen. I used to think that I knew considerable about the subject, but the more experience I have the more I find yet to learn.

In another report Mr. Cosgrove tells us that at the Missouri contest the best results are being secured from a pen having a number of different kinds of food and drink to select from, buttermilk being included. As I understand it they are allowed to balance their own ration.

More lessons of value are likely to be learned from the Missouri contest than from the one at Storrs. Some ten years ago I tried an experiment along this same line, that will be of interest at this time. I removed a Leghorn hen from her mates and shut her up in a berry crate, just as Mr. Cosgrove tells about. Of course she stopped laying for a time, but I decided to "make her lay or bust", before she got out of that crate.

There were ten spaces between the slats of the crate through which she could put her head and reach food and drink. I placed small pans by each space, and put different kinds of grains and other food and drink in them, including buttermilk or sour skim milk. When I got to the tenth pan I broke a fresh egg into it, and said to her; now, old lady, if there is any thing you lack today in the way of egg making material, just poke your head out here and help yourself. I kept this up every morning for month after month. In about a week she "declared the strike off" so to speak, and laid 136 eggs before she quit.

(Continued on page 545)



A truly wonderful specimen is the model Leghorn cock shown in the above picture. He was the embodiment of grace, style and beautiful plumage, as the study above represents him. This photograph is a faithful representation of this wonderful specimen and shows his grand spread tail, carried not too low nor too high, with a great wealth of flowing sickles, a fine textured, smooth comb and lobe, gracefully curved neck and saddle, and round, well-modeled breast. H. J. Fiske, manager Skyland Farms, Sterlington, N. Y., has produced some very fashionable Leghorns, and has also sold many of the right quality which have won the highest honors for his customers. "Useful and beautiful" is a happy combination in Leghorns as they are bred in America today.—A. O. Schilling.

COLUMBIAN WYANDOTTE COLOR MARKINGS

DIFFICULTIES OF BREEDING COLUMBIAN WYANDOTTES GREATLY EXAGGERATED. FROM FOUR TO FIVE YEARS TIME REQUIRED TO ESTABLISH A STRAIN. DIFFICULTIES OVERCOME BY CAREFUL SELECTION OF SIRE AND DAM AND PROPER BREEDING ENVIRONMENTS. SMUTTY HACKLES IN MALES AND FEMALES A SERIOUS DIFFICULTY. COLOR OF TAIL FEATHERS INFLUENCED BY THE FEMALE TO A LARGE DEGREE. SOLID BLACK WING FEATHERS IN FEMALES RESPONSIBLE FOR PRODUCTION OF DARK AND MOSSY FEATHERS IN THE BACK

BY CHARLES D. CLEVELAND



URING the eight years of breeding of Columbian Wyandottes, I have found that there is a somewhat general feeling that the variety is too hard to breed to show requirements, and as a consequence, many have not taken up this variety—one of the most beautiful of the Wyandottes.

While I do not set myself up as a dictator with respect to the manner in which Columbians should be mated in order to produce the desired results—I feel that an experience of eight years, which has resulted in the production of a great many specimens which have won at the leading shows of the United States and Canada gives me the fair right, at least, to express some of my views publicly.

Look where you will among the varieties of standard-bred poultry, I venture to say that you will find none of them which can be bred to sufficient excellence without considerable care and patience. This goes without saying, for otherwise, we would all be raising annually "1st Prize Winners" at Madison Square, Boston or Chicago. It is, therefore, as true with Columbians as it is with any other variety of poultry—that in order to be a successful breeder you must have a certain combination of qualities among which may be enumerated the following:

FOUR TO FIVE YEARS REQUIRED TO ESTABLISH A STRAIN

Enthusiasm, patience, ambition, ability to work, and an observant eye. Unless a man desires, and heartily desires to succeed, he will surely make a failure—he may be ambitious enough, and yet lack some of the requirements which will be found in the make-up of every really successful fancier. The great difficulty with most American men seems to be that they believe that success may be attained too quickly; suffice it to say that a strain of Columbian Wyandottes can not be established inside of four or five years, and unless those who contemplate the breeding of Columbians (or indeed of any standard variety) plan at the outset to devote at least four or five years to the object sought for, they may as well refrain from beginning.

When I first began breeding Columbian Wyandottes, I found that there was in their offspring at least 85 per cent. of what I called "culls", and only 15 per cent. of birds which I thought were really first-class. At the present I believe that ratio has been exactly reversed, and that we now get but 15 per cent.

of "culls", and at present the "culls" are not as poor birds as those of the earlier years.

While I do not propose in this brief article to go into detail with reference to the mating of this variety, I wish to call the attention of the admirers of the bird to one or two of the most prominent difficulties which the variety exhibits, and to point out how these difficulties may, in my judgment, be cured.

DIFFICULTIES OVERCOME BY PROPER BREEDING

In the males, the most glaring fault that is usually noticed, is brassiness, and I have found that no one, amateur or professional, cares to see a really brassy bird about his place.

The history of the White Wyandottes begins with brass in the males, and the practice which was followed in this variety, must also be pursued in Columbians, namely, brass must be eliminated by natural selection. It is the greatest mistake in the world to keep the male Columbian in the shade. He should be driven out into the sun as much as is healthy for him, in order that the breeder may discover whether he is a brassy male or not. I always look askance

at a male in the show room that shows unmistakable evidence of having been moulted out in darkness, or shade. I do not mean that a bird shall be penned in a small coop and placed in the glaring rays of the sun, where naturally any delicate feather will lose its freshness, but I do mean that it is a mistake not to give the cockerels ample opportunity to sun themselves, for in this way only can you discover whether they have a tendency to become yellow on the surface or not. Of course, if a breeder persists in breeding from brassy males, he must expect brassy cockerels, and in order to get the males free from brass the descendants of the bird with the cleanest surface color must be mated with females which were also bred from males showing an absence of brass.

The pernicious practice of bleaching may not be indulged in with Columbian Wyandottes—it has been tried, but has always failed; and only those birds which naturally have black and white feathers, not yellow, black and white, can now win in the show room, or be an ornament to a poultry yard.

This process of selection must necessarily take time, take patience, and take an observant eye.

Another serious difficulty observable in males as well as females, is a smutty hackle —by smutty I mean a hackle



It is to the Roman conquest of Britain that we are indebted for the splendid Dorking fowl. The many splendid table qualities has made it the favorite fowl among poultry keepers of England who supply the best and finest market poultry products. The specimen of the Silver Gray variety shown above attracted a great deal of attention at the Madison Square Garden Show, and many comments on his massive size were heard. He also possessed rare color and the contrast of his silvery neck and saddle feathers with the deep rich lustrous black breast and tail was striking indeed. H. J. Fiske, manager Skyland Farms, Sterlington, N. Y., is a staunch admirer of this old fowl and raises many fine specimens each year.—A. O. Schilling.

the white edge of which is bordered or smutted with dark or foreign color. One has only to look at the light Brahma to see that the peculiarity of the hackle is produced by the contrast between the solid black stripe extending down the center of the hackle feather, with the absolutely clean white edge of that feather. If the outer extremities of the feather are touched with foreign color, the whole hackle becomes a jumble instead of an artistic contrast, and one does not know where the black stripe begins and the white edging leaves off. The moral here, is, except in isolated cases, to breed from birds with clean hackles, and to mate them with birds having clean hackles. In some few special cases, females, and very rarely males, showing the defect of a smutty hackle, may be used, but only when they are mated with birds having hackles of exceptional brilliance and cleanness, and whose ancestors had hackles like them—for it is, of course, very largely the breeding back of the birds that gives the results.

COLOR OF TAIL FEATHERS INFLUENCED BY FEMALE

Another common difficulty will be found in the main tail feathers, which are particularly emphasized in the sickles of males—I mean white, where black should be. I am of the belief that most breeders place too much faith in a male with a solid black tail, and that they do not look

with sufficient care at the tail feathers of the females with which these birds are mated. One naturally looks to the male for color; but when you remember that the best strains of Columbian Wyandottes were originated by a cross of a White Wyandotte male with Light Brahma females, you will see that the female has a lot to do with color. It is important, therefore, in a cockerel mating, to see that both the male and the females have solid black main tail feathers, and that the sickles of the males are also solid black, or else very delicately edged with white.

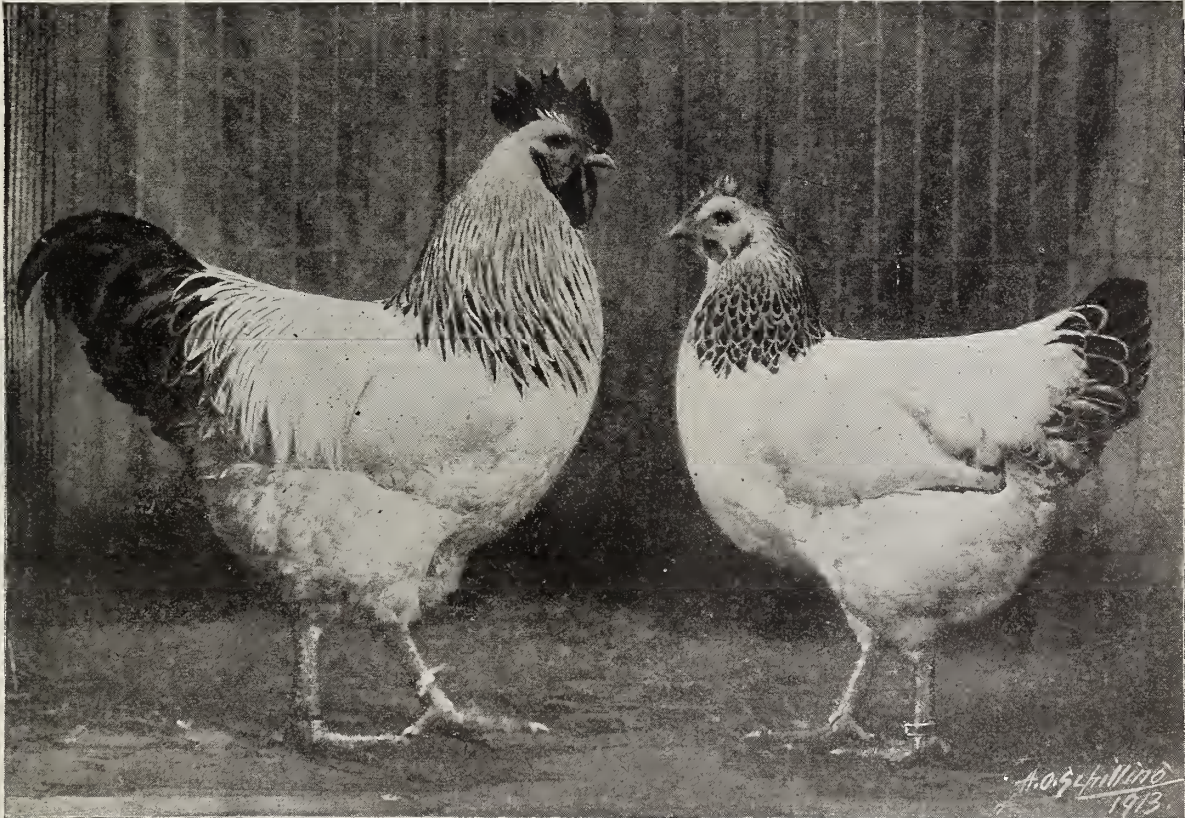
The peculiarity of the Columbian Wyandotte color is very largely due to the contrasts which it presents, and it is therefore desirable to have the surface color of the backs of the females clean pure white.

SOLID BLACK WING FEATHERS CAUSE MOSSY BACK

The craze for a solid black wing in female (about which I may, perhaps, speak in a subsequent article) led to the production and exhibition of many hens and pullets which plainly showed dark and mossy feathers in the back. I, myself, have shown and won with them—but such backs are very undesirable, for the reason indicated, and for a number of years past I have always preferred the clean backed female in my judging of this variety, and I believe I will always continue to do so.

[Continued on page 553]

"AURORA II"
"LADY AURORA"



SECND PRIZE COLUMBIAN ROCK COCKEREL AND FIRST PRIZE COLUMBIAN ROCK HEN
MADISON SQUARE GARDEN N.Y. 1912-'13.
LEW. H. BOWN

BRED & OWNED BY
EAST AURORA N.Y.

Few color combinations found in domestic poultry so appeal to poultry keepers as the ermine color markings of the Columbian varieties. These were first established in the Brahma and since then have been successfully produced in varieties of the Wyandottes, Plymouth Rocks, Leghorns, Orpingtons, etc. The beauty of pure white plumage of the body seems to be enhanced by the black and white neck hackle and black tails that are set off with tail coverts laced with white. Columbian Plymouth Rocks at the present time are making a bid for popular favor and appear to have a good chance for success. Not only are they beautiful but they are useful as well, being splendid winter layers and also good market fowl. In the above illustration are a pair of Madison Square Garden winners belonging to Lew H. Bown, East Aurora, N. Y., whose flock of this variety is one of the largest and best in existence.—Wm. C. Denny.



A. O. Schilling No.

**S. C. WHITE ORPINGTONS, WINNERS AT MADISON SQUARE GARDEN N. Y. 1912.
BRED AND OWNED BY
OWEN FARMS VINEYARD HAVEN MASS.**

Few varieties of poultry have grown in popularity as rapidly as the White Orpington. It has been but a few years since they were introduced to the American fancy, but in that time they have become one of the most popular of the standard varieties. Owen Farms, Vineyard Haven, Mass., were among the first to take up the White Orpington and to them much credit is due for their present popularity. Each year this farm has produced hundreds of birds of the finest quality, that have not only won many important prizes at our leading exhibitions, but have also brought words of praise from customers in all parts of the world. In the foreground of the above picture is shown winners at Madison Square Garden, while in the background may be seen several other high-class specimens, together with a few of the many colony houses that are to be found on the three farms devoted to breeding Orpingtons, White, Buff and Black; White Plymouth Rocks, White Wyandottes and Rhode Island Reds.—A. O. Schilling.

RUSSELL CAVE POULTRY YARDS

KENTUCKY'S LARGEST AND MOST BEAUTIFUL POULTRY FARM. OVER ONE HUNDRED ACRES OF BLUE GRASS PASTURES USED FOR GROWING THE NOTED WHITE ORPINGTONS BRED BY LOUIS LEE HAGGIN. FINE EXHIBITION AND UTILITARIAN QUALITIES DUE TO CAREFUL SELECTION AND SYSTEMATIC TRAP NESTING OF THE BREEDING STOCK. A MODEL POULTRY PLANT CONDUCTED ON SOUND BUSINESS LINES

BY J. H. DREVENSTEDT



KENTUCKY is justly called the "Blue Grass State" for nowhere else in this fair land of ours does the luxuriant pasture produced by this famous grass, equal in area that of "Old Kentucky", the home of many of America's most famous thoroughbred horses and cattle. It is truly the live stock breeders' paradise, as climate and soil are conducive to growing of the finest live stock, and the greatest of all live stock ranches in Kentucky, if not in America, is Elmendorf Farm, the magnificent estate of J. B. Haggin, consisting of 8,441 acres, devoted exclusively to the raising of thoroughbred live stock. It was at Elmendorf that the peerless "Salvator", holder of the world's record of 1.35½ for one mile, was bred; the great mare "Firenze", queen of the running turf, was born there and so was the famous trotting mare "Nancy Hanks."

The greatest herd of shorthorn cattle in the United States will be found at Elmendorf, while the new dairy department is equipped with magnificent buildings in which 400 blue blooded Jersey cows can be seen at a single milking. Another attraction at Elmendorf is the herd of Kerry cows, kept for production of milk for babies, as these little animals are free from tuberculosis. The Kerry is the bantam of the bovine race, being only about three feet high.

Visitors, especially children, will also be delighted with the Shetland and Welsh ponies bred at Elmendorf. Tobacco, corn and other farm crops are extensively grown by scientific methods, experiments being also conducted with crops in co-operation with the Kentucky State Experiment Station.

A BEAUTIFUL POULTRY PLANT

But to the poultry fancier, one of the most interesting departments of the world famed Elmendorf Farms is Russell Cave Poultry Yards, owned by Louis Lee Haggin, where White Orpingtons are bred to the highest state of perfection. About 100 acres of land comprise the Russell Cave division and on this vast domain Mr. Haggin makes his home and devotes his time to the breeding of poultry, standard-bred horses and sheep dogs. And lest we forget, Louis Lee Haggin is his own manager, looking after all the details of mating and breeding himself, to which the remarkable success of Russell Cave Poultry Yards must be attributed. It was Mr. Haggin's inborn love for thoroughbred live stock, that induced him several years ago to give up mechanical engineering in New York City and move to Elmendorf to engage in his favorite hobby of breeding some form of animals. He caught the White Orpington fever, raging at that time, and immediately started to build the foundation of the now famous string of Russell Cave White Orpingtons. The best yards in the country and England were drawn upon for his breeding stock which under Mr. Haggin's scientific and methodical system of mating "delivered the goods" in a comparatively short time.

MR. HAGGIN'S FIRST EXHIBITS

We well remember the first White Orpingtons exhibited by Louis Lee Haggin at Lexington, Ky., in 1909, as we judged the Orpingtons at the show held in that city and even at that early day the trade mark of "Haggin Quality" was stamped on his exhibits. But in the year following, at the Appalachian Exposition, where he made a clean sweep winning 1, 2, 3, 5 cock; 1, 2, 3 hen; 1, 4 cockerel; 1, 4, 5 pullet, and 1, 3 pen in competition with the best breeders of the South and of the East, the great advance in the quality of his White Orpingtons was strikingly illustrated. The next time we judged birds of this flock of White Orpingtons was at Allentown, the following fall, when Mr. Haggin made a wonderful display winning the coveted Allentown cup for the best ten birds of one variety. The same year he again won the cup for

the best ten birds at Augusta, making a record for dual wins in one year that no other exhibitor of White Orpingtons has ever equaled that we are aware of; and no special prize is coveted more by a poultry fancier than the cup for best ten birds of the variety he makes a specialty of. It proves that he has the stock that produces more than one isolated blue ribbon winner at an important show.

We have not judged Russell Cave White Orpingtons since the Allentown Show mentioned above, but have had the pleasure of looking them over at numerous shows in the last few years and found constant improvement in both male and female type. Mr. Haggin's winnings at New York, Baltimore and Maryland and other leading shows stamp his White Orpingtons as one of the finest flocks in America. The White Orpington cock exhibited by Mr. Haggin at the Madison Square Garden, New York, 1911, that won the blue ribbon was considered at that time one of the greatest White Orpington males ever shown and can correctly be called "The International Champion", as he defeated the Crystal Palace winner and all the great birds of America.

ONE SPECIALTY ENOUGH

Mr. Haggin is a specialist who believes in devoting all

(Continued on page 526)



"RUSSELL CAVE" POULTRY YARDS
LOUIS LEE HAGGIN Prop
WHITE ORPINGTONS
LEXINGTON, KY.

The Single Comb White Orpington cock portrayed above won the blue ribbon at the Madison Square Garden, New York, December, 1911, and was considered to be one of the greatest males of this variety ever shown. He has the massive, cobby build of the true Orpington, very good head points and close fitting plumage. He is a star of the first magnitude among the numerous stars in Louis Lee Haggin's great flock.—J. H. Drevenstedt.

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. G. Froby.

EDITORIALS

THE ELECTION OF E. E. RICHARDS AS PRESIDENT OF THE AMERICAN POULTRY ASSOCIATION

The American Poultry Association is to be congratulated on having a man of the age, ability and experience of E. E. Richards, Cedar Rapids, Iowa, offer to accept the presidency and assume the duties that now devolve upon the responsible head of this organization.

Mr. Richards understands very well the large amount of hard work that will fall to his lot as president of the association and he is accepting the obligation with his eyes open. Few men, comparatively speaking, are in a position to realize the extent and nature of the work that will need to be done by the executive head of the American Poultry Association in the near future, provided the best interests of the association are to be served to good advantage and the highly important projects now under way are to be carried forward successfully.

By August of this year Mr. Richards will have served four years continuously as a member of the Executive Board and during this period he has attended the annual meetings and taken an active, responsible part in the proceedings. For three years he has been chairman of the important committee on complaints and grievances, to the work of which committee he has given close personal attention. At Denver and at Nashville this committee made voluminous reports,

covering dozens of cases, and without exception the work of the committee was received favorably by the Executive Board, which body created and empowered the committee. In our opinion, no other committee that has been appointed by the American Poultry Association, or by its Executive Board, in the history of the organization, has done better work than this one.

Not only should Mr. Richards be elected president of A. P. A. at this time by a large majority of the voting membership, but if he does well in the position during his first year in office, he should be re-elected and thus given two terms—two years—in which practically to complete the extremely important work now under way and that ought to be finished by midsummer or the early fall of 1915.

For example, there are two years of painstaking work just ahead, in the revision and publication of the 1915 edition of the main Standard of Perfection. A competent committee was placed in charge of this work at Denver a year ago last August, and a year later—at Nashville—the committee was empowered to hold meetings in different sections of the country for the purpose of receiving assistance from expert poultrymen and judges, also from the officers or accredited representatives of specialty clubs.

At Nashville, last summer, this committee reported progress, but the real work of the committee is still to be done—and it needs to be done, in large part, during the administration of the president now to be elected. Getting out a revised edition of the American Standard of Perfection is not boy's play. On the contrary, it is a work that can be badly handled—much to the discredit of the association and in a way decidedly harmful to the standard-bred interests of the United States and Canada. Competent, experienced men should have charge of this work and they should be continued in charge of it until it is finished and the 1915 Standard is placed on sale.

In time past A. P. A. has met with difficulties in getting out revised editions of the main Standard—in getting this book out in right form and on time. It will be conceded that much progress has been made in this direction during the last ten years. The Standard itself is now a good pattern to follow and it is to be expected, therefore, that the preparation and publication of the 1915 edition of this book will be less difficult and more certain of success than heretofore. The present text does not need wholesale revision and it is probable that many of the illustrations will be repeated in the forthcoming 1915 edition, although there are quite a few "ideals" that should be replaced with better

ones—including those of the Wyandottes, as examples.

There are three other important but hazardous projects in the publication line to which the American Poultry Association has committed itself in a public manner, as follows:

First, is the publication of separate breed Standards, six of which have been authorized—these books to be devoted to the Plymouth Rocks, the Wyandottes, the Leghorns, the Rhode Island Reds, the Orpingtons and the Minorcas and to be published in the order here named—said books to retail at probably fifty cents per copy.

Second, is the preparation and publication of a Market Poultry and Egg Standard—a book that is to contain about two hundred pages, that is to be suitably illustrated and that is to retail at probably a dollar per copy.

Third, is the preparation and publication of a text book on poultry culture for use in teaching poultry classes in public schools, agricultural colleges, etc., this book to consist of one hundred and fifty to two hundred pages and to retail at probably one dollar per copy.

Here are three projects, each one of which is going to be harder to handle in a satisfactory manner than has been the revision and publication of the Standard of Perfection—for the reason that in each case new reading matter must be produced and new illustrations provided. It will hardly do to limit the separate breed Standards to a reprint of such reading matter and illustrations in the main Standard as apply to the respective breeds. To do this and no more would be to neglect a golden opportunity, both as regards promoting the interests of our most popular breeds and of increasing the legitimate income of the association. These separate breed Standards will need to be published at the same time the 1915 edition of the main Standard is published, or soon thereafter, and the entire lot of breed Standards—as a matter of course—will need to be revised, to a greater or less extent, every time the main Standard passes through a new revision, because the breed Standards must agree with the main Standard and be kept up-to-date.

Publishing a Market Poultry and Egg Standard is a new venture on the part of the American Poultry Association, and more or less risk is involved. There is danger that the compilers and editors of this new book may "guess wrong", as regards the character and objects of the text matter and illustrations, in which case the public will not be sufficiently interested in the new book to insure a profitable market when this so-called "utility" Standard is placed on sale. American and Canadian breeders, exhibitors and judges of standard-bred chickens, turkeys, ducks and geese can not progress satisfactorily with their work without the use of the Standard of Perfection, as revised and authorized from time to time by the American Poultry Association; but let

it be borne in mind that this is not true of the producers of market poultry and eggs. Market poultrymen work under very different conditions and can achieve good success even if they never own or hear of the A. P. A. utility Standard.

When it comes to the preparation and publication of a text book on poultry culture that is to be used in the public schools and colleges in teaching poultry raising and egg production, it will be well to keep in mind the fact that a great deal of work remains to be done in the line of inducing state, city, village and district school authorities to adopt poultry instruction in the public schools. Doubtless the poultry text book that is to be compiled and authorized by the American Poultry Association can be made of special help in this direction. Good progress has been made along this line, especially in several of the mid-west and southern states, which has created the demand for a suitable text book. It is quite generally believed that the American Poultry Association can and should publish such a book. No doubt the right kind of a book of this character—one that has back of it the authority of the American Poultry Association, will meet with an extensive sale and do a large amount of good; but unquestionably it will have to be a book well adapted to the purpose and it will need to be sold at a moderate price per copy.

It is far from our intention to discourage any one, with reference to the extent and character of the work above mentioned—work to which the American Poultry Association has now committed itself. On the contrary, our one object in writing this article is to impress on the minds of interested members of A. P. A. the absolute necessity of placing this work in the hands of experienced, competent, reliable men as officers of the association, provided it is to meet with success. The men who are to be entrusted with this large amount of difficult, important work simply must have a correct understanding of what is to be done and of the right way to go about it—either this or we shall meet with a succession of failures that will bring heavy financial loss and probably retard the further progress of A. P. A. a dozen to twenty years. Publishing and selling these several new books at a profit will call for the exercise of as good judgment and for as painstaking work as would be the case if a private individual or some well-equipped business concern were preparing the books and placing them on sale. In other words, the A. P. A. is not to have a clear-field monopoly in these several publications—not to the extent that it enjoys in the sale of the American Standard of Perfection.

Not only has E. E. Richards served on the Executive Board of the American Poultry Association during the last four years and taken an active part in the proceedings of the organization for a much longer period, but he has had fifteen to twenty years' experience as a practical and successful

publisher. His personal knowledge in this line of production should be of great value to A. P. A., now that the principal source of income of the association is to be the making and sale of books. It is for such reasons as these that we believe that Mr. Richards should be elected to the presidency of the association at this critical time—also keeping in mind the fact that unless the association, as now constituted and conducted, has the good fortune to have a well-informed, energetic and hard-working head officer, a man with the time at his disposal to look closely after the best interests of the organization, there is small chance of its making good progress and of keeping out of serious trouble.

The American Poultry Association, by August of this year, will have fifteen thousand dollars in its treasury. On March 1st, 1913, it had a cash balance of \$12,942.52, besides a large stock of Standards on hand for sale and new members coming in steadily at ten dollars each. In other words, the association is financially able to go straight ahead with the several pro-

jects to which it stands committed. What remains to be done is for the active, interested members to make sure of electing to office "the right men for the job," so to speak. Men capable of doing this work have offered their services. The selection now rests with the voting members—and we have full confidence that they will meet the situation.

TO THEM THAT HAVE, STILL MORE SHALL BE GIVEN

In last month's issue, beginning on page 373, was presented an illustrated article by Wm. C. Denny, associate editor, entitled "Government Aid to The Poultry Industry," which reported at length the nature and extent of highly valuable work that has been done by the Bureau of Chemistry of the United States Department of Agriculture, at the Food Research Laboratory at Nashville, Tenn., operated in connection with the dressed poultry and egg shipping plant of Naive, Spillers & Co., under the personal direction and supervision of H. C. Pierce,



WHITE ORPINGTONS

An Established Strain with an Established Record

Write for catalogue giving list of winnings at Madison Square Garden, Chicago, Buffalo International, Cleveland, Allentown, Hagerstown and Pittsburgh. We have supplied hundreds of guaranteed winners and have started thousands of people in the chicken business with breeding stock at moderate prices, quality considered. We are now booking orders for winners for the fall and winter shows, in Single Comb as well as the new Rose Comb White Orpingtons, on payment of a small deposit. A few bargains left in yearling breeders. "Poultry for Profit" gives the essentials of the poultry business. Price 25 cents. It contains no advertising. Our advertising is free for the asking.

We Have Improved the White Orpingtons and We Can Improve Your Flock.

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

LEGHORNS



R. C. White Leghorns

S. C. White Leghorns

Black Leghorns

R. C. Brown Leghorns

S. C. Brown Leghorns

Silver Leghorns

Blue Ribbon Winners New York, Boston and Chicago

We entered 56 birds at New York, 1912, and 50 were placed. At Boston we exhibited 59 and 57 were awarded prizes. Our catalogue describing our matings, stock and methods is free. Our stock and egg guarantee is most liberal. If in need of the best in Leghorns, write us. We guarantee to please you.

TURTLE POINT FARM

Saratoga Springs, N. Y.

W. H. MANNING, Owner, W. M. ANDERSON, Mgr.



This very interesting illustration shows a portion of Bonnie Brook Poultry Farm, R. D. Box 90A, Saratoga Springs, N. Y. This plant is devoted exclusively to S. C. White Leghorns, and as the picture will convey they are raised by the thousand. They make a specialty of eggs for hatching and day-old chicks.

who is in the employ of the U. S. Government.

Now comes word that this Food Research Laboratory is to be moved to Sedalia, Mo., and that Professor Pierce is to follow the work into a new and fertile field. Less than a year ago the Wabash Railroad issued for free circulation a large folder, printed in two colors, from which we quote as follows

"The income from poultry products alone in the state of Missouri in 1911, amounted to \$50,818,145. This is a greater revenue than is received from wheat, oats, hay or any other farm crop, excepting only Indian corn. It is a greater annual income than is received from the sale of hogs or sheep or dairy products."

In view of the fact that the reading matter for the above mentioned folder was prepared by H. L. Kempster of the Department of Poultry Husbandry at the University of Missouri, Columbia, we may be sure that the figures given and the statements made are reliable. Missouri seems determined to be the leading state in the Union with regard to the annual production of poultry and eggs and at the present time no other state shows signs of surpassing her record—not even New York State. With our best bow to Missouri, we publish the following letter from Professor Kempster:

UNIVERSITY OF MISSOURI COLUMBIA

Department of Poultry Husbandry
February 27, 1913.

"Editor American Poultry World:

"The Poultry Department at the University of Missouri has been informed that the Food Research Laboratory of the Bureau of Chemistry heretofore located at Nashville, Tennessee, and under the direction of Doctor Mary E. Pennington and Professor H. C. Pierce, is to be removed to Sedalia, Missouri. The work of this laboratory consists of studying the marketing of eggs and poultry from the producer to the consumer.

"There is great need of this work in Missouri. A conservative estimate places the loss in eggs during a single year at \$3,000,000. A large percentage of this loss is borne by the farmer and the loss is due to the average low quality of eggs and the consequent low price.

"One of the first steps will be to organize the dealers in the state to buy eggs on a quality basis. The elimination of bad eggs at the receiving station, where it has been tried in this state, results in an increase in the price of eggs of three cents per dozen. This means that the producer of poor eggs pays the penalty and the producer of good eggs reaps the reward. It is only on this basis that the egg industry in Missouri can approach its possibilities and Missouri is to be congratulated on having the laboratory within its boundaries.

"Yours very truly,

"H. L. Kempster."

On receiving the foregoing an-

nouncement from Professor Kempster we wrote to Professor Pierce of Nashville and in due course received from him the following letter, containing further information of interest and importance:

United States Department of Agriculture
Bureau of Chemistry

Food Research Laboratory
1833 Chestnut Street,
Field Station, 905 Harrison St.,
Nashville, Tennessee.

"March 19, 1913.

"Editor American Poultry World:

"I am in receipt of a copy of the April number of AMERICAN POULTRY WORLD, containing a write-up of our work in the south in connection with the Naive-Spillers Company, for which I heartily thank you. I am also in receipt of your letter of March 8th.

"I attended the Missouri Carlot Poultry and Egg Shippers' meeting last week and was in conference with Mr. Quisenberry and Professor Kempster and a number of railroad men, regarding the work which we shall take up in Missouri this coming week. The result was that a laboratory similar to the one which we had in Nashville will be established at Sedalia, Mo., and we shall also do a considerable amount of demonstration work with our demonstration refrigerator car. This work will consist of holding egg-candling classes along the various railroad lines of the state.

"This demonstration work, we hope, will lead to a general system of buying eggs on a quality basis in that productive territory, similar to that now in

ALDRICH WHITE ORPINGTONS

THE STRAIN OF QUALITY

We have again proven the *superior quality* of our stock, in this season's shows at *Madison Square Garden, Chicago, Atlanta, Allentown, Augusta and Baltimore*, showing *East, West, North and South*, and winning *59* out of a total of *150* prizes offered, in competition with the leading breeders of the world. At the *Great Allentown Show* we won *Grand Champion Futurity Cockerel and Pullet*, with birds of *our own breeding*. Our customers have also won with stock hatched from our eggs, and with birds purchased from us in the *Great Shows of the North, East, South and West*.

Our prices on eggs from our 30 MATED PENS are \$5, \$10 and \$15 per setting of 15 eggs, according to quality. A limited number of incubator eggs from our SALES STOCK at \$15 per hundred. A limited number of HIGH GRADE PENS OF EXHIBITION BIRDS at \$50 and \$100 per pen. A number of HIGH GRADE UTILITY PENS at the unusually low price of \$20, and to every customer purchasing a pen of this quality we will send free a setting of our 85 eggs, or add an additional pullet.

Do not fail to send for our beautiful CATALOGUE with COLOR PLATES. IT'S FREE. We guarantee satisfaction in all cases, either in STOCK or Eggs.

ALDRICH POULTRY FARM,

4075 N. High Street,

COLUMBUS, OHIO

practice in some places in the south. We shall endeavor also to show those packers that need it, the best methods of dressing poultry, and cooling and packing same, in order that the waste now known to exist may be eliminated and the producer receive a better price for his product and the consumer a better article of food.

"I feel sure that the results accomplished in Missouri will be highly satisfactory and fully equal to those we have already accomplished in the south, because of the hearty co-operation of the Missouri State Poultry Board, through Mr. Quisenberry, and of the University of Missouri, through Professor Kempster. It is planned to work co-operatively with these organizations, in order that we may do more effective and more rapid work.

"We feel that the work which we have done in the south is just now beginning to show the effects. The shippers here are taking a great deal of interest in the work, also in improving the quality of the stock in the country, in handling it better and in producing a better article.

"The number of plants in this section which are using artificial refrigeration in connection with poultry has increased during the two years that we have been here from one to seven, and the tonnage of refrigeration has increased from 48 to 190. By refrigeration tonnage, we mean the cooling car of one ton of ice in twenty-four hours. We are also showing shippers how to install coolers, cooled with the ice direct, instead of artificial refrigeration. These are best adapted to shippers who turn out a large volume of business, but they usually pay for this in the first year in the eggs saved. We have something like nine of these boxes now installed in the states of Tennessee and Kentucky.

Yours very truly,
"H. C. Pierce."

RESULTS OF RECENT A. P. A. NOMINATION VOTING

The following official notice, sent to the poultry press by the Election Commissioner of the American Poultry Association, gives the results of the recent mail vote, covering the nominations for officers of the association that are to be chosen this month, also the place and time of holding this year's annual convention:

Statement showing the five candidates for each office who received the highest number of votes and the num-

ber of votes cast for each nominee; also for the place and time of holding the 38th annual meeting:

PRESIDENT

- E. E. Richards, Cedar Rapids, Ia... 554
- Reese V. Hicks, Topeka, Kan. 313
- E. B. Thompson, Amenia, N. Y. 213
- Henry Steinmesch, St. Louis, Mo.. 64
- C. D. Cleveland, Eatontown, N. J. .. 45

FIRST VICE-PRESIDENT

- Jos. Russell, Toronto, Ont. 304
- S. J. Hopper, Dallas, Tex. 271
- W. C. Cleckley, Augusta, Ga. 62
- C. D. Cleveland, Eatontown, N. J. .. 35
- U. R. Fishel, Hope, Ind. 26

SECOND VICE-PRESIDENT

- W. C. Cleckley, Augusta, Ga. 372
- John A. Murkin, Nashville, Tenn.. 37
- S. J. Hopper, Dallas, Tex. 36
- L. L. Haggin, Lexington, Ky. 33
- L. B. Audigier, Knoxville, Tenn... 20

SECRETARY

- S. T. Campbell, Mansfield, Ohio. 1238
- John A. Murkin, Nashville, Tenn.. 195
- Theo. S. McCoy, Springfield, Ill. 11
- H. B. Hark, Glendale, Ohio. 2
- S. A. Merkley, Buffalo, N. Y. 2

EXECUTIVE BOARD

- W. C. Denny, Buffalo, N. Y. 821
- C. D. Cleveland, Eatontown, N. J. .. 663
- U. R. Fishel, Hope, Ind. 608
- T. E. Quisenberry, Mt. Grove, Mo. 482
- S. A. Merkley, Buffalo, N. Y. 193
- A. A. Peters, Denver, Colo. 132
- S. J. Hopper, Dallas, Tex. 111
- Robt. Seaman, Jericho, N. Y. 111
- G. M. Curtis, Buffalo, N. Y. 83
- Richard Oke, London, Ont. 77
- F. A. Kummer, Butler, Pa. 59
- A. E. Martz, Arcadia, Ind. 37
- Lewis G. Heller, Bridgeton, N. J. .. 34
- J. M. Parker, Creston, Mont. 21
- L. P. Ludden, Lincoln, Neb. 18

PLACE OF 30TH ANNUAL MEETING

- Atlantic City, N. J. 537
- Detroit, Mich. 376
- Chicago, Ill. 418
- Boston, Mass. 17
- Buffalo, N. Y. 16

TIME OF HOLDING 38TH ANNUAL MEETING

- Second week of August. 565
- Third week of August. 89
- First week of August. 71
- First week of September. 42
- Fourth week of August. 35

O. L. McCORD,
Election Commissioner,
Danville, Illinois.

Mr. Denny is greatly pleased with the large nominating vote cast for him as a candidate for a position on the Executive Board and if elected to this responsible office he will do his utmost

without fear or favor, to serve the best interests of the association. He has attended every annual convention of the association since the adoption of the new constitution six years ago and often has taken part in the proceedings; therefore he is well-informed on all the important matters that the association now has in hand and as a member of the Executive Board he will be well qualified to render valuable service.

THE ANNOUNCEMENT OF E. E. RICHARDS AS CANDIDATE FOR PRESIDENT

Editor American Poultry World:

I desire to advise members of the American Poultry Association that I am a candidate for the office of president and as a candidate I willingly stand upon my record as a member of the Association since 1900. If elected to this important office, I shall stand for the progressive upbuilding of the Association.

Respectfully,

E. E. Richards.
Cedar Rapids, Iowa.

ANNOUNCEMENT OF E. B. THOMPSON AS A CANDIDATE FOR THE PRESIDENCY OF A. P. A.

The following open letter, addressed to the members of the American Poultry Association, is published in full at the request of E. B. Thompson, the well-known poultryman of Amenia, N. Y.:

Amenia, N. Y., March 15, 1913.
To the Members of the American Poultry Association:

At the request of breeders and friends from every section of the country, I have finally consented to accept the nomination as a candidate for President of the American Poultry Association.

I do not crave for office, but I do feel that there are times when one must consider the wishes and the general welfare of the breeders and the in-



Hitch Up with Tecktonius AND HIS UNSURPASSABLE BUFF LEGHORNS AND BE A "TOP NOTCHER" IN THE POULTRY BUSINESS.

No such aggregation of "prize winning" and "prize laying" characteristics have ever before been embodied in any *one* breed—evolved by any *one* breeder—as in the

TECKTONIUS S. C. AND R. C. BUFF LEGHORNS

ONE SWALLOW DON'T MAKE A SUMMER—neither does a win, now and then at some minor show, make a "prize winning strain," as a winner is bound to show up occasionally in any poultry flock.

TECKTONIUS "SWEEPS THE BOARDS"—ANYWHERE—ALL THE TIME

But when "Tecktonius" and his world-renowned "Buff Leghorns" enter a show—or an egg-laying contest—they *clean* the boards; not occasionally, but *all* the time; not in some of the *minor* shows, but at all the *big* shows—against all the *big* competitors. I challenge anyone to show an equally as brilliant record.

SEVEN YEARS STRAIGHT WINNINGS

These "clean sweeps" for *seven* consecutive years, in the big exhibition arenas—in competition with the world's best—shows "Tecktonius strain" of Buff Leghorns to be wonderful birds—shows Tecktonius to be a Master Breeder.

MATING HATCHING EGGS

Single or Rose Comb *Special Exhibition* Matings, \$25 per setting of 15 eggs. 252 egg record.
Single or Rose Comb *Exhibition* Matings, \$10 per setting of 15 eggs. 252 egg record.
Single Comb *Utility* Matings, \$2 per 15 eggs—\$6 per 50 eggs—\$10 per 100. 252 egg record.

BABY CHICKS

Single Comb Chicks from farm range flock, of good type and color, \$5 per 12—\$15 per 50—\$25 per 100. 252 egg record. *No Chicks for sale from pen matings.*

You'll Win Fame and Fortune Breeding Poultry With My "Buff Leghorns"

WORLD'S BEST GENERAL-PURPOSE FOWL

A 252 egg record—combined with six years brilliant array of wins—indisputably stamps the "Tecktonius strain" of Single and Rose Comb Buff Leghorns as the world's greatest "general purpose" fowl.

"TECKTONIUS STRAIN" MAKE YOU A WINNER

Incorporate the "Tecktonius strain" in your flock and you, too, will get in the poultry business *RIGHT*—and you will have birds that will put you in the *front rank* in all contests—exhibition and egg laying—and *keep* you there.

SEE REMARKABLE OFFERINGS BELOW

Now is the time to prepare for the future by taking advantage of some of these remarkable offerings listed below, of "Tecktonius" Famous Stock. Mailing lists now ready—be sure and get a copy.

BREEDING STOCK

I still have several splendid bargains in Single Comb Trios and Pens, mated for best results—at \$15, \$25 and \$35 per Trio or Pen.

UTILITY BREEDERS

I will mate 12 well matured Single Comb Buff Leghorn Hens or Pullets to a vigorous male, for \$25. Here's a bargain for stock having a record of 252 eggs per head.

F. A. TECKTONIUS, Route 6, RACINE, WIS.

dustry at large above their own personal desires, and bow willingly to the demands made upon them.

If elected I will owe the office to the members of the Association. I have made no promises and do not intend to make any beyond these, viz: That I will assume office and give it my every attention and all the time required for its proper fulfillment. That all matters for my consideration will receive impartial and just action as I see and understand them. That I will freely use every power given me to properly fulfill my duties and will labor unceasingly for the welfare and general success of the great poultry interests and the American Poultry Association.

Let me urge upon every member that they should deem it a duty and a privilege to vote. They owe it a duty to themselves and the American Poultry Association to fill out their ballot and return it to the Election Commissioner promptly.

I would respectfully ask for the members' support.

Fraternally yours,

E. B. Thompson.

We are sorry indeed that Mr. Thompson decided to ask for election to the office of president of A. P. A. at this time. He had a perfect right to do so, as a matter of course, but we

regret that he did not wait until conditions were different, so that we could have had the pleasure of supporting his candidacy and of voting for him.

To the best of our recollection, Mr. Thompson has attended only two meetings of the association during the last ten or twelve years—and on neither of these occasions did he take part in the proceedings. At the time of one of the three meetings held at Niagara Falls, N. Y., Mr. Thompson motored up in his automobile, doing so on a pleasure trip, and he attended the Nashville convention last summer on a special errand.

It would be of incalculable benefit to the American Poultry Association and the industry it is striving to represent, if every member of the calibre of Mr. Thompson would attend the annual meetings and take an active part in the proceedings. There has been much improvement in this line during the last few years and the time is at hand when the conventions of this association—the largest livestock or-

ganization in the world—should be attended every year by five hundred to a thousand members.

There can be no question but that Mr. Thompson possesses the ability to make a capable head officer of A. P. A., but at present he is not in personal touch with the important work of the organization—is entirely without actual experience in this truly strenuous line of endeavor and we cannot believe that he realizes what would be expected of him in this position if he were to be successful in his candidacy.

All members of the association will be quick to accord to Mr. Thompson his full mead of praise for the valuable work he has done in behalf of standard-bred poultry culture, in originating and developing the "Ringlet" Strain of Barred Plymouth Rocks, but just now it is of supreme importance that the man who is chosen to direct the affairs of the American Poultry Association and to inspire the numerous under-officers and committeemen shall know, on the basis of personal experience and reliable, first-hand in-



The foundation of success in the Plymouth Rock is utility. Its earnings for the farmer have made it world wide popular. First, last and all the time, the standard bred Barred Plymouth Rock is a good seller on the best markets. For over a quarter of a century, E. B. Thompson has been establishing improvements in his Ringlet Barred Strain to give it the greatest possible value. Over and over again has he placed his birds in the severest competition—where the world's greatest Barred Plymouth Rocks compete. The illustrations of all his first prize winners make quite a book. Many of them he published in his last catalogue. Besides winning first on exhibition pen, also first pen for exhibition cockerel breeding at last Madison Square Garden Show, he considers his greatest achievement, the winning of champion prizes for best male, also best female. This has never before been accomplished by one breeder at one and the same show in Madison Square Garden. In studying the beauty points of this champion cockerel one is impressed with the marvelously regular ringy effect, especially in the markings upon the tail coverts.—F. L. Sewell.

formation, what is to be done and how to go about it. Moreover, he needs to be a man whose regular business will allow him to devote a large amount of time to the duties of the office and to make numerous long-distance trips in attendance at committee meetings, poultry shows and other similar gatherings. This will be especially true if favorable action is taken this summer on the proposition to establish permanent official headquarters for A. P. A., and to authorize the proper officers to conduct negotiations for accepting from some enterprising city the gift of an A. P. A. temple or office building and convention hall.

NOT A CANDIDATE FOR RE-ELECTION AS MEMBER OF EXECUTIVE BOARD

T. E. Quisenberry, Mountain Grove, Mo., has decided that he will not be a candidate for re-election to the Executive Board of the American Poultry Association. The following communication is published at his request:

"Despite the fact that I was not a candidate and did not send out even a postal and had not asked a single member of the Association to vote for me as a member of the Executive Board of the American Poultry Association, I received nearly 500 votes on the nominating ballot. I wish to thank my friends for this expression of confidence. I have served three years and tried to stand for what I thought was right.

"My decision not to be a candidate is not because I have any fear of being defeated, but because my own work is crowding me for time and I want others to share the honors and responsibilities of the Association. I am greatly interested in its welfare, and hope the policy of those who will be selected for positions will be broad-minded and progressive, for it is the duty of this Association to foster all branches of the industry.

"If I have the opportunity before my term expires, I expect to vote to open the Executive Board meetings to all members, and I hope that the time will come when this is done. In my opinion, the next few years are certain to

The Rockland Strain of

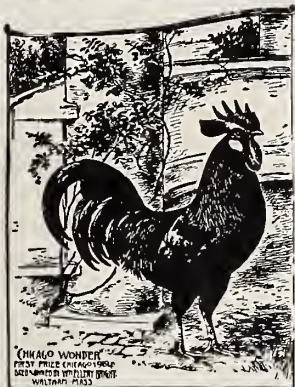
S. C. White Leghorns

is a winning strain for the show room or egg basket. Our Book, Incubator and Egg Record Cards Free.

RIDGE EGG FARM

Breeders of S. C. White Leghorns and Campines

WEST NYACK, N. Y.



We have assembled the best breeding yards that Grove Hill Poultry Yards ever possessed.

Barred Plymouth Rock pens headed by Marvel III, 1st Topeka cockerel, Ideal Intruder, 2nd Topeka cockerel, Crusader VII., General Crusader, Ringmaster, etc.

Single Comb Brown Leghorn pens headed by Boss Wonder, Worcester XII., a first Prize Yard cockerel at Boston, 1911; 1st Pen New York cockerel, 1913; 2nd New York cockerel 1913; 3rd New York cockerel, 1913.

Partridge Rock Pens headed by 1st cockerel and 2nd cockerel and 1st pen cockerel at Boston, 1913. Send for complete mating list. **Eggs for Hatching.**

GROVE H'LL POULTRY YARDS, Box 804, WALTHAM, MASS.
WILLIAM ELLERY BRIGHT, Prop., F. G. COOK, Supt.

Keeler's White Wyandottes

THE ARISTOCRATS OF THE WHITE WYANDOTTE WORLD

They combine Size, Shape, Style, Headpoints, and above all, the power of reproduction, having been line and pedigreed bred for the last nineteen years. They possess the best blood lines in existence.

THE WORLD'S GREATEST STRAIN

EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS—EGGS

For the season of 1913 I have made 16 of the grandest matings that have ever graced Keelersville, they contain most of my prize winners at Topeka, Kansas, December, 1911-12, and sons and daughters of these great birds. They are bred right and mated right to produce winners at America's largest shows the same as they've done in the past. My 60-page 1913 catalogue of America's finest White Wyandottes describing the 16 best matings in America free for the asking (stamps appreciated).

EGGS—\$5 per 15; \$9 per 30; \$14 per 50 and \$25 per 100.
Special matings \$10, \$15 and \$20 per 15.

KEELERSVILLE, R. F. D. 17, WINAMAC, IND.
CHAS. V. KEELER, Proprietor and Manager



Miss Supremacy, First Pullet, Topeka, Kansas, 1911-12

be the most critical time in the history of the Association. We need big men to safely and wisely mould the destiny of a big association and a big industry.

"Thanking my friends throughout the country and Canada for the honors conferred upon me, I shall now be content to work as a private in the ranks of the association and to do what I can in my feeble way to benefit the industry in Missouri and elsewhere.

"Yours truly,

T. E. QUISENBERRY."

Mountain Grove, Mo., March 15, 1913.

At the time when the newly elected officers are inaugurated this summer, Mr. Quisenberry will have served three years as an elective member of the association and during this time he has done excellent work. At present he is a member of the important committee to which has been entrusted the preparation of the text and illustrations of the Market Poultry and Egg Standard, and it is to be hoped that he will continue to serve on this committee until its labors are finished.

We agree fully with Mr. Quisenberry, in his statement to this effect: "In my opinion, the next few years are certain to be the most critical time in the history of the association."

Conditions have changed, with reference to the scope and character of the opportunities and duties of A. P. A., and as Mr. Quisenberry further states, the time undoubtedly is at hand when "we need big men to safely and wisely mould the destiny of a big association and a big industry."

Some day when the American Poultry Association is seeking presidential timber, it ought not overlook T. E. Quisenberry. So far as it may be worth anything, the editor of A. P. W. will vouch for him without hesitation—will vouch for his integrity, ability and industry. These three qualifications, plus the experience that Mr. Quisenberry has had during the last ten years in the poultry field, form a combination it will be hard to surpass in any other man who may be available for the position.

MR. HOPPER ASKS FOR ELECTION TO THE EXECUTIVE BOARD

The following announcement is published at the request of S. J. Hopper, Dallas, Texas, who for the past two years has served the American Poultry Association in the capacity of first vice-president:

"Dallas, Texas, March 17, 1913.

"To My Fellow Members of the American Poultry Association:

"The fact, that without making any campaign, other than announcement through the poultry press, four hundred and eighteen members of the A. P. A. showed by their votes that they wanted me to serve them as an officer; that I believe Canada should this year receive one of the elective offices, together with the fact that Mr. Quisen-

SUNNYBROOK FARM

EATONTOWN, N. J.

White and Columbian Wyandottes - Utility S. C. White Leghorns

AMERICAN POULTRY WORLD,

GENTLEMEN :—

We have some news for you. Following our winnings of **Best Display** on both our **White and Columbian Wyandottes**, at Atlanta, Ga., our White Wyandottes have captured the New Jersey State Cup for the 2nd year in succession.

At Passaic, N. J., 1913, in a hot class we won 1st Cock, 1st Hen, 1st and 2nd Pullet, 3rd Cockerel and 2nd pen, these awards carried with them the Cup, and also all Specials.

And this is not all!

Our Columbian Wyandottes at Madison Square Garden with only 6 entries, won: 1st and 3rd Hen, 1st Pullet and 3rd Cockerel—the Hen winning Special for Shape, Color and **Best** Columbian Wyandotte. We were the only Columbian Exhibitor to win two 1sts.

Our winners are mated, and their eggs are showing high fertility.

Need we say more to attract discriminating buyers? WE WANT OUR BEAUTIFUL CATALOGUE TO BE IN THE HANDS OF EVERY PERSON INTERESTED IN OUR VARIETY, and will mail it upon request. Mating list ready.

Yours very truly,

SUNNYBROOK FARM,

Box 14, EATONTOWN, N. J.

Charles D. Coleman

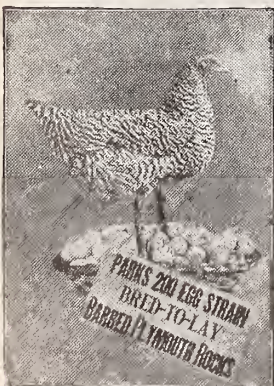
Prop.

Get Barred Plymouth Rocks, Why? Because they are the universal general purpose breed, that outlives all the breed booms.

And get Parks Strain, why? Because they are the oldest and greatest laying strain of today, with their 23 years of careful selection and trap-nesting back of them, and are now bred extensively in all parts of the world, in fact wherever profit is considered.

Our Eggs will reach you in good shape, and hatch

Because we have packing down to a science, and pens are all tested for fertility before we ship eggs from them.



Dear Sir:—Eggs arrived fine shape, none broken, your method of packing cannot be beat.

Wheeling, W. Va., Feb. 18, 1913.

E. V. Robinson.

Columbia, S. C., March 17, 1913.

Dear Sir:—Please send the other setting of eggs. Placed 13 of the first lot under a good big hen, and find every one fertile.

T. H. Ford.

Chicks that live Because our stock is noted for their wonderful amount of vigor and vitality

York, Pa., March 15, 1913.

Dear Sir:—Chicks arrived Friday in good condition. A very lively bunch and doing fine.

J. Jessop.

Jamica, N. Y., Feb. 17, 1913.

Dear Sir:—The young stock "chicks" bought of you three years ago has so pleased me in all their offspring, that I am inclined to renew my line.

H. Holt.

And Mature into Hens that Lay

Showing that our principles of breeding are correct, and that it is pays to breed for a purpose.

Little Falls, N. Y., Feb. 3, 1913.

Dear Sir:—Enclosed find . . . for 50 eggs. What I got of you last year run 90 per cent. fertility, hatched 85 per cent. and raised 100 percent. and are shelling out the eggs that average 25 oz. to the doz.

A. Dorrington.

Remember that my strain in addition to winning Gold and Silver Cups in last laying contests, won 1, 5 pullet, 2, 4 cockerel, 2, 5 cock, Chicago Washington Heights Show, 4 pen Pitts-

burgh and three 1sts at Altoona, last January. Showing that we are not overlooking the Standard requirements.

Eggs Selected, \$5-15, \$8-30, \$11-50, \$20-100. Incubator, \$2-15, \$6-50, \$10-100, \$90-1000. Chick Circular and 36-page Catalog Free.

J.W. Parks, Box W, Altoona, Pa.

berry advises me that he will not permit the use of his name, leads me to announce that my name will appear on the next ballot as a candidate for elective member of the Executive Board.

"That the membership should carefully consider the faithful, energetic and capable service that a candidate can and will give the Association, the policies he has and can be expected to stand for, before casting a vote for him is patent—is something that I have advocated in the past and advocate in this election. After this condition has been met, then, all things being equal, a just and equal distribution of the officers of the association from the standpoint of geographical location should be considered. If the association is to be national in nature, then it is neither fair nor conducive to its best interests to have the major portion of its elective officers come from one section.

"If Messrs. Fishel, Denny and Cleveland are successful in the coming election, then you will have nine of our elective officers and our one appointive officer coming from a territory composed of nine states, each of which is in turn touched by the other, in an unbroken section extending from Iowa to the Atlantic Ocean, but not more than two states in depth. At best this means that territory having not more than half the entire membership shall have nine-thirteenths of the elective officers.

"Messrs. Fishel, Denny and Cleveland are personal friends of mine and there is, therefore, nothing personal in these statements. In fact, I do not believe that either of them or their friends think, under the circumstances, that both of the other two should be elected. Neither do I believe that those members living in Iowa, Illinois, Indiana, Michigan, New York, Ontario, Ohio, Massachusetts and New Jersey, believe that they are entitled to nine-thirteenths of the elective officers and the next annual meeting. I have too much confidence in their fairness of what is just. I have too much confidence in their judgment of what is best for the success of the organization and its continued growth in each and every section of the country.

"Because of all these things I am encouraged to offer my services for membership on the Executive Board with the confidence of election, in the event of which I shall use my every energy and effort to faithfully serve the membership.

"S. J. HOPPER."

FINALLY DETROIT IS HEARD HEARD FROM—OUTSIDE OF MICHIGAN

It is with a sense of relief that A. P. W. publishes the following belated notice:

"Concord, Mich., March 13, 1913. "Editor American Poultry World: "At the last annual meeting of the Michigan Branch of the American Poultry Association the following resolution on invitation was unanimously adopted:

"We, the Michigan Branch of the American Poultry Association, invite

the American Poultry Association to hold their next annual meeting in August, 1913, in the city of Detroit, Michigan."

"The above mentioned city agrees to furnish convention hall, meeting places, boat rides and other amusements free of charge, and the Michigan State Poultry Breeders' Association agree to cooperate with Detroit and the Michigan Branch to entertain and make this convention the most interesting and successful meeting the American Poultry Association ever held.

"FRANK W. MCKENZIE, Secretary."

In a note accompanying the foregoing copy of resolution, Mr. McKenzie said: "This invitation was sent out to our Michigan poultry papers weeks ago, also to the A. P. A. Bulletin."

Sending this invitation to "our Michigan poultry papers" was the best possible way to let the waiting world know about it—we don't think! Detroit may get this year's big A. P. A. convention, but if so it will not be on account of deserving it through any act of courtesy or of enterprise on her part, or on the part of her citizens.

ATLANTIC CITY, N. J., WOULD LIKE VERY MUCH TO ENTERTAIN US

Poultrymen of New Jersey are working hard and earnestly to secure this

year's annual convention of the American Poultry Association—to be held the second week of August. The New Jersey Branch of A. P. A. has shown commendable activity in this direction and if the members of the parent body do not vote to hold the thirty-eighth annual meeting at this famous seaside resort, it will not be chargeable to lack of interest and faithful effort on the part of New Jersey poultrymen.

J. H. Wolsieffer, chairman of the Publicity Committee of the New Jersey Branch of A. P. A., has sent out a tentative programme that includes many enjoyable features. From a recent article furnished by Mr. Wolsieffer we are pleased to quote the concluding paragraph as follows:

"In addition to these, Atlantic City has the advantage of being very near to New York and Philadelphia. It has excellent train service to these points and through them to the whole country. People from the West like to go there because it is a delightful seashore place and, being near New York, they combine their convention in Atlantic City with a side trip to the metropolis for business or pleasure or both. Besides this, Atlantic City has within itself the facilities that are needed for conventions. It has meeting places convenient to steam and electricity and everything else that goes with a large city except great manufacturing establishments and large commercial inter-

QUALITY REDS WIN AGAIN

At Utica, January, we made the grand win of 1st cockerel, 1st hen, 2nd and 4th pullet, 1st, 2nd and 4th pens. Special for best display. At the Big Sidney Show we won 1st cockerel, also Grand Championship medal for best male. 1st hen, 1st and 4th pullet, 1st pen old, 1st pen young, 2 Silver Cups and 15 out of 15 shape and color specials. Also won 1st R. C. Cockerel and 1st R. C. Pullet, a limited number of Eggs from our Prize Yards. Send for matings.

W. M. WILLETS,

SHERBURNE, N. Y.

J. S. BRADY'S WHITE ORPINGTONS



I can furnish you more size, more high quality than you can buy on any breeding farm in the United States. I can furnish you as much size and quality as you can buy in England, and at much less price. I have cockerels and pullets above standard weight, fit to win in any show in the world. Get my prices.

Eggs for Hatching \$5, \$10 and \$15 per 15.

J. S. BRADY, Parkers Landing, Pa.



COLUMBIAN PLYMOUTH ROCK PULLET BRED AND OWNED BY LEW H. BOWN EAST AURORA N.Y.

Aurora Columbian Rocks

Winners at Madison Square Garden, New York, 1913, 1 Hen; 2, 4 Cockerel; 4 Pullet. At Buffalo International Show, 1913, 1, 3 Cock; 1, 2, 3 Hen; 1, 2, 3 Cockerel; 1, 2, 3 Pullet; 1, 2 Pen.

Aurora Columbian Rocks are grand winter layers. They have yellow skin and legs to meet the requirements of the best dressed poultry markets. They grow rapidly and are very hardy and do well when it is necessary to confine them to the limits of a town or city lot. They are the same size and type as all the other varieties of Plymouth Rocks, and have the attractive and beautiful markings of the grand old Light Brahma.

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 per 15.

LEW H. BOWN,

EAST AURORA, N. Y.

ests. On this account it is a neutral point. No large or no small city feels jealous of Atlantic City. Every individual that goes there is on common ground and on equal footing of every other."

NEW MEMBERS OF A. P. A.

Since the last issue of AMERICAN POULTRY WORLD went to press, the following new members have been elected to membership in the American Poultry Association, by action of the Executive Board:

CONNECTICUT—A. S. Bailey, Cobalt; Chas. H. Denison, Mystic; Fred W. Faber, Seymour; J. H. Lower, W. Cheshire; E. A. Todd, New Haven; P. J. Byrnes, Wickford; Thomas Fowler, New London; C. S. Scoville, East Haven; A. S. Wheeler, Grove Beach.

MARYLAND—Mrs. Fred Littlefield, Middleburg; Jno. M. Sessions, Baltimore; J. W. Harvey, Baltimore; Robert J. Walden, Middleburg; H. J. Reitz, Roslyn; H. A. Jarger, Baltimore; A. M. Knapp, Catonsville.

WASHINGTON—John Carr, Dayton; L. B. Windus, Dayton; H. J. Sheppard, Spokane; August Emskamp, Spokane; David Gates, Anacortes; Wm. J. Moore, Spokane.

MICHIGAN—The Emmet Co. Poultry Assn., Petoskey; Wm. H. Cavanaugh, Lansing; Paul D. Phillips, Flint; Roy J. Aberle, Owosso; R. E. Wisler, Flint; Ernest T. Elwood, Flint; W. H. Sutton, Lake Linden.

NEW YORK—Jordan Philip, Hudson; F. E. Benedict, Waterville; John B. Weig, Buffalo; Sayville Poultry Assn.,

Sayville; Cornwall Poultry Assn., Cornwall; C. G. Brainard, Waterville.

OHIO—W. E. Moulton, Plain City; Robert Brooker, Cleveland; Fostoria Feather Fancier Club, Fostoria; F. H. Brown, Painesville; Ed. Kretzer, Defiance; W. S. Stuver, Wadsworth.

KENTUCKY—J. Hunter Mathews, Richmond; Mrs. J. W. Duncan, Jr., Nicholasville; Mrs. John R. Gibson, Richmond; Walter Q. Park, Richmond; J. J. Hooper, Lexington.

OKLAHOMA—C. L. Barrick, Enid; Kendall Calloway, Chickasha; Geo. C. Winans, Oklahoma City; Grady Co. Poultry Assn., Chickasha.

TEXAS—W. J. Barton, San Antonio; R. B. Baldwin, Cleveland; J. W. Tardy, Lockhart; Emmett Curran, N. Ft. Worth.

INDIANA—M. H. Ramseyer, West Middleton; R. A. McKinney, Indianapolis; Cecil Close, Bargersville.

ILLINOIS—Livingston Co. Poultry Assn., Pontiac; W. Frank Baker, Bloomington; Hinckley Poultry & Fanciers' Association, Hinckley.

NEW JERSEY—Walter A. Schultz, Englewood; J. H. Clark, Boonton.

ARKANSAS—Larry E. Palm, Monte Ne; B. F. Bryant, Rogers.

CALIFORNIA—Mrs. A. H. Lingo, Lankershim.

GEORGIA—W. Maury Adams, Adel.

MISSOURI—Dr. J. E. Calloway, Chillicothe.

BRITISH COLUMBIA—Jno. Lewis, Victoria.

DELAWARE—Wm. J. Splan, Wilmington.

NEWFOUNDLAND—Walter Reid, St. Johns.

FLORIDA—A. R. McRae, Tampa.

SOUTH CAROLINA—Samuel A. Mathias, Irmo.

KANSAS—Roy Johnson, Lawrence.

WISCONSIN—A. B. Webert, Rusk.

IDAHO—Oscar Nelson, Cour d'Alene.

COLORADO—F. T. Minney, Delta.

IOWA—J. W. Trettin, Grafton.

PENNSYLVANIA—J. R. Eriser, Washington.

HANCOCK INOCULATUM CO.

Attention is called to the advertisement of "Oculum," manufactured by the Hancock Inoculum Co., Box Q, Salem, Va., and to their statement that "Oculum" is not only a remedy for cholera, rump, white diarrhoea and canker, but that its chief value is its tonic effect. The manufacturers also authorize us to state to our readers that if their flocks are inoculated with "Oculum" four times a year, they will, with reasonable attention, be the healthiest flocks you have ever raised and will outlay and outweigh any flock of the same size and strain that you ever owned, and that they will refund the purchase price of all "Oculum" used during the year by any of our readers who wish to try it out as a tonic, if results do not come up to their claims.

One of their customers, the Rev. A. M. Mannes, Mt. Vernon, S. D., wrote them that the 50-cent bottle he brought of them last spring was worth \$50 to him, as one dose saved a valuable cock that would have succumbed within a few days. For testimonials, etc., write the Hancock Inoculum Co., Box Q, Salem, Va., and kindly mention A. P. W.

*** What magazines do you read? Send us your list we can save you money ***



The Ancona hen illustrated above is not only an exceedingly fine exhibition specimen, but belongs to the business hen type of Anconas, bred at Urban Farms, Pine Ridge Buffalo, N. Y. George Urban, Jr., the proprietor of this progressive poultry farm, believes Anconas when bred to proper size are the coming fowl as layers of large white shelled eggs. The egg laying records made by the Urban Farms Anconas substantiate this belief.—J. H. Drevenstedt.



A Barred Plymouth Rock male that wins second prize at a Boston Show must have quality of the highest class, as competition is very keen at this great exhibition. Pittsfield Poultry Farm easily captured this honor with a cockerel that had the bright surface color and fine and snappy barring all Barred Rock fanciers admire so much. When fully matured this cockerel will compare favorably with many of the best seen this season at our leading shows.—J. H. D.

MEADOW BROOK FARM

Attention is called to the advertising of Meadow Brook Farm, A. G. Connolly, proprietor, Box W, Nazareth, Pa., elsewhere in this issue. When the White Indian Runner Ducks were first introduced into this country, Mr. Connolly was one of the first to recognize their good qualities and he immediately started to establish a flock that would be second to none in the country. That he has succeeded, we have no cause to doubt, as his birds have established records as egg producers and they possess the genuine Indian Runner characteristics, namely, type and carriage, that places them in the front ranks as prize winners. This is proven by their performance at the recent Madison Square Garden Show, where on four entries they were awarded two firsts and two second prizes.

Readers interested in this variety should get into communication with Mr. Connolly immediately. He advises us that he has several good breeding trios that he will dispose of at \$10 per trio and eggs for hatching may be secured at \$3.00 per setting or \$20.00 per 100.

VALLEY VIEW BUFF LEGHORNS

Among the first to take up the breeding of S. C. Buff Leghorns with a view to improve both their standard and utility qualities was Rodney Knapp, proprietor of Valley Poultry Farm, Binghamton, N. Y. Mr. Knapp has worked conscientiously for the advancement of the variety and has contributed many high class specimens, as his record at leading shows proves. At the recent Madison Square Garden show he won seven regular prizes including one first and three second prizes.

Mr. Knapp is now booking egg orders and he also announces that he has several fine cocks and cockerels for sale. Write him for further information and mention AMERICAN POULTRY WORLD.

MAPLESIDE WHITE WYANDOTTES

One of the veteran breeders of White Wyandottes is Charles Nixon of Washington, N. J. He has been breeding White Wyandotte fowls for over 20 years, winning blue ribbons at Madison Square Garden and other leading shows with his birds. He has also sold and shipped fowls to customers throughout the United States and Canada that have landed the coveted prizes. But in the last three years Mr. Nixon has not exhibited, as he has been called upon to judge the White Wyandottes at many of the leading eastern shows and has officiated at the Madison Square Garden for three years, handling some of the hottest classes ever panned. At the National White Wyandotte Club show, held at Albany, N. Y., January 14 to 17, 1913, Mr. Nixon made a small exhibit, winning the following prizes: 1st pen young; 3rd pen old; 1st, 6th hen; specials for best pen, best hen and shape and color special on female. Full particulars of Mr. Nixon's matings for 1913 will be found in his attractive catalog which will be mailed free to all applicants. An innovation by Mr. Nixon is that he will prepay express charges on all original orders from pens 1 to 9 inclusive.

WEBSTER FARM, GIRARD, PA.

White Plymouth Rocks have had a phenomenal season and the Webster Farm line in particular has proven its worth and has won new records at Philadelphia, Williamsport and at Cleveland, O. At these great shows they have won this season 10 firsts, 4 seconds, 4 thirds, 1 fourth and 3 fifth prizes, a total of 22 of a possible 28 competed for. Their winnings in specials for best males and females in show at Williamsport and Philadelphia give further proof of the high quality of this line.

Two years ago at M. S. Garden, New York, this line won three first and two second prizes, winning their title as the New York champion line. They

have also won at Boston and other great shows.

This year this line is better than ever. The matings are made and include all of Mr. Webster's winning birds, including his three highest winning cocks and cockerels at Cleveland's greatest show. We know of no breeder with a similar record in winning males. Mr. Webster increased his plant last season with new houses and with large pens and now has as complete a plant as we know of. He takes special pride in his birds, is an interesting fancier and a most reliable man. Write him for mating list and in regard to choice breeding stock. He has them and will assure satisfaction to all. Address Webster Farm, Box W, Girard, Pa.

FAIRVIEW WHITE ROCKS

Guy Daily, Jeffersonville, Indiana, announces in his excellently gotten up mating list that he has mated up eighteen pens of White Plymouth Rocks this season, and does not hesitate to say that they are the grandest lot of birds he ever saw and states that they have the blood lines to reproduce themselves. A glance at Mr. Daily's winnings shows that he has been more than successful with his matings, winning more firsts in the seventeen shows Fairview White Rocks were exhibited at since 1909, than all competitors combined. Mr. Daily's Fairview Strain was established to keep the utility values uppermost at all times. All breeding yards are equipped with trap-nests, and only the best layers are bred from. Chicks from each mating and a large number of the best hens have been carefully marked and a record kept by Mr. Daily, so he does not have to guess at the blood lines, and can mate his breeders with absolute certainty. Fairview White Plymouth Rocks are noted for their size and stamina, as well as fine color and shape. White Rock breeders will find Guy Daily's booklet one of the most interesting ones of the kind sent out this season.



The grand old White Leghorn male illustrated above, besides winning first prize at Atlanta, last December, was awarded champion cock of the show, all breeds competing, and all specials. Many large offers were refused for him and he was one of the star attractions at this great Southern exhibition. Mr. Punderford is justly proud of this bird and considers it invaluable from a breeding standpoint—J. H. Drevenstedt.



The Barred Rock classes at Williamsport, Pa., are always large and always contain some of the best productions. It requires a bird of exceptional qualities to carry off first honors and the pullet shown above was a specimen that fully deserved first prize. Boyd Johnson, Rupert, Pa., is to be congratulated upon his ability to produce birds of such quality.

WOPSY POULTRY YARDS

OUR REPRESENTATIVE VISITS THE HOME OF PARKS BRED-TO-LAY BARRED ROCKS AND PRONOUNCES IT A MOST COMPLETE AND UP-TO-DATE PLANT

BY A. J. BRAUN

Parks' bred-to-lay Barred Rocks are known to breeders from coast to coast and have gained their wide reputation through their wonderful egg producing ability.

While on a business trip recently through the state of Pennsylvania, I decided to spend a day at Altoona, and inspect Mr. Parks' plant or Wopsy Poultry Yards, as he chooses to call his place. I had met Mr. Parks several times and I looked upon him as

one of those thorough going business men that apply system to every undertaking, but I was not prepared to find such a complete system as Mr. Parks has adopted. A most complete record is kept of every transaction and each and every inquiry is credited as soon as received to the paper producing it. This system also extends through the entire plant, all birds are trap-nested and record cards are conspicuous everywhere. Every

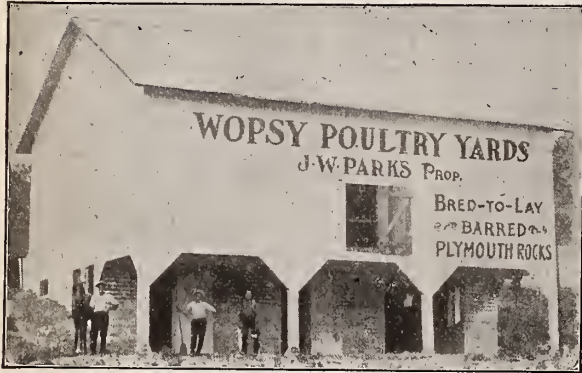
bird has a pedigree and the record system is so complete that this may be traced back several generations instantly and in most cases a very gratifying increase is shown in the egg production.

The farm is located about three miles from Altoona, Pa., on the mountainside and is one of the best equipped I have ever visited. I first inspected the new incubator cellar and it is a model for convenience and is equipped with Hall Incubators of 23,000 egg capac-

ity. The building is 30 ft. x 125 ft., two stories high. The superintendent's office is located on the second floor and is connected to all parts of the plant by a telephone system. This system makes it possible to communicate at any time with the main office from any part of the farm. The breeding houses are of the open front colony style and each house is 20 ft. x 16 ft., there are thirty of these altogether.

With the method of caring for breeding stock they are assured practically free range and plenty of fresh air at all seasons with the result that the stock are always in the pink of condition and prepared to do their best. Another feature worthy of mention is the water system, which reaches all parts of the plant and was recently completed, a spring is the source of supply and a five horse power gasoline engine does the pumping. The equipment also includes a complete mill for grinding and mixing feeds, but Mr. Parks advised the writer that he found it more economical at the present time to buy his feed in carload lots.

I carefully inspected the breeding birds and I wish to impress upon the readers of these notes that Mr. Parks in building up his strain of layers has always kept an eye to standard requirements and he showed me many prize winners as we visited the different pens. Every house is equipped with a battery of trap-nests and all individuals are trap-nested 365 days per year. An attendant does little else but go from house to house and release birds from the nests and



The barn and feed house at Wopsy Poultry Yards, the home of Parks bred-to-lay Barred Plymouth Rocks, Box W, Altoona, Pa.

E. B. Thompson's Imperial Ringlet Barred Plymouth Rocks

Win the most wonderful record beyond all precedent in Barred Rock History at the Imperial and most Classic Show of all America—Madison Square Garden, New York—this winter of 1913. Winning as follows:—

- First Prize, Second, Sixth and Eighth on Cockerels.
- First Prize and Sixth on Pullets.
- First, Second and Fifth on Exhibition Pens.
- First on Cockerel Mated Pen.
- Second, Third, Fourth and Fifth on Cocks.
- The Imperial Prize of the Show, Sweepstakes Special for Champion Male.
- Sweepstakes Special for Champion Female.
- Diploma presented by the American Poultry Association for Best Cockerel.
- Sweepstakes Cup for best Plymouth Rock hatched in 1912, male or female, any variety.

Challenge Silver Cup for best Exhibition Pen.
Special Best Shaped Male. Special Best Colored Male.
Special Best Colored Female.
Best Cock, Cockerel, Hen and Pullet; four best Cockerels; four best Pullets; \$25 Special Prize presented by the New York Show for Finest Display; All Silver Cups and Cash Specials; Four times as many First Prizes as any competitor; more First Prizes than all competitors combined; more First, Regular and Special Prizes than won by any competitor of any breed.

My exhibit of fifty-six birds was the best the world has ever seen.

No other Barred Rock breeder has ever produced or is producing such matchless quality. Every feather in my exhibit was bred on my farm. My First Prize Champion Cockerel and First Prize Champion Pullet are years ahead of their time—they are the product of the highest skill.

No other Barred Rock breeder has ever accomplished the unprecedented achievement of winning the two greatest prizes in the world—Champion Male and Champion Female—at one show in Madison Square Garden. Address,

See My Ad. on
Back Cover
Page

Lock Box 330,
Amenia, New York

make the proper entry on the record cards with which each pen is supplied.

I looked over several records and found individuals that had reached the 252 egg mark in one year and scores of them that had reached and exceeded the 200 egg mark. Over six hundred testimonials from customers in all parts of the country were placed at my disposal; of course I did not attempt to read them all, but I read a sufficient number to convince the most skeptical that Parks bred-to-lay Barred Rocks will do all that is claimed for them and that they are giving satisfaction to customers, North, South, East and West. One woman wrote of raising 7 pullets and 5 cockerels, and that one of the pullets made a record of 255 eggs in one year.

Mr. Parks' business doubled in 1912 and so far this season it is 25 per cent. in advance of what it was the corresponding period last year. This appears as conclusive evidence that Mr. Parks is satisfying his customers and a satisfied customer is the best advertisement. He is now busy booking orders for eggs for hatching and day old chicks from pedigreed, bred-to-lay stock. His mammoth incubator is now running full capacity and before these lines are read, he will be shipping chicks by the hundreds to all sections. Readers, if you are interested in improving your flock, I would advise that you try Parks' bred-to-lay Barred Plymouth Rocks. His advertisement will be found on another page of this issue.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, ETC.

Of AMERICAN POULTRY WORLD, published monthly at Buffalo, N. Y., as required by the act of Congress of Date Aug. 24, 1912.

Name Post Office Address
 Editor, Grant M. Curtis, Buffalo, N. Y.
 Business Manager, William C. Denny, Buffalo, N. Y.
 Publishers, American Poultry Publishing Co., 158 Pearl St., Buffalo, N. Y.

Owners of Capital Stock
 Grant M. Curtis.....Buffalo, N. Y.
 Dow R. Gwinn.....Terre Haute, Ind.
 Cora M. Curtis.....Buffalo, N. Y.
 Minnie C. Isler.....Buffalo, N. Y.
 A. O. Schilling.....Buffalo, N. Y.
 Wm. C. Denny.....Buffalo, N. Y.
 WILLIAM C. DENNY.

Sworn to and subscribed before me this 26th day March, 1913.

(Seal) E. J. PLUMLEY,
 Notary Public,
 Erie Co., N. Y.

SUNSWICK POULTRY FARM

One of the most beautiful catalogues of the year is the one issued by Sunswick Poultry Farm, Plainfield, N. J., and is worthy of the splendid Buff Orpingtons bred on that noted poultry farm. The illustrations are printed in brown on fine buff paper, which produces a most charming effect. The portraits of the famous winners bred and exhibited by Rufus Delafield are well executed by the several artists, and these as well as some of the picturesque views of

Sunswick are good enough to frame.

The text of this book reflects the character of the good man and true fancier who has built up an enviable reputation as a Buff Orpington breeder, one of the best in this, or in any other country. AMERICAN POULTRY WORLD is grateful for this opportunity to express its opinion of and extend its felicitations to Mr. Delafield as a fancier, breeder, exhibitor and business man. No breeder of Orpingtons should fail to procure a copy of this valuable catalog. It will be sent free to all who mention AMERICAN POULTRY WORLD when addressing Rufus Delafield, Sunswick Poultry Farm, Plainfield, New Jersey.

H. P. KETTERING

H. P. Kettering, proprietor of the Sycamore Springs Poultry Yards, Carriok, Pa., issues a very neat and businesslike folder this spring in which the winnings of his Single Comb and Rose Comb White and Buff Orpingtons, also of his large mammoth White Pekin Ducks are given together with the list of matings and prices for eggs for hatching. Mr. Kettering is one of the oldest and most successful poultry fanciers in Pennsylvania, his Orpingtons and Ducks not only making excellent records in the show room, but proving themselves great utility fowl. Most of the early pullets start laying at four months of age and lay from two hundred to two hundred and fifty eggs per season. To obtain this interesting mating list address H. P. Kettering, 966 Liberty Ave., Pittsburgh, Pa.

E. B. Thompson's Imperial Ringlet Barred Plymouth Rocks

This new 1913 Championship Record on opposite page is the most notable of all the thrilling achievements at Madison Square Garden for which E. B. Thompson's Imperial "Ringlets" are famed.

This amazing record transcends all that have gone before it and makes my unequalled record for twenty-five years at Madison Square Garden all the more remarkable.

FURTHERMORE:—The "Ringlets"—exhibited by me personally—have won at New York a grand total of 29 First prizes—more than double the number ever won by any competitor. No other Barred Rock breeder has ever won more than 13 First Prizes in the entire history of the New York Show—**Mark the Difference.**

The "Ringlets" have won every Silver Cup and Trophy that has ever been offered at New York to be won three times. Among these are the **\$100 Challenge Trophy and the \$100 Association Cup.**

If you want to win and breed winners

you must have my Imperial "Ringlets." It will be to your best interest to have my grand birds and eggs as a foundation and to improve your stock. The rich results of my more than thirty years as a Barred Rock breeder may be yours. My long experience has produced thousands of prize winners for myself and customers. I will help you to the best of my ability, rest assured of this. Elegant breeding and exhibition Cocks, Cockerels, Hens and Pullets of the richest First Prize New York blood for sale in any number. Show birds fit to win in any competition in any show. Richly illustrated 70-page catalogue mailed upon request, it is full of original pictures of New York winners from life.

EGGS from the finest Exhibition Matings in the world, \$10 per setting; four settings, \$35; one hundred eggs, \$60. Address

See My Other Ad. on Back Cover

E. B. Thompson

Lock Box 330,

Amenia, New York



"Ringlet" first prize cockerel and champion male at Madison Square Garden, New York, 1910-1911.

EDITORIAL NOTES AND COMMENT

WILLIAM C. DENNY
— ASSOCIATE EDITOR —

Through the courtesy of Ralph Woodward we have received a copy of the Fifth Annual Catalogue of the National Columbian Wyandotte Club, an interesting and attractive book consisting of 80 pages and cover.

In addition to a detailed report of the discussion on proposed Standard changes at the Annual Meeting held last December, during the Philadelphia Show, and reports of officers, the catalogue contains numerous articles, including contributions on breeding and exhibiting by well-known admirers of the breed. The membership includes 351 names from 38 states and provinces, a showing that the club should be proud of and one that speaks well for the energetic work of Mr. Woodward as secretary.

In addition to being a handsome variety, Columbian Wyandottes have many qualities as a utility fowl to commend them. They are especially valuable as a breed for market and winter laying, as they develop rapidly and mature early. We shall always remember the splendid laying performance of a pen of this variety that we had ten years ago. During the month of February eight pullets averaged 21½ eggs apiece. The eggs were a dark brown and averaged considerable over the market Standard of 25 ounces per dozen.

A copy of this valuable catalogue can be obtained by addressing Ralph Woodward, Secretary, Grafton, Mass.

—o—

The Petaluma, (Calif.) Daily Argus of February 1st, 1913, pays a splendid compliment to L. C. Byce of that city. Mr. Byce, who is a member of the Executive Board of the American Poultry Association, also President of the California Branch of the American Poultry Association, is president and founder of the Petaluma Incubator Co., one of the first concerns in America to enter the incu-

bator manufacturing business. He is the acknowledged "father of the poultry industry of the Pacific Coast" and it is largely due to him that Petaluma has become recognized as the most noted poultry producing community in America.

Mr. Byce was born in Canada and removed to Petaluma in 1878. He became interested in poultry and the study of incubation at 12 years of age and has been at it continuously since then. When Mr. Byce started in the poultry business at Petaluma there

was a decided shortage of poultry, and hens were scarce and difficult to obtain. It is told that Mr. Byce found it necessary to travel over nearly all of Sonoma County to obtain three dozen old hens of all kinds and types which were far from suitable for his purpose. The difficulty in obtaining stock in California caused Mr. Byce to import Brown and White Leghorns and Barred Rocks from the East. His first shipment consisted of 500 head. After their arrival and while the birds were at the express office, one of the natives

of Petaluma went down its principal street urging everybody to go and see the "million hens up there". This was the beginning of the poultry business in the Petaluma district where it is now estimated that there are a million and a half hens. Mr. Byce has recently been appointed member of the American Poultry Association Advisory Committee by D. O. Lively of the Live Stock Department of the Panama-Pacific Exposition to suggest rules and means for the poultry exhibit to be held in connection with the Exposition that is to be held during the summer and fall of 1915. We would like to see Chief Lively go farther than this and appoint Mr. Byce superintendent of the poultry department. Mr. Byce has the unbounded confidence of all who know him, and if he can be prevailed upon to make the personal and business sacrifice necessary to organize and conduct the poultry show to be held in connection with the Exposition, the poultrymen of America will have no cause to fear but that their interests will be properly and well taken care of.

—o—

New York State poultrymen in particular will be interested in the following letter from W. H. Manning, who has recently been appointed Superintendent of the New York State Fair Poultry Department:



FIRST BUFF ORPINGTON COCK
CHICAGO, ILL 1911
A. E. MARTZ ARCADIA, IND

A. E. Martz the Buff Orpington specialist, Box W, Arcadia, Ind., announces that he made 25 matings this year of his bred-to-lay, highest grade Buff Orpingtons. Mr. Martz can furnish some high-class breeders as well as eggs for hatching. He has issued a big Orpington "Fashion Plate" book, describing his matings and winnings, also giving prices, which will be sent free on request. The Buff Orpingtons are one of the popular varieties of the times, and it should be noted that Mr. Martz has not only bred for standard qualities, but for utility qualities as well. When writing for printed matter, kindly mention A. P. W.



TRAP-NESTING is INVALUABLE NOT ONLY BUFF ORPINGTONS

All breeds can be improved and the caption above points the way. A few cockerels raised from my best family of trap-nested layers yet to spare—this hot blood is in demand. Has put profit into many deteriorated flocks and will help you.

ORPINGTON FASHION PLATE BOOK—FREE

If you have bred Buffs long enough to crave the best, you will be delighted with this book, the description of my 25 yards and the price of eggs.

A. E. MARTZ, Buff Orpington Specialist,

Box W,

ARCADIA, IND.

"Saratoga Springs, N. Y.,
"March 24, 1913.

"American Poultry World:

"I have accepted appointment from the State Fair Commission to take entire charge of the poultry department of the State Fair.

"Governor Sulzer thoroughly understands the conditions of the poultry department of the State Fair and he is anxious to have me take hold and see if they can not be improved.

"Some important changes will be made, but it is too early just now to say what they will be. The breeders of this state can rest assured that I shall do everything possible to see that the poultry show is conducted in an honest manner and that every exhibitor will be given absolutely fair treatment.

"I should be very glad indeed to have expressions of opinion from breeders and exhibitors throughout the state as to what improvements they would suggest, and will give them my deepest consideration.

"I should like, if possible, to make the poultry show at the New York State Fair the best fall poultry show in the country, and I hope with the support of the breeders and exhibitors of this state to do so.

"W. H. MANNING."

The State Fair Commission is to be commended on selecting a man of Mr. Manning's standing and ability for superintendent of the poultry department. Mr. Manning has declined to accept any compensation for his services, he accepts the office with the sole idea of being able to serve the best interests of the poultry industry in the state.

As proprietor of Turtle Point Farm, Saratoga Springs, N. Y., Mr. Manning is a well known and successful breeder of Leghorns. He is president of the Saratoga Agricultural Society and is a prosperous business man. The chances are that when another vacancy occurs in the State Fair Commission, he will be appointed to fill the vacancy.

—o—

Following is the introduction of circular No. 208 issued by the United States Department of Agriculture, Bureau of Animal Industry. It was prepared by Harry M. Lamon, Senior Animal Husbandman in Poultry Investigation, and suggests the organi-

zation of Girls' Poultry Clubs as a means of improving the quality and value of poultry products produced on the farms of the country:

"Statistics show that the loss due to the improper handling of eggs throughout the country is enormous, extending into many millions of dollars annually. It is an equally established fact that strictly fresh eggs command a higher price than those commonly designated as store eggs, and if the farmer, who is the largest producer of this well-known perishable commodity, would take more care in selecting, grading, and marketing this product he would receive a price higher than the average market one for his eggs. On many farms throughout the country the money derived from the sale of poultry and eggs buys the groceries and clothing for the entire family. The money from this source may be substantially increased by establishing a private trade in eggs of good quality with hotels, restaurants, etc., in towns and cities.

"The object of forming girls' poultry clubs is to give a better knowledge of the value and importance of the poultry industry and the marketing of first-class, uniform product, to teach better methods of caring for the poultry and eggs, and to show the increased revenue to be derived from well-bred poultry where proper methods of management are pursued.

"ORGANIZATION

"Throughout the year meetings should be held to discuss the different problems of poultry management, and at such meetings the Animal Husbandry Division of the Bureau of Animal Industry, United States Department of Agriculture, will have in attendance, whenever possible, one of its specialists on poultry to assist in solving such question or problems as might arise and to give whatever help and information he can to the members on such subjects as selection of stock, candling demonstrations, etc. He will also assist in securing first-class markets for the sale of the poultry and eggs.

"Each county club should hold an exhibition once a year, preferably in connection with the county fair, at which place a pair of the best chickens grown by each member should be placed on exhibition and entered to compete in the regular classes for premiums offered by the fair association, as well as for the special prizes offered for members for the girls' poultry clubs. An exhibit of the best dozen of eggs should also be made.

"It will be well to have a president, one or more vice-presidents, and a sec-

retary. A simple constitution and by-laws should be adopted. It will be found profitable to subdivide the county organization by townships, schools, or school districts, and have local meetings at school houses or at different girls' homes occasionally. Each club should adopt the following general regulations:

1. Girls joining the club must be between 10 and 18 years of age on January 1st of any given year. Special classes may be organized for older girls.

2. No girl shall be eligible to receive a prize unless she becomes a member of the club, and sets at least one setting of 15 eggs.

3. Each member of the club must agree to study the instructions of the United States Department of Agriculture.

4. Each girl must plan to do her own work and keep strict account of all expenses, such as feed, labor (for which 10 cents an hour should be charged), sale of stock, etc.

"PRIZES AND AWARDS

"The award of prizes on fowls and eggs shall be made according to the rules set forth in the American Standard of Perfection, published by the American Poultry Association.

"It will be found best to distribute the prizes as widely as possible. Honor and recognition sometimes count for more than money. Badges, certificates, and diplomas given to the club members are often more appreciated than money and expensive premiums. When liberal amounts are offered for prizes, it will be well to give them in every township or school district, and offer premiums to the club that will make the highest records with five or ten in a team, dividing this premium into several different awards, depending upon the rank."

We would like to see the boys included in the suggested poultry clubs. Poultry culture is now included in the course of study in many of the public schools throughout the country and contests of accomplishment in poultry work between boys and girls will assist in making their school work in this branch of work more interesting and more helpful.

The boys' corn clubs of the middle west and south have done wonders in developing and holding the interest of the young men on whose shoulders will soon fall the task of producing the greatest of America's crops—and

R. C. Caldwell Ships "Baby Chicks of Quality" On Short Notice See Ad. on Page 569

BYERS' STRAIN ORPINGTONS BUFF, BLACK PEARL WHITE



BUFF



WHITE



BLACK

If you don't know of me and my responsibility ask the Editor of this Journal. Then get my 1913 Catalog. I have won at the largest shows past 14 years in Orpingtons, have judged them from New York to Los Angeles, bred them that won yearly from Coast to Coast—Eggs from the best special matings possible \$10 per 15, \$18 per 30, \$50 per 100. (Infertile Eggs replaced free). Utility Eggs \$15 per 100, \$60 in 500 lots. Now I will wager that Eggs purchased from my Special Matings at the above prices will produce more high grade birds than Eggs purchased elsewhere at the same or a higher price; number of chicks reared considered. Moreover, I am going to guarantee to please every reasonable customer who purchases Eggs from me this season. I do not mean to infer that there are not other good birds in the country, but I do assert that the Eggs I will deliver at my price, will produce more high grade specimens than those purchased elsewhere, as above mentioned. There are many choice birds in the yards of breeders but the fellow who owns them, without the knowledge of properly mating them, handicaps himself as well as his customer, although he may maintain and believe that he is right. I have gradually, by studious and scientific experience and research developed an exceptional and indispensable knowledge along this line. That's why I have been urged to place the awards at the largest shows of our country. But I am not in the judging business. My business is to breed one breed right and furnish Orpingtons and Eggs of the highest grade and at attractive values consistent with their blood lines and Standard qualities and I have been doing it and will be at your service in this capacity for years to come. In view of the above I am going to merit your patronage if I get it.

C. S. BYERS,

One Breed Bred Right 14 Years,
READ THIS AGAIN

HAZELRIGG, INDIANA



*BUFF WYANDOTTE COCKEREL WINNER FIRST PRIZE
ALS° SHAPE SPECIAL & SPECIAL BEST BIRD IN SHOW
GRAND CENTRAL PALACE NEW YORK DECEMBER 1911.
WHITNEY & McEWAN ALBANY N. Y.*

A trim and stylish Wyandotte in type, showing graceful neck, back and tail outlines, good deep breast and compact body with neat head and comb and excellent surface and under-color.

it will mean much more as time goes on and the experience that has been acquired through the actual work of producing corn and the knowledge acquired through the holding of exhibitions where the results have been displayed and explained, can be put into practice.

Circular No. 208 includes plans for a practical, low-cost house, and suggestions regarding the selection, care and feeding of breeding stock, methods of hatching, care of setting hens, testing of eggs, marking of young chicks, etc., are described in a manner to help and aid the novice. Copies of the circular may be obtained for 5 cents by addressing Superintendent of Documents, Government Printing Office, Washington, D. C.

In March American Poultry World announcement was made of the Poultry Futurities contest held in connection with the Great Allentown Fair.

Some important changes have since been made and the date of entry advanced to May first. The following letter from Supt. W. Theo. Wittman explains the changes and advances reasons for their being made:

"Owing to a great deal of dissatisfaction with the rule requiring that seamless, enameled bands be slipped on the legs of all birds entered in the Allentown Poultry Futurities Stakes, at the age of from two to three months old, that feature will be abandoned and in its place will be substituted the plan of last year. All birds proposed to be shown must arrive at Allentown wearing 'Futurity' sealed and numbered leg bands furnished by the Association about ten days before the show. One band will be furnished each entry. The winners will be required to make affidavit of the month bird was hatched, where raised and by whom, thus fully safeguarding everyone.

"Because of this change in rules, the closing of entries for all varieties will be moved ahead to May 1, 1913. Notice is given to those who have already entered, that owing to this change in rules they may withdraw same. Failure to do so will be construed as evidence that they agree to the change.

"It was hoped that the English plan of 'ringing' promising youngsters with enameled, seamless, and unremovable bands could be introduced on this side of the Atlantic and that same would prove an especially valuable feature in the Futurities.

"But, it seems that breeders of many varieties, notably Barred Rocks, Rhode Island Reds, etc., feel sure they can not select their best birds with any degree of satisfaction or certainty when small, and hence their strenuous objections to the plan. Others seemed to feel that entrants might send the bands issued them to others to use on birds they were raising, and that the affidavit plan of 1912 was much the better plan. And really, there was no reason to change from said plan as it worked beautifully and to the satisfaction of all.

"Therefore anyone having any early hatched and promising chicks will do well to consider the advisability of entering these Futurities. They were a great success last year and will be an annual feature at Allentown hereafter.

"The 1913 Allentown Show, to be held September 23-26, will easily be the best yet. There will be several new features and probably an enlargement of

REGAL RECORD LAYERS



CRUSADER III.

JOHN S. MARTIN,

Regal White Wyandottes have long been noted for their splendid laying qualities. By means of the trap-nest I have developed a strain of birds that are wonderful performers. Scores of letters from customers bear testimony to this fact. I submit the following affidavit from a Michigan customer giving the laying of an exhibition pullet I sold him:

State of Michigan, U. S. A., County of Jackson.

This is to certify that on the eighth day of December, 1910, I purchased of John S. Martin of Port Dover, Canada, one White Wyandotte pullet and that on or about December 20th, 1910, said pullet began to lay and from said date until the 1st of November, I received from said pullet 235 eggs.

State of Michigan, County of Jackson:

Personally appeared before me Fred Koons and makes affidavit that the above, foregoing statement is true to the best of his knowledge and belief.

Subscribed and sworn to before me this 12th day of December, 1911.

(Notary Seal)

(Signed)

Frank J. Wheaton,

Notary Public.

For the season of 1913 I have mated up twenty beautiful exhibition matings all headed by my winners at the New York State Fair and Boston, and containing all my exhibition females.

Prices of eggs from pens 1 to 20, (as they run) \$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100. Pens 5 to 12 are special matings. Eggs from special matings only (as they run) \$10 per 15; \$18 per 30; \$25 per 45; \$50 per 100. **RECORD LAYING PENS** Dorcas Line. Pens 21 to 26 are headed by males bred from females with big records. Some of these males also have exhibition records. The females in the six pens are composed of yearlings with trap-nest records from 180 to 224 and pullets of the same breeding. From these pens eggs are \$5 per 15; \$15 per 50; \$27 per 100; \$50 per 200. Utility matings of vigorous surplus stock, \$5 per 50; \$9 per 100; \$17 per \$200; \$25 per 300; \$75 per 1000. 500 cocks, hens, cockerels and pullets for sale.

SPECIAL—50 big, vigorous, stay-white Dorcas line cockerels \$10, \$15, \$20 and \$25 each. Dorcas pullets, \$5, \$8 and \$10 each. Utility cockerels \$3 and \$5 each. Send four cents in stamps for the Regal White Wyandotte Book, the finest book ever published, dealing wholly with the White Wyandotte.

FREE—20 page illustrated catalogue and mating list. It gives full description of my matings for 1913.

Box W,

PORT DOVER, CANADA

the already large and tempting prize monies. In every way this show will endeavor to live up to its slogan 'Noted for the way it does things and the things it does'.

"For printed matter and entry blanks Great Allentown Fair, 1913, Championship Poultry Futurities, address W. Theo. Wittman, Supt., Allentown, Pa."

RED POULTRY YARDS

In our report of the Camden Show, Camden, N. J., we failed to give the full winnings of the Red Poultry Yards, Chas. H. Ziegenfus, Manager, Bethlehem, Pa. Winnings were as follows: 2-5 cock; 3 hen; 4 cockerel; 1 pullet; 1 pen on Single Comb Reds, and on one entry they were awarded 1st Rose Comb cockerel cup and medal for best bird shown in American classes. They also won cup for best display and gold special in the single comb classes. The Red Poultry Yards now owns all the stock and prize winners of the Pleasant Hill Poultry Yards, having consolidated during the past season. This gives Mr. Ziegenfus a large number of high quality birds and these will all be in his breeding pens for the coming season. Eggs will be priced moderately and those wishing to secure high class stock should get in communication with Red Poultry Yards before placing their order.

J. H. VINCENT

Jas. H. Vincent, Hazleton, Pa., breeder of Buff Plymouth Rocks and S. C. Black Minorcas, reports a very successful show season. At the "Quality Show", Scranton, Pa., he made an entry of Buff Rocks and won 2, 4 cock; 1, 2, 3 hen; 1, 5 cockerel; 1, 3 pullet. At Wilkesbarre he captured 4 firsts, 4 seconds, 4 thirds. At Camden, N. J., 2, 3 cock; 1, 2 hen; 3 cockerel; 4 pullet; 1 pen. This clearly demonstrates that Vincent Buff Rocks have the quality. Mr. Vin-

cent has a grand lot of stock for disposal and also has several fine matings from which he is booking orders for hatching eggs. If you are looking for quality give him a trial. He also has two breeding pens of S. C. Black Minorcas. I examined these birds and they are all anyone could ask for. They have fine color, good head points, with extra long backs, giving that massive appearance so much in evidence in all good Minorcas. A. J. B.

RED-W-FARM REDS

In our report of the Auburn, N. Y. show, we inadvertently failed to mention the winnings of Wadsworth & Castor, proprietors of Red-W-Farm, Wolcott, N. Y. Messrs. Wadsworth & Castor are breeders of R. C. (Bean-Tuttle Strain) and S. C. (Tompkins Strain) Rhode Island Reds. At the above show in January they were awarded on Rose Comb Reds first pen; third hen; third pullet and third and fourth cockerel. They have also been consistent winners at other important shows. They are now booking orders for eggs for hatching from either variety and feel sure they can please readers of A. P. W. who are interested in Reds as they sell eggs from the same pens as they do their own hatching from.

DR. F. PRUDHOMME

At the Baltimore show, Dr. F. Prudhomme, Thurmont, Md., exhibited Campine eggs and won first on them. He also won first at Allentown and the sweepstake at Frederick, Md., on eggs. He won also 2, 3, 4 hen; 2 cockerel; 3 pullet; 1 pen. Dr. Prudhomme reports that with his Campines and their eggs he won at the Palace, New York, Philadelphia, Baltimore, Hagerstown, Allentown, York and Frederick, Md., shows. Send for his printed matter telling about his prices of both eggs and stock. When writing, kindly mention A. P. W.

PEN-Y-BRYN FARM

Pen-Y-Bryn Farms, 87 acres, are devoted to the production of choice S. C. White Leghorns, White Wyandottes and Pekin Ducks under the skillful management of F. A. Tiffany, the efficient superintendent. For the past three years this farm has made a specialty of producing fancy sterile eggs and dressed poultry for market, but owing to the large demand for hatching eggs, chicks and breeding stock from numerous visitors at the farm, the plant has been enlarged and adding more stock to be able to supply customers with vigorous day-old chicks and strong germed eggs for hatching. Readers of AMERICAN POULTRY WORLD in need of first class stock and eggs of the above breeds should send for the excellent practical catalogue just issued by this noted farm. Address F. A. Tiffany, Supt., Ambler, Pa.

J. C. FISHEL & SON'S MATINGS

J. C. Fishel & Son, Box W, Hope, Ind., are mating the finest pens of White Wyandottes ever mated by them, if you can conceive of such quality, as their matings of previous years were as near perfect as they make 'em "in the White Wyandotte business." They are mating up twenty pens, and the price asked for settings is \$10 straight from each and every pen. Pens 3, 4, 5, 6, 8, 11, 13 and 15 are headed by cock birds. Pens 1, 2, 7, 9, 10, 12, 14, 16, 17, 18, 19 and 20 are headed by cockerels. Cockerel heading Pen 1 was bred from a pair mating, and he is a grand bird in every particular. If you will order eggs direct from this article your dates will be promptly met—and it will enable you to get in on earlier shipments.

*** A postal will bring a copy of our Clubbing Catalogue by return mail ***

WILLIAM COOK & SONS

ESTABLISHED 1873

ORIGINATORS of all the Orpington Fowls and Ducks

Box W, SCOTCH PLAINS, NEW JERSEY



Eventually, if after the *Best Orpingtons*, any variety, you will buy from their *Originators*. *Why Not Now?* and avoid loss and disappointment. Our *guarantee* of *safe delivery* and *satisfaction* is backed by a reputation of *forty years standing*. This means much to you.

Send 10c for *Illustrated Catalog* containing history of the Orpingtons and Hints on Poultry Keeping. *Mating List* now ready.

Eggs from our 1913 winners and the *finest Orpingtons* in the world, including our first prize Madison Square, 1913, Buff Orpington Cockerel, **\$20.00 a setting**, three settings for \$50.00. Eggs from fine stock \$10.00 a setting. Several thousand stock birds always for sale.

Remember that *Cook Orpingtons* are recognized as the Best, and if you can advertise "Cook Strain" it will add prestige to your stock and money to your bank account. *Ask the people who own them.*

We have won cups for best display of Orpingtons at every show where we have exhibited this season. See our winners in *Mating List*. Advice free. Inspection cordially invited.

RELIABLE POULTRY YARD CAMPINES

Silver Campines are booming in the East and West, and no doubt they will become favorites in the North and South in the near future. Ohio is taking kindly to this great Belgian Fowl, to judge by the number of breeders that have taken hold of it. Among the latter are Hopkins & Wernicke, Berea, Ohio, proprietors of Reliable Poultry Yards, who made fine exhibits at the recent Cleveland show. Their new mating list gives the winnings and describes the birds in the several pens mated up. As the demand for Campine eggs will be greater than the supply, orders should be sent in as early as possible to Hopkins & Wernicke, who guarantee all eggs sent out by them to be from the pens selected by the purchasers; they will also guarantee 12 fertile eggs from every setting.

EDWARD J. TURNER

The descriptive mating list of Turner's Golden Rod Strain of Rose Comb Buff Leghorns briefly gives the winnings of Edward J. Turner's fine strain of this handsome and useful variety and describes the males and females that compose the three choice pens he has mated up this season. All eggs will be shipped from pens as ordered and will be packed with the greatest care, infertile ones being replaced free of charge. For further particulars regarding this most attractive variety, write to Edward J. Turner, Springville, Maine.

*** The beginner cannot afford to be without a copy of the "Chick Book". In it America's most successful poultrymen give their experience. Send fifty cents for a copy. It may save you dollars ***

A. E. MARTZ

A. E. Martz, Arcadia, Ind., had a display at the Indianapolis Show, Jan. 12-17, 1913, of one pen of his Single Comb Buff Orpingtons, consisting of one male and six females, all of the same shade of beautiful golden buff and as near alike in color and type as peas in a pod. The male was one continuous shade of golden buff, and is without a rival. When it comes to putting golden buff together with gold-ed buff to produce golden buff, A. E. Martz is without a peer. This display pen was one of the attractions of the show. If the females laid every hour of the day, instead of nearly every day for days in succession, he could sell every egg at his own price. Mr. Martz will spare a few settings from this pen, as he has nothing on the side too good for his patrons. Mention A. P. W. when writing.

VALENTINE RANCH BROODERS

The indoor and colony house brooders used on Valentine Ranch, New Brighton, Minn., gave such excellent satisfaction that Douglas H. Wright, the owner of ranch has placed them on sale, and received many favorable reports from operators in all parts of the country. These brooders are built

on correct principles and have withstood the real test of every day use by practical poultry raisers. The new circular just issued by Valentine Ranch fully and clearly describes these indoor and outdoor brooders, which can be purchased at very reasonable prices. Readers of A. P. W. will receive this descriptive circular free by addressing O. C. Thompson, Supt., Valentine Ranch, New Brighton, Minn.

RAISING POULTRY FOR PLEASURE AND PROFIT

Is the title of George H. Stahl's handsomely illustrated catalog of 32 large pages. Complete descriptions of the Stahl Incubator and other well known poultry appliances manufactured and handled by the veteran George H. Stahl, will be found in this book. The Stahl Incubator is one of the pioneer hatching machines of America, one that has proved successful from the start. The 1913 model contains several exclusive patented features, all of which are clearly described and illustrated in the catalog. The latter will be mailed free to all readers who mention AMERICAN POULTRY WORLD when writing for the book to George Stahl, Quincy, Ill.

THE TYPE, COLOR AND FINE POINTS OF SUNNY SIDE SINGLE COMB WHITE LEGHORNS

has been the secret of their success at leading shows. Their superiority was again proven at Pittsburgh, January, 1913, where in a class of 127 single entries and 25 pens they won 1-5 cock, 1-3 hen, 1-3-4 cockerel, 2-3-6 pullet, 2-3 pen. More points than any competitor. Numerous specials including Councilman's Cup for most points in largest class. This is a fitting climax to their long record. I will have 8 small exhibition matings consisting of 6 to 8 selected females each and one of my prize winning males—the above winners are in these pens. Eggs from the 1 to 3 matings \$1.00 each, 4 and 5 at \$10.00 per setting, 6, 7, 8 \$5.00 for 15. Sunny Side Leghorns also have a reputation as egg producers—two matings of quality birds selected for heavy egg production \$3.00 per 15, \$15.00 per 100. Get the Sunny Side strain. They win the blue.

G. L. WHEELER,

Box W,

PENN YAN, N. Y.

"You Should Worry"

ABOUT PLACING YOUR ORDER FOR HATCHING EGGS

Our birds have won in almost every important show in this country and Canada *for our customers*. They have won 35 firsts, 22 seconds, 28 thirds, 18 fourths, 16 fifths and almost 100 cups, specials, etc., in the last three years, at Grand Central Palace, New York, Boston and Philadelphia for us. *They can win for you*. Our record for 1912 has never been approached by any White Leghorn breeder at the big shows. Our winnings are as follows:



AT THE GREAT HAGERSTOWN FAIR, OCTOBER, 1912: Cocks, 1 and 4; Hens, 1; Cockerels, 2, 3 and 5; Pullets, 1, 2 and 3; Pens, Old, 1; Pens, Young, 1; Specials for Best Leghorn Male and special for best bird in the Mediterranean classes and best display.

AT GRAND CENTRAL PALACE, NEW YORK, DECEMBER, 1912: Cocks, 1, 2, 3, 4, 6 and 7; Hens, 1, 2, 3, 4, 5, 6; Cockerels, 1, 2, 3, 4, 5; Pullets, 1, 2, 3, 5, 6, 7; Pens, 2, 3, 4; Specials for best Male and Female, best color Male and Female, best shape Female, best display, and Gold Special for best display of any variety in the show. This win was made in competition with eighteen of our best breeders.

AT THE BOSTON SHOW, BOSTON, MASS., JANUARY, 1913: Cocks, 1, 2; Hens, 1, 3, 6; Cockerels, 1, 2, 3, 4; Pullets, 1, 3, 6; Pen, 3; Specials for best Display, best Male, best Female, best color Male and Female, best shape Male and Female, best head Male and Female, and Special for best bird in the Mediterranean classes. This win made in competition with fifteen other breeders, in the largest show ever held in the United States, proves the quality of our birds.

We can supply hatching eggs at 60 cents each from our best pens, (the same ones we hatch our own winners from) 35 cents and 20 cents each or \$15 per 100, from other good matings.

BUY FROM THE BREEDER THAT PRODUCES THE GOODS

"Actions speak louder than words." Send for mating list and mention A. P. W.

DUNE ALPIN POULTRY FARM,

S. C. WHITE LEGHORN SPECIALISTS,

George J. Kerr, Manager,

Box 561 W,

EAST HAMPTON, L. I., N. Y.

WHAT IS THE FIRST PRIZE BARRED PLYMOUTH ROCK COCKEREL AT THE LAST MADISON SQUARE GARDEN SHOW WORTH?

BY GEO. W. TRACEY

This question on my part is the result of the reading substantially the same interrogation in the New York Sunday World of several weeks ago. The answer or attempted answer to this question was given the space of a whole page, and when a great newspaper devotes a page to the discussion of the value of a chicken there must be good reasons for the great outlay of space. Let us see what caused it. The reporter's version of it was in substance, that in his search for news at the Garden, he came upon a group of men who were discussing the value of a certain bird that was on exhibition. The different values expressed what appeared to him to be such an enormous price for a chicken, that he investigated with the result that he learned that the object of the discussion was a Barred Plymouth Rock cockerel bred, owned and exhibited by E. B. Thompson of Amenia, N. Y. This cockerel won first prize and he was also awarded specials for best colored and best shaped male, as well as the important specials. "The Diploma presented by the American Poultry Association" for best cockerel, and the grand sweepstakes special for champion male. The reporter also learned from the experts present that this bird was one of the best Barred Plymouth Rock males ever produced. Now the question is: what is he worth? To Mr. Thompson, I would say that he is beyond price and I will give my reasons why. The history of Barred Plymouth Rocks teaches us that whenever a sensational male or female is exhibited at the Madison Square Garden Show, he or she proves of great value to their owners, both for advertising and for breeding purposes. Take the case of "Fluffy Ruffles," for instance, if her owner had sold her for \$10,000 he would

have lost money by doing so, but Mr. Welles was too astute a breeder to part with her at any price, and I venture to state that he has sold \$25,000 worth of



One of the most admired Rhode Island Reds at the last Buffalo show was the first prize cockerel exhibited by H. W. Alt. The illustration above gives a fair idea of the excellent type of this fine male, which is one of the richest and most even specimens in color exhibited during the past season.

stock and eggs all directly traceable to "Fluffy Ruffles". If Ernest Kellerstrass had sold "Peggy", I believe that she would have been worth \$25,000 to her purchaser. Mr. Hawkins sold his second prize cockerel at Madison Square Garden several years since to a rival

breeder. He was a bird of wonderful quality, transmitting the same to all his progeny, and he was worth thousands of dollars to his purchaser, and of course, was a corresponding loss to the seller. Now, if "Fluffy Ruffles" and "Peggy" were worth \$25,000 to their owners, I am going to come out flat-footed and assert that Mr. Thompson's great creation is worth \$25,000 and I believe that facts will bear out the statement.

At the 1910-11 Garden show Mr. Thompson, among other prizes, won first cockerel and champion male. He was offered \$2,500 for this cockerel which he refused, and he made money by retaining him. From a pen headed by this bird, he sold eggs for hatching and stock to the amount of over \$7,000. That season Mr. Thompson's sale for stock and eggs amounted to fifty-two thousand four hundred and thirty dollars and it's morally certain that if he sold his first prize cockerel his sales would have been at least fifteen thousand dollars less. The first prize cockerel's value for the coming season is threefold for Mr. Thompson in his egg sales. His sire was second prize cock at the last Garden show and the second prize cockerel is full brother, therefore, it goes without saying that Mr. Thompson can get any price he would care to ask for eggs fertilized by such a wonderful breeder as second prize cock proved himself to be. Then take the sale of eggs fertilized by first prize cockerel, the stock sired by him and the general advertising value of owning such a perfect specimen of a Barred Plymouth Rock. The wonderful interest that is being taken in poultry now-a-days has so attracted the attention of the great metropolitan dailies that anything relating to poultry is just as important news matter for their readers as the sale of a noted trotting horse. We can well picture the amazement of the hustling reporter for the "New York World" when he heard men that knew, rating the value of a chicken well into the thousands.

**This Is A Little Larger
Than The Egg Produced at
The Oakland Poultry Farm
Trenton Junction N.J.**

**But-you can get egg producing and Exhibition
Stock either in hatching eggs or baby chicks
to come somewhere near it from our**

**S.C. WHITE LEGHORNS
S.C. RHODE ISLAND REDS
SILVER PENCILLED ROCKS**

Write for Catalog as above

R. F. D. 3

EDITORIAL NOTES AND COMMENT

J. H. DREVENSTEDT
—STANDARD EDITOR—

Three prominent poultry fanciers have banded together to push a new breed they have been grooming for the boom that is still to come, with the accent on the still. This new breed is as wonderful as it is complex. It is of foreign and aristocratic birth, has hirsute appendages in the shape of feathers attached to its face, sports an immaculate white attire, has pink legs and varies its toeology with either five or four toes according to the supply of toe material stored away by the dam. This easy going distribution of toes has caused one of the promoters many sleepless nights, as some of the new breed trust want five toes, while a select few demand "four toes or bust," and still another little coterie with an eye to the main chance, advise the four-or-five toes and-take-your-choice proposition. If the four-toed adherents win out, the new breed will be compelled to drop its foreign title and assume a plebian American name. We suggest that it be called "Arnorose" in honor of the big three promoters of the breed. We will offer a year's subscription to AMERICAN POULTRY WORLD to the person who first sends in the correct names of three breeders which form the composite word "Arnorose."

—o—

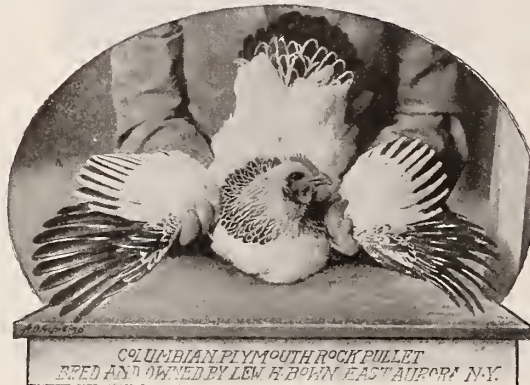
The death of A. L. Sparks, who died at his home in Philadelphia, Pa., on February 3rd, removes from the American poultry fancy one of the most genial as well as earnest fanciers of White Wyandottes this country has produced. To good old Deacon Sparks the White Wyandotte owes much of its popularity today, for we all remember the Ivory Soap Specials offered several years ago on White Wyandottes, and it was due to the efforts of Mr. Sparks as Eastern representative of the Ivory Soap Co., that these handsome specials were annually secured. They certainly did bring out big classes at the leading shows. A. L. Sparks was a true fancier, who loved his White Wyandottes—and they were among the best bred ten years ago—as loyally as he loved his friends. The personification of good fellowship and the soul of honor, all who enjoyed his friendship will miss the cheery smile and genial companionship of this good old poultry fancier. White Wyandottes and their admirers lose in the death of A. L. Sparks one of their best friends.

—o—

We clip the following paragraph

from the English "Poultry World" of February 21st:

"To give our readers some idea of the magnitude of Bantam cultivation, it may be of interest to note that at the Great International Poultry Show held at the Crystal Palace last November, there was a magnificent and astounding total entry of 1,926, yet the number of birds actually on view was 2,152, as two classes in the Belgian section were for breeding pens of seven birds each—what a valuable collection of miniatures! To those of us who had the pleasure of seeing them, it was a source of great delight to behold such a charming array, some so quaint in form and feather, whilst others were true diminutive images of those bigger and bolder specimens from which they had de-



Standard Columbian Plymouth Rock color markings of the neck, tail and wing feathers of the female, are faithfully reproduced in the above illustration, made from a photograph of one of L. H. Bown's great hens. These markings are as near ideal as will be found on a living specimen.—J. H. Drevenstedt.

rived their origin."

Bantam culture in the United States in comparison with the above remarkable showing of our English cousins, makes a lamentably poor showing. It is true that at several large eastern shows, good classes of Bantams can be found, but they are not as large as they should be. The fact is, Bantams as well as some of the larger ornamental breeds have temporarily been crowded out by the popular American and Mediterranean varieties, due to the commercial wave that has spread over the poultry world of this country in the past decade.

Yet, Bantams can be bred for pleasure and profit where large breeds cannot be kept, and what will help make a fancier of a boy or girl more rapidly than the presentation of a pair or trio of Bantams? It is not only the pleasure derived from keeping the little pets, but the training they receive in caring for them. The boy who becomes attached to his

Bantams and learns how to breed and care for them successfully, will be the man who will succeed with the larger breeds of poultry, should he in years later decide to engage in the poultry business. It is the men that graduate from the boyhood fanciers' school that make our best poultrymen.

We are glad to note an increasing interest in Bantam Culture manifested by poultry fanciers in the East, and we look forward to larger and greater classes at the shows in the future. The National Bantam Association has done excellent work in bringing out strong classes at the club shows in the past few years, but we would like to see all poultry shows offer better inducements to Bantam exhibitors in the future. The little Bantam must pay the same entry fee as its big brother or sister, but rarely, if ever, gets a complimentary slice of the juicy specials offered.

—o—

The poultry judges of England are subjected to the criticism by exhibitors the same as our American judges are, only perhaps they are even more severely criticised overseas than in this country. If these so-called criticisms were confined to errors of judgment, all well and good, but unfortunately they are not, the real complaints being veiled insinuations reflecting on the integrity of the individual who places the awards. Suggestions are freely offered how to remedy an evil, imaginary or otherwise, or in other words adopt methods to prevent collusion between judges and exhibitors. In a recent issue of "The Poultry World," England, a correspondent who signs himself "Richard Evans", remarks:

"I beg to ask for a small space in your paper once again, seeing that Mr. T. P. Henden and myself are so far from the same opinion.

"According to his opinion, a judge must have a catalogue with number and owner's name before he can decide on the merit of the exhibit. I am sorry to say that my opinion is quite the reverse. I maintain that catalogues with owners' names should be kept from all judges until after the awards have been made, and prize tickets put on the winners.

"Also pen numbers and owners' names should be turned face downwards until the tickets are put on; put on by the steward in charge. I fail to see why this cannot be done the same as at horticultural shows where owners' names and numbers are put underneath the trays or dishes

I have issued a mating list that contains an innovation for 1913 that should interest every one in—

NIXON'S WHITE WYANDOTTES

Don't overlook the fact, that for 20 years I have produced the quality Dotties, and my strong win at the big Albany Club meet of First Pen, First Hen, etc., stamps them as 20th Century leaders. Don't place an order until you get my List FREE.

CHAS. NIXON, JUDGE AND BREEDER,

Box 500,

WASHINGTON, N. J.

until the awards are fixed and then put on top with prize tickets.

"Of course, all exhibitors should be kept from the building until all the awards have been made. As Mr. T. P. Henden says, exhibitors are afraid they do not get fair-play: I am sorry to say they have a very good reason to fear in many cases, and until names and numbers are kept from judges they will always have cause to fear. Surely, a judge should know the merit of an exhibit without knowing the owner of it!

"I have long ago refrained from exhibiting, and shall continue to do so until I see a little more justice shown."

Another correspondent under the convenient non de plume "Old Judge" contributed his views as follows:

"Numbers ought not to be on the labels. Neither judge nor exhibitor ought to know the numbers. But, alas! the keeping back of numbers wont do everything. I was judging a show the other day, and when the birds were handled, former private marks were to be seen on most of the best ones—cut feathers, pinched webs, etc., etc."

The above little paragraph "sizes up" the situation in a nutshell. A crooked exhibitor will always find the ways and means to make the identification of his exhibits possible for the receptive judge of easy conscience. No laws can be enacted or rules established that will transform crooked exhibitors and crooked judges into honest men. Restrictive measures, such as judging exhibits behind closed doors and by the numbers on the cages as the only means of recording the awards, may help the weak-kneed judges in their work, but the fellows that throw the prizes to their friends (?) will have no trouble to locate the exhibits of the latter.

Personally, we favored open judging many years ago, i. e., with exhibitors' names on the coops, so that it was up to the judge to select the best birds regardless of the fact that the ownership card stared him in the face. We tried this method at a show we were secretary of and it worked well in most instances, but it was not popular, so was dropped for the present system, which allows only coop numbers to be used as a means of identification. The fact, however, of catalogues being printed and distributed or sold before the judging begins, to a great extent, destroys the number system. But, to the judge who has the requisite backbone or courage of his convictions, and who



Enjoying the freedom of a large and well-shaded range may be seen a part of the 1500 S. C. White Leghorn breeders at Pen-Y-Byrn Farm, Box 36 W. Ambler, Pa. The leading strains of S. C. White Leghorns, including the Young, Wyckoff and Blanchard strains, are bred here.

places the bird above the man always, any old system will be satisfactory.

—o—

The American Standard of Perfection is to be revised and a new edition printed in 1915. The work of revision has been entrusted to the following sub-committees of the 1915 Standard Revision Committee appointed by the American Poultry Association:

Plymouth Rocks and Dominiques—

W. S. Russell, A. C. Smith, E. C. Branch,

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

Wyandottes—J. H. Drevenstedt, W. C. Pierce, W. S. Russell.

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

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

Houdans, Creve Coeurs, La Fleche—

**ORDER NOW EGGS FROM
HIGHLAND FARMS,
R. D., YORK, PA.**

**SILVER CAMPINES
BARRED ROCKS
WHITE ROCKS
S. C. WHITE LEGHORNS**

Eggs for Hatching from our S. C. REDS

WILL MAKE YOU HAPPY NEXT SHOW SEASON

It has proven to be a sure thing. Send for Mating List.

Dearborn & Sharpe, Blairstown, N. J.

FAIRFIELD BUFF ORPINGTONS

Send for my illustrated catalogue before you buy stock of any variety. I can start you with the best strain. Find out the reasons at my expense.

My Buff Orpingtons are easily superior to all others. I can send you the proof in attractive form.

Photographs and records instead of assertion. Prices reasonable. Liberal guarantees on eggs. Stock shipped on approval.

FAIRFIELD FARMS,

A. S. WHITE, Prop., Box B, FAYETTEVILLE, N. Y.

BIRD'S PARTRIDGE ROCKS

Won All Firsts and Specials at Madison Square Garden, Jan. 1913.

This remarkable record, with their decisive victories at New York, 1910-11 and Hagerstown, 1911-12, give them a grand total of 21 of the 23 firsts competed for, and stamps them as America's Undisputed Champions. Their utility is equal to their beauty. The greatest prize winners and best breeders for you. Write your wants. Catalog and Mating List for stamp.

BRONZE TURKEYS

Won All Firsts at Hagerstown, 1912 and Madison Square Garden, 1913

Making a grand total of 21 of the 24 firsts at 6 great shows in 1910-11-12-13. If interested in the World's Best Bronze write your wants. We will please you at right prices with the best exhibition and breeding birds we ever offered. Catalog for stamp.



First Prize Cockerel, Madison Square Garden, Dec. 1911



First Prize Bronze Tom, Madison Square Garden, Dec. 1911

BIRD BROS.,

Box H,

MEYERSDALE, PA.



DOWN IN SUNNY TENNESSEE.

In the above picture W. E. Love, Jr., 1129 Union Ave., Memphis, Tenn., is seen in a characteristic attitude among his favorites, the Barred Plymouth Rocks. While Mr. Love is yet a young man he has mastered the science of breeding this variety and his productions have won many honors at important shows.

W. C. Pierce, A. C. Smith, W. S. Russell.

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

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

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

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

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

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

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

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

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

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

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

Glossary of Technical Terms—R. V. Hicks, A. C. Smith, J. H. Drevenstedt.

Orpingtons, Dorkings, Redcaps—R. Oke, J. H. Drevenstedt, W. C. Pierce.

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

The first meeting of the Revision Committee will be held some time this summer, presumably where the A. P. A. holds its annual sessions. Considerable preliminary work has been done by the several members of the above mentioned committee, but much more can and must be done before the members meet. It rests with the specialty clubs and individual breeders to get busy and rake the old Standard over with a fine tooth comb to discover defects in text and illustrations that should be removed and replaced by more correct word descriptions and more typical portraits

of breeds wherever found and needed. That the present Standard needs a thorough overhauling, no intelligent student of Standard-bred poultry will

deny. Considerable progress has been made in the shape and color of many of the popular varieties so that higher Standard ideals must be established as well as more rational laws laid



\$2.50 For This Hover That Will Take Care of 50 Chicks

A first class hover in every respect, made of No. 26 gage galvanized steel and will last for years. This hover can be applied to any colony coop or box in ten minutes, a perfect hot water system, a warm flannel to lay on the chicks backs, flannel is kept warm by water tank above, chicks can't pile up, lamp fumes can't get to the chicks, chicks can't get to the lamp, don't use the old hen to brood chicks when you can get a hover for the price asked. We have larger Hovers and Incubators and 36 different articles that all poultrymen need—get our book of valuable information to poultrymen. Shipping weight by Parcel Post, nine pounds.

WENDELL INCUBATOR CO.,
56 Main Street, HOLLY, MICH.

CHAMPIONS OF NEW ENGLAND
HILL CREST FARM'S S. C. BUFF LEGHORNS

Winners at South Paris, Me.; Rockingham Fair, Salem, N. H.; Mt. Holly, N. J.; The Great Brockton Fair; Holyoke, Mass.; Providence, R. I.; Brunswick, Me. and the Great Maine State Show, Portland, Me. Eggs for Hatching. Write for Mating List.

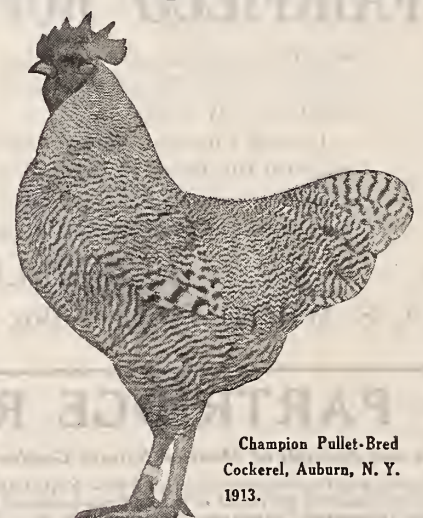
HILL CREST FARM, Box 86, NORTH GORHAM, ME.

REDNEY RHODE ISLAND REDS ROSE COMB EXCLUSIVELY
THEY ARE THE TOP NOTCH OF UP-TO-DATE REDS

They win for me and they win for my customers, at New York and other leading shows. Eggs from my "champion" and "prize mating" pens, \$25, \$15 and \$10 per 15 eggs, also \$5 per 15 to \$25 per 100 eggs. High class utility eggs \$3 per 15 to \$12 per 100 eggs.

J. ALVAH SCOTT, Red Specialist, OSSINING-ON-HUDSON, N. Y.

Douglas Barred Rocks



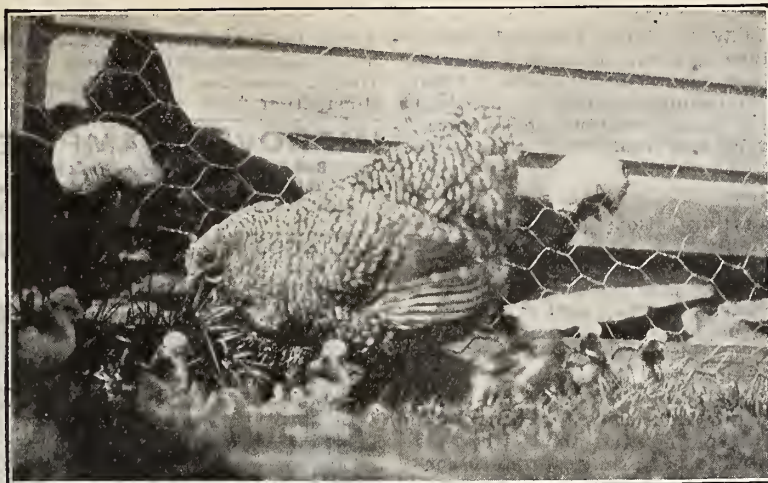
The Famous Silver Cup Winners

Are again victorious, sweeping all before them wherever shown. Their record breaking win at the great Auburn, N. Y., Show, together with their clean sweep at Geneva and Rochester, N. Y., puts them in a class by themselves. At Auburn they won 1, 2 cock; 1, 2, 4, 5 hen; 1, 2, 3 cockerel; 1, 2, 3 pullet; 1, 2, 3, 4 exhibition pen; 1, 2 pullet bred males; 1 cockerel bred female; all cash, shape and color specials; three Association Cups and State Cup offered by National Barred Rock Club.

Eggs from either cockerel or pullet matings, \$3.00 per 15.

H. B. Douglas, Mgr., Hannibal, N. Y.

Glenholme Farm, Gananoque, Ont. Canada
S. C. White Leghorns, Champions of Canada. Eggs. Send for 1913 Mating List.
G. H. BULLOCH, Proprietor, WM. FERGUSON, Manager



In the above picture Madam Polish has been supplanted by Mrs. Plymouth Rock as the mother of the dainty little white crested chickens. The photograph from which the above illustration was made was taken on the poultry farm of Wesley Baldwin, Walton, N. Y., one of America's most successful breeders of White Crested Black Polish.

down for judging several of the older varieties that seem to have drifted away from the accepted Standard and are bred to meet the standards set up by individual breeders.

The article on Barred Plymouth Rock Color Revision which appears on another page of this issue, should be carefully read by every breeder of Barred Plymouth Rocks in the country. The opinions expressed and the suggestions offered in this article are such as to command the attention of the breeders of the popular old American breed, no matter whether they agree with the views expressed or not. A thorough discussion of this important subject will bring out the true facts that should govern the laws of breeding and the rules of judging the Barred Plymouth Rock fowl, if the best interests of the latter are to be guarded in the future. We started the ball rolling on the Barred Rock alley, because it is the first and probably the most important one the Revision Committee will begin on. AMERICAN POULTRY WORLD opens its columns to breeders of Barred Rocks and invites them to frankly express their opinion on Mr. Latham's new color Standard. In succeeding issues, other breeds that "need repairs" will be taken and discussed with same object in view, viz: To arrive at the correct description for the type and color markings that prove acceptable to the rank and file of American poultry fanciers.

—o—

What in our opinion will prove the most difficult work of all, is the selection of satisfactory illustrations for the 1915 edition of the American Standard of Perfection. While the present Standard contains some very good illustrations, it also is burdened down with many others that do not

represent the modern breed ideals in type and fail also in several instances to clearly delineate the color markings. Some of the feather sketches can be dispensed with and true pictures made from ideal feathers by the photo-engraving process substituted.

Furthermore photo-engravings showing the color markings of the

The NOXALL Stitcher



For sewing belts, harness, straps, shoes, awnings, carpets, etc. Simple to use—strong as steel. Makes quick serviceable, lasting repairs. Pays for itself in short time. Has new tension adjustment, not found on any other awl. Bobbin enclosed. Other improvements. Needs no wrench or screwdriver to tighten. Supplied with bobbin of thread and full set diamond point needles, including new shoe tapping needle. Very durable, will last a lifetime.

Price, \$1 Prepaid. Order a Noxall Today!
J. W. Scott Hdw. Co., 37-W Warren St., New York

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c, Cape Worm Extractor 25c, French Killing Knife 50c. Capon Book Free. G. P. Pilling & Son Co., Philadelphia, Pa.

The Use of The Orange County Poultry House

enables one to live in the country, lie in bed as late as his banker does if he wishes, work less hours than his carpenter does, and draw bigger pay than his plumber does. Come and see how it is done if you can. If not send for catalogue.

O. W. MAPES,

MIDDLETOWN, N. Y.

SILVER CAMPINES

KENNEDY STRAIN

Eggs for hatching \$3.00 per setting of 15.

A. L. HINE,

W. Market Street,

AKRON, OHIO

BABY CHICKS AND HATCHING EGGS

	Per 100	Per 100 in 500 lots	Per 100 in 1,000 lots
S. C. RHODE ISLAND REDS			
Eggs for Hatching,	\$ 8.00	\$ 7.00	\$ 6.00
Baby Chicks,	14.00	13.00	12.00
S. C. WHITE LEGHORNS			
Eggs for Hatching,	7.00	6.00	5.00
Baby Chicks,	12.00	11.00	10.00
PEKIN DUCKS			
Eggs for Hatching,	8.00	7.00	6.00
Baby Ducklings,	25 cts. each	23 cts. each	20 cts. each

Our **White Leghorns** and **Rhode Island Reds** are bred for size, the production of large eggs and early maturity. Our **Pekin Ducks** are noted for their size and wonderful egg production. Our hatching facilities place us in a position to fill baby chick and baby ducklings orders promptly. Send us your orders, we guarantee satisfaction.

FAIRVIEW FARMS CO., Robert Herman, Mgr., ORCHARD PARK, N. Y.

BABY CHICKS

M.F. & H. 200 EGG STRAINS M.F. & H.
Midlothian Strains are the best laying strains of S. C. White and Buff Orpingtons, White and Barred Rocks, Single and Rose Comb, Rhode Island Reds, White Wyandottes and S. C. White Leghorns. Our stock is TRAP-NESTED and BRED EXCLUSIVELY FOR EGG PRODUCTION. We have in our pens MANY CHAMPIONS from the Missouri Egg-Laying Contest, including "LADY SHOWYOU," with a record of 281 eggs. Prices: Eggs, 10c, 20c, and 30c. Baby Chicks, 20c, 35c, and 50c. Stock, \$2.00 to \$15.00. Write for 48-page catalog describing "BRED TO LAY" and MOST SUCCESSFUL poultry plant in this country. WE TRAP-NEST 800 HENS AND PULLETS ANNUALLY. HOME OF THE INTER-OCEAN MIDLOTHIAN FARM EGG-LAYING CONTEST
MIDLOTHIAN FARM & HATCHERY TINLEY PARK ILL.

EGGS AND STOCK

neck, back, tail, wing, breast and body sections of the best obtainable living specimens can be made and used to illustrate the Standard description. As an example of this kind of an object lesson, we reproduced on page 520 a photo-engraved portrait of a Columbian Plymouth Rock hen, which shows the color markings of the neck, tail and primary and secondary feathers. A. O. Schilling photographed this fine specimen, kindly furnished him by Mr. L. H. Bown, in his studio, mounted the picture for the engravers who did the rest. The result is a true representation of the color markings found on this Columbian Plymouth Rock hen, no changes were made in the different sections, the only retouching done being to eliminate the shadows produced on the picture by the camera. An enlarged picture of this study in color markings would bring them out more sharply and clearly no doubt, but this small illustration serves the purpose of showing what can be accomplished in illustrating true to life, the important color sections of parti-colored varieties.

We also call attention to the illustration on page 493 of this issue, of a Buff Wyandotte cock. The latter was photographed by Mr. Schilling and is reproduced without any changes being made in the outlines of the bird whatever. As we stated in the foot note under the illustration, true Wyandotte type is embodied in this bird. One such a study from life is worth a dozen of the so-called ideal drawings. The latter are drawn to meet the various views of breeders for which the artist should not be held responsible. The Wyandotte illustrations in the present Standard may find favor with a few breeders, but to the majority of fanciers the graceful curved lines of the true Wyandotte are not harmoniously blended in the different sections and as one keen student of type remarked to us recently: "They are all balled up". Compare the Wyandotte males illustrated in the present Standard with the "Diagram of Fowl" on page 17, and the latter will prove to be the true Wyandotte in form that the Standard describes and the majority of breeders demand. New Wyandotte illustrations should be incorporated in the next Standard, and these should be made from living models. That the latter exist, the magnificent speci-

mens of White, Silver Penciled, Black, Partridge and Buff males and females exhibited last winter prove. Ideal shape and almost perfect combs could be seen in the winning cocks, hens, cockerels and pullets of the above mentioned varieties.

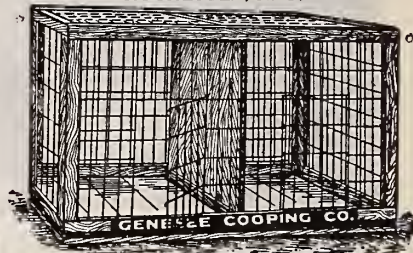
Other illustrations in the Standard that should be eliminated are those of the American Dominique male and female. The true Dominique type and color markings were well represented in both male and female specimens at the recent Boston show. We are safe in asserting that Secretary Carter as well as all other officials and members of the American Dominique Club will aid the poultry artist who has this work to perform, to produce correct portraits of the breed, by furnishing the living models for the camera. This old American breed is regaining some of its former popularity owing to its excellent utilitarian qualities and the fact that it repro-

duces its kind more generously than any other parti-colored breed or variety. But the Standard text and illustration must fit the breed rather

IMPROVED CAMPINES

Best Silvers of English and American Stock.
Eggs \$4.00 per 15; \$7.00 per 30; \$10.00 per 45. Circulars
ROBT. D. CLEMANS, MECHANICSBURG, OHIO.

GENESEE COOPING CO., ROCHESTER, N. Y.



Manufacturers of exhibition Poultry and Pigeon Coops of every description. Shows cooped on rental a specialty.
GEO. W. WEBB, Mgr., 34 Weldon Street

Handsome Cloth Bound Catalogue for Stamp.



P. O. Box 141-B, Anchorage, Ky.

WHITE LEGHORNS ORPINGTONS WYANDOTTES

MAYWOOD WHITES ARE WHITE.

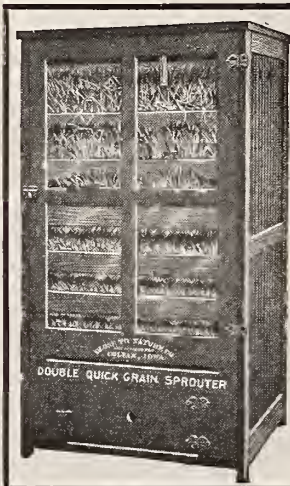
WARD'S ROSE COMB REDS

make clean sweep at Olean, N. Y., winning 2 sweepstakes upon best pen and pullet, 1st and 2nd pullet, 1st and 2nd cockerel, 1st pen, special for best colored male and female, only five entries, 1st pullet scoring 95¾. by George Webb, the highest he ever scored in Reds. Eggs for hatching at reasonable prices.

JESSE WARD,

Erie Wyoming Phone,

CHAFFEE, N. Y.



Eggs-Sprouted Oats-Eggs

To meet the great demand for eggs this spring—eggs of high fertility for hatching—feed the hens something green, and there is no green feed the equal of the living, vitalizing, growing, **SPROUTED OATS**.

Eggs of a high per cent. of fertility mean chicks of great vitality—chicks that live and grow.

To force chicks growth, to bring the young pullets to the laying stage, to develop fries and broilers quickly, feed the chicks germinated wheat.

To get great quantities of Sprouted Oats and germinated wheat quickly, buy a

DOUBLE QUICK GRAIN SPROUTER THE PERPETUAL POULTRY SILO

A veritable hot-house, growth-forcing machine. Makes two to four bushels of feed from one of grain. Soon pays for itself in the feed it grows and the increased egg yield. Sprouted in 24 hours and forces growth of 2 inches and more daily. The Double Quick is the original grain sprouter, now three years old, several thousand being in use in every part of the United States and Canada, and is endorsed by hundreds of users.

Made in six sizes from a few hens to 1,000. Send for complete booklet on the grain sprouters and sprouted oats.

CLOSE-TO-NATURE COMPANY, 48 Front St., Colfax, Iowa

ARE YOU LOOKING FOR

The Best White Rocks

A Square Deal and the Real Facts.

At the Great New York Shows this Season my strain won more on young birds than any other four breeders; the product of my matings last season beat everything that could be produced in the east. This shows my matings were right.

My matings this season are by far the best I ever owned and will produce the winners for America's best shows the coming season.

A limited number of eggs for sale, the quality kind. Mating list for a stamp.

L. C. BONFOEY,

Box A,

Vernon, Conn.

than satisfy the imagination of those who have never bred or seen a genuine Dominique.

—○—
John W. Ward, Jr., Pennington, New Jersey, is stirring up the Cornish fancy in rare form. Mr. Ward is not only one of the most expert breeders as well as a most successful exhibitor of the grand old Cornish fowl, but he is one of the best judges of the breed that has entered the field in recent years. A first class judge of Cornish must know the type thoroughly, for shape is all important in this breed. No breeder has studied the characteristic features of the Cornish fowl more closely than John W. Ward, Jr. This we discovered in our talk and correspondence with Mr. Ward. We are therefore glad to learn that Mr. Ward will take up judging Cornish in the future, as men of his ability are needed at our shows to award prizes in such warm classes as the Cornish are destined to be in the future. We also hear that Mr. Ward is going over to England next August in the interest of the Cornish breed, so fanciers of the latter may expect some real doings in the big shows next winter.

—○—
On another page of this issue we tell what we know about Louis Lee Haggin's White Orpingtons and what an ideal poultry farm Russell Cave Poultry Yards is acknowledged by everyone to be. But there is something more to add, as the following telegram received March 15th from Mr. Haggin shows: "Have just received advice from Missouri National Laying Contest stating my pen number fifty-six entered as Kentucky, won cup for February. One hundred and ninety-five eggs. Can't keep Kentucky Horses and Hens from winning."

This is a big feather in the cap of the master of Russell Cave Poultry Yards, who breeds White Orpingtons that not only hold their own in the showroom, but hold the egg laying record against all comers.

MANKATO INCUBATORS

One of the largest pure bred poultry farms in the country is owned in connection with the factories of the Mankato Incubator Co., at Mankato, Minn. This means that the incubators and brooders made by this concern are put to the most thorough, practical tests before they are placed in the hands of buyers. Incubators and brooders marketed on this plan are no longer experiments, but the result of experience. There is nothing uncertain as to what they will do. They must prove their worth in actual operation on the company's own farm before they are turned over to purchasers.

Twenty years of poultry success are back of Mankato incubators and brooders. The mistakes have been made, and

overcome. The strong points have been discovered, and proved. Demonstrations that were a part of the company's own poultry experiences have established the worth of each feature, and this twentieth anniversary year is showing a marked and deserved increase over any other year in the concern's history.

It is safe to say that the points which have made "Mankato" profitable for the practical poultrymen who manufacture it will prove profitable for others, whether they be skilled in poultry raising or mere beginners. A fine catalogue telling why Mankato has succeeded, and what it will do for others, is sent to anyone who asks for it.

VIERHELLER BROS.

Vierheller Bros., 71 Sylvania Ave., Pittsburgh, Pa., have issued a very attractive mating list showing illustrations of their prize winning Buff Rocks at prominent shows east and west. This concern has made an enviable reputation since it has been breeding for show room honors and has made a truly great record. At the recent national meeting of the Buff Plymouth Rock Club held at Springfield, Ill., January 6-13, in competition with over 300 birds, they won the National Cup for the best cock, hen, cockerel and pullet and special for best pen, special for best pullet and numerous other awards. Their birds have also been winners at Chicago, Pittsburgh, Hagerstown, Allentown, etc. They have mated about seven pens for the egg trade and are selling eggs from \$3.00 per 15 upwards. Every breeder of Buff Rocks should send for a copy of their folder. Please mention AMERICAN POULTRY WORLD.

MONEY MAKERS
35 varieties. Chickens, Ducks, Geese, Turkeys, O. I. C. Hogs. Fine stock and eggs at low prices. Big illustrated circular and beautiful picture, 16 x 20, in colors, only 10c. Don't miss it.
JOHN E. HEATWOLE, HARRISONBURG, VA.

Book on Dog Diseases
AND HOW TO FEED.
Mailed FREE to any address by the author.
H. CLAY GLOVER, D. V. S.
118 W. 31st Street, NEW YORK

HERE IT IS FOR \$4.00



A GREAT BIG HAND GRINDER
that will save its cost several times a year and will furnish one to two bushels per hour of fresh ground corn, oats, peas, dry bone, oyster shells, nut shells, dry stale bread, etc., for poultry feed, or will grind table meal for family use.
A child can operate it. Thousands sold annually. Shipping weight 40 lbs.
We also build a full line of Power Feed Mills, Samson Wind Mills, Gasoline Engines. Ask for catalogs, stating line in which you are interested.
Stover Mfg. Co., 321 Plymouth St., FREEPORT, ILL.

J. F. BURLEIGH, Box 93, VERNON, N. Y.

Breeder of Exhibition Rose Comb R. I. Reds. Winner of highest honors at New York State Fair, Utica and Buffalo International. At last Grand Central Palace Show—2nd exhibition Pen, 2nd Pullet. Eggs from best matings \$3.00 and \$5.00 per 15.

HAVE YOU TRIED IT?

The new process of cleaning lice, nits and sickly germs from your old and young chickens—no harm done, no stunting the growth, but cleans feathers of all dirt grease and stain. Quart can \$1.00. Every can sold on a guarantee. Please remit by P. O. Money Order.

Feather Cleaner Manufacturing Co., Wm. Sellers, Manager, R. 10, Nashville, Tennessee

HUSTON'S IDEAL BARRED PLYMOUTH ROCKS

The quality of my matings, would warrant double the price I am asking you. 15 eggs \$5.00; 30 eggs \$8.00; 100 eggs \$25.00.

Send for my Free Illustrated Mating List.

JAMES T. HUSTON, Box L, WILLIAMSPORT, PA.

WELLINGTON RED STRAIN ROSE COMB REDS

Won 1st, 3rd and 4th Hens, 1st, Pullet and 3rd Cockerel, Silver Cups for Champion Female, for Best Pullet and for Display, Shape and Color Specials on Females at

THE CLEVELAND ARMOY SHOW

January 1913. Wellington Reds have that dark brilliant even surface-color and strong deep under-color together with the long horizontal bodies that all Red breeders are striving so hard to get. EGGS and BABY CHICKS from our matings that contain the best blood lines in America at prices that will surprise you. WE PREPARE THE CHARGES ON ALL OUR EGGS AT REGULAR PRICES. Write for free illustrated Mating and Price List.

WELLINGTON RED FARM, E. W. Phillips, Prop., Box W, WELLINGTON, OHIO

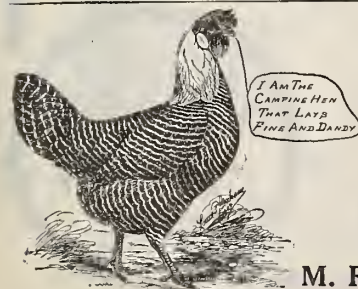
JACOBUS IMPROVED

SILVER CAMPINES GOLDEN

ORIGINAL INTRODUCER IMPROVED INTO AMERICA

At the Madison Square Garden, New York, I won \$50 Sterling Silver Cup, January 1912 and also January 1913 for Best Display American Bred Silver Campines. My birds laid white eggs that won first prize at Boston 1910, 1911, 1912 and 1913. Competition open to the world and eggs of all breeds. Consider carefully and start right.

M. R. JACOBUS, Box 3-W RIDGEFIELD, N. J.



RUSSELL CAVE POULTRY YARDS

By J. H. Drevenstedt

(Continued from page 501)

his time and energy to the one specialty in any live stock branch that he believes to be the best for his purpose. He selected White Orpingtons because he believed them to be the most profitable of all varieties, owing to the fact that they are the most popular breed and variety of today, and therefore command a higher price than others, and furthermore claims they are big layers during winter and spring when eggs are high; mature rapidly, attain great size and possess delicious, juicy white meat, that appeals to epicures. They are hardy and active as well as tame and easily kept on both large and small farms.

Russell Cave White Orpingtons are bred with great care and accurate trap nesting of each laying hen, so a complete and accurate record of the matings is to be had in the progeny. All birds can not be show specimens, but all must have strong blood lines back of them from their great ancestors, so Mr. Haggin breeds by the theory that like begets like in poultry as well as in horses and men.

POULTRY BUILDINGS AT RUSSELL CAVE

As Louis Lee Haggin aptly remarks in his new and beautiful catalogue, "One of the most important things in raising thoroughbred stock is to have them properly housed and give them good runs. I have given this subject great thought." The last sentence is characteristic of the owner of Russell Cave Poultry Yards, for no poultry fancier thinks more or harder than Mr. Haggin when making his plans for the future. Last year he tore down all old buildings and built a modern poultry plant, up to date in all sanitary arrangements for his birds. The houses are built with long windows, so that the fowls have plenty of fresh air and sunshine. The runs have a perfect slope which insures ideal drainage. Many novel fixtures of Mr. Haggin's own construction will be found in his poultry houses, which are labor saving devices and above all add to the cleanliness and comfort of the birds.

The houses are ideally located in a beautiful orchard carpeted with a dense growth of blue grass that furnishes the best of green forage throughout the year, and which is largely responsible for the rugged health, size and stamina of the birds. Mr. Haggin last year doubled the capacity of his plant by building the following houses: Cocker house, 40x16 feet, with twenty pens 8 ft x 4 ft; breeding house, 200 ft. by 24 ft. divided into eighteen pens and feed room; show room, incubator cellar, wash room and office, besides ten colony houses. Ask Mr. Haggin to what he attributed his remarkable success in producing such superior White Orpingtons, and he will reply, "I attribute my great success to Kentucky, which is synonymous in this

country for the best in thoroughbred stock. It matters little what animal, or fowl it may be, Kentucky is the home of the highest grade of stock and is recognized as such by all breeders. My birds in the summer have the largest blue grass range of any poul-

try plant in the world, as my farm consists of 1,100 acres, of which 90 per cent is in blue grass."

But Louis Lee Haggin modestly forgets to mention that the master of Russell Cave Poultry Farm is after all the real instrument of success, for

PENSYL'S WHITE ORPINGTONS Win at Bloomsburg, Allentown, Scranton and Madison Square Garden, New York, besides winning \$100 00 Challenge Orpington Cups and Specials at 3 shows for best bird in the show. Stock and Eggs for sale. Write for our winning in full.

C. L. PENSYL,

Box W,

BLOOMSBURG, PA.

DAY-OLD BABY CHICKS



of all leading varieties at lowest prices. S. C. White Leghorns of high record laying strain a specialty.

Write for Catalogue and Price List.

New Washington Breeding & Hatching Co., New Washington, Ohio

BUFF ORPINGTONS

DARST'S IMPORTED STRAIN WIN AT

Ohio State Show, Seven Prizes. Ohio State Fair, All Prizes.

Cleveland Show, 1912, Two Prizes on Two Entries.

Stock and Eggs for sale.

Best Eggs \$5.00 per 15.

C. N. DARST,

JACKSONVILLE, OHIO



Chase's Champion R. & S.C. Black Minorcas and R. C. Brown Leghorns



again prove to the poultry world, their super-excellent qualities, by winning at the Great Chicago Show, in the hottest competition. 6 lts, 7 2ds, 3 3ds, 1 4th and 3 5ths. Beyond doubt we stand head and hands above all our competitors, as we have been winning for years at the best shows in the country, also supply winners for our customers. We are offering for sale 1,000 cocks, hens, pullets, and cockerels. Some of these birds will win in the best of competition, others will make the best of breeders and layers. Remember, all stock sent on approval. You must be pleased or the deal will cost you nothing. 40 breeding pens have been mated for egg trade, therefore, we can supply them in any number. We have installed a large incubator, so your order for day old chicks can be filled for any number. All eggs guaranteed fertile. We will replace dead chicks free. We have a

SPECIAL PROPOSITION

to offer every honest person interested in poultry. If you are going to start raising poultry, or want more stock, eggs, or chicks, write to me at once, as we do not require all cash with order. Our big catalog and poultry book, full of good practical poultry knowledge, sent for 5 red stamps. Price and mating list free.



EDGEMONT POULTRY FARM, W.O. CHASE, HILLSBORO, ILLINOIS. BOX 2

215
EGGS
A YEAR

A flock of 31 Pullets grown from our Chicks averaged 215 Eggs a year in the hands of a customer-an amateur.

MOUNT PLEASANT FARM SINGLE COMB WHITE LEGHORNS BRED-TO-LAY

DAY OLD CHICKS EGGS FOR HATCHING
500 COCKERELS 2⁰⁰ EACH

We Guarantee Safe Delivery
Day Old Chicks

We Replace all Infertile Eggs
MOUNT PLEASANT FARM
MT POCONO PA

READ
OUR NEW
BOOKLET
FREE

granting, that all the greatest natural advantages in respect to climate, soil and blue grass pasture exist, it is the intelligent labors and clean cut business methods of Mr. Haggin to which the great success of his poultry plant is due. The day we first met him and on numerous occasions later, we felt that he would succeed in the poultry business for he was blessed with the three business assets, viz: ability, energy and principle. A visit to Elmen-dorf Farms and especially a close inspection of Russell Cave Poultry Yards with the proprietor as the guide will convince every intelligent poultry raiser that there is money in raising standard-bred poultry when conducted on the lines followed by Louis Lee Haggin.

BROODING CHICKS AND GROWING GREEN FOOD

The poultryman's chief problem is not the hatching of chicks, but the brooding of them. With proper care and ordinary common sense, almost any incubator will yield a good hatch. To carry through the trying babyhood days a high percentage of the chicks delivered by the incubator—this is the real test.

The makers of the International Sanitary Hover (The International Poultry Sales Company, Brown's Mills, N. J.) claim that it will raise a higher percentage of healthy, active chicks than any other brooding device ever invented. The claim is backed up with volumes of testimony, including the tributes of Kellerstrass, Owen Farms, Wm. Cook & Sons, and Rufus Delafield. Some of the distinguishing features of the Sanitary Hover are these: It is warmer near the curtain than at the center, which prevents crowding, trampling, and smothering of chicks; it can be used in any place offering shelter from wind and rain, making unnecessary an expensive brooder house; it is fireproof, being composed entirely of metal; it can be set up in an instant without cutting of holes or building of platforms; the lamp can be lifted out by a person standing up, which releases the operator from the disagreeable necessity of going down on his knees to his lamp.

The Sanitary Hover can be used through practically the entire year—as a hover in brooding time, as a grower of green food during the winter months. In eight days it will transform 12 quarts of oats into enough green food to feed 500 laying hens 3 days. In view of the importance of green food in the making of eggs, this is an item of great value. Indeed, it is probably not saying too much to say that the second most trying problem of the poultry farmer has in the past been to secure a supply of green food for his hens during the winter months. In providing the key to this problem, the Sanitary Hover has rendered a great service to the poultry world.

NOTICE

The nineteenth annual meeting of the American Black Minorca Club was held during the Poultry Show at Baltimore, Md., on January 1st, 1913. It was one of the most enthusiastic and best attended meetings in the history of the club and many important matters were discussed and some changes made in the by-laws. One new ruling was adopted, providing for election of officers by a postal vote, similar to the method employed by the A. P. A., and one provided against the election of more than one officer or director from any one state or province.

The secretary invites all Minorca breeders to write him for further information and he desires to correspond with poultry association secretaries regarding the special ribbons the club will donate to any show. Marcus Allen Northup, Sec'y.-Treas., Orangeburg, N. Y.

HULL'S PARTRIDGE WYANDOTTES

Willis Hull, Marcellus, N. Y., breeder of Partridge Wyandottes, has succeeded by careful selection and mating in establishing a strain of this beautiful and popular variety that not only

possess rare exhibition qualities, but are also heavy egg producers. He has a hen with a record of 42 eggs in 50 days and she exceeded the 200 mark in one year. He has several others with records from 196 to 211 eggs per year. Mr. Hull becomes an annual advertiser with this issue of AMERICAN POULTRY WORLD and readers interested in Partridge Wyandottes would do well to get his prices before placing orders for stock or eggs. A. J. B.

BUTTERCUP EGGS

For Hatching 90 per cent Fertility Guaranteed. Prices 15 eggs, \$3.00; 50 eggs, \$9.50; 100 eggs, \$18.00. Safe arrival guaranteed. J. S. McBRIDE, BEVERLY, OHIO

AUTOMATIC WATER SUPPLY for Poultry. The Arlington Fountain makes possible a week's supply of pure charcoal filtered water. No attention necessary after filling reservoir. Can not pollute. **85c**

AUTOMATIC FEEDER AND EXERCISER Saves grain and labor. Rat, Rain and Sparrow proof. Increases egg yield, improves flock. Money back guarantee on all Arlington products. Send for booklet. **85c** Arlington Automatic Fountain Co., Dept. C, Arlington, Mass

ROWAN'S BLACK SPANISH At Madison Square Garden show 1911 won

First Cock, First Cockerel, First Pullet. At the Garden 1910 show we won First Cock, First Hen, First Cockerel, First Pullet, also hundreds of other First and Second Prizes during the past 20 years. Eggs \$5 per setting, \$4 for each additional setting. Address

R. A. ROWAN, Title Insurance Bldg., LOS ANGELES, CAL.

Eggs 15-50-100—Single and Rose Comb Reds—Baby Chicks

Our strain is from the best Reds in the country. Don't compare quality with our prices as we want to reach everybody, therefore the low price by Quality A-1. Our pens are headed by such quality as 2nd Alentown Fair Cockerel, 22 in class, 1st pen cockerel Camden, 6 in class, 2nd Camden cock in S. C. R. C. 1st color and shape Northampton Co. Fanciers under Denny, 1st and special Best Bird in American class Camden. Those winning above should tell quality balanced pens headed by full brothers and sires. Don't get quality mixed with our prices because quality is of the highest kind but prices are placed in reach of all looking for good goods. All infertiles replaced FREE. Our birds are descendants from Madiso Square Winners. Get our booklet—its free.

RED POULTRY YARDS, Chas. H. Ziegenfus, Mgr., R. No. 6, BETHLEHEM, PA.

S. C. WHITE LEGHORNS

100,000 Eggs that will hatch, \$6.00 per 100, \$50.00 per 1,000. 25,000 Chicks that will live, \$15.00 per 100, \$125.00 per 1,000. We guarantee safe arrival and 85 per cent. fertility.

PEN-Y-BRYN FARM, Box W. 36, AMBLER, PA.

WHITE ORPINGTONS - WHITE ROCKS

INTERNATIONAL CHAMPIONS

Birds from my yards have won at Dairy and Palace Shows in England, also in New Zealand and at every big show in Canada, New York State Fair, 1911 and '12, ten firsts; Michigan Round Up Show five firsts; Madison Square, 1911, 1st, 2nd, 3rd, 5th and 6th. Birds sold on approval. Duty paid to United States. Send for mating list.

HIGH WORTH POULTRY YARDS, LONDON, CANADA

FRED A. ANDREWES, Proprietor.

QUALITY WHITE WYANDOTTES

Winner championship of the state over all breed won first and second pen third cock, first hen, first cockerel, third and fourth pullets at New Haven's great quality show, 1912 Exhibiting three birds at New London won first cock, first hen, first cockerel. Showing but one cockerel at Albany's White Wyandotte show, won third place. At Guilford show, the official American Poultry Association show in this state, won the sweepstakes of the show and the state and the American Poultry Association gold medal for best cockeae. in the state, also first and second cock, first and second hen, first and third cockerel and first pullet, showing but eightbirds. Have won more than thirty specials outside of shape and color specials. Eggs sold from this stock in settings only at \$5 per setting.

C. S. SCOVILLE, 42 Thompson Ave., EAST HAVEN, CONN.

"TWO OF A KIND"
TWO OPEN AIR HOVERS
 Nature AND Close-to-Nature



BIRD LIFE DEMANDS OPEN AIR—CLOSE-TO-NATURE BROODERS GIVE IT

Contact Warmth like the old hen—Plenty of Fresh, Open Air—No Piling Up or Over-Crowding. Give chicks these things and raise every chick in flocks of 100 to 300. Hot Air or furnace heat dries out, weakens and kills. But chicks in Close-To-Nature Hovers nestle their backs against a warm body that perfectly simulates the broody hen and breath temperate, pure air. Of all the forty or more kinds of brooders, there is not one that is like the Close-To-Nature. Send for free catalogue.

CLOSE-TO-NATURE COMPANY, 48 Front Street, COLFAX, IOWA

MOUNT PLEASANT FARM

Every courtesy is extended to visitors at Mount Pleasant Poultry Farms, Mt. Pocono, Pa., by the proprietors, the Messrs. Leech, affording all the opportunity to see their plant in detail. Mount Pleasant Poultry Farm is unique in its aim and methods—health, strength and vitality is the keynote of all their work. Not a bird is seen on the place that does not show perfect health and condition. Though Mount Pleasant Farm claims "Utility Stock Only," birds bred to lay, it is no trouble to distinguish both in the pullet, breeding and cockerel houses dozens of "show specimens." All the birds are very evidently pure bred S. C. W. Leghorns, large, broad, deep hens, a type selected and bred by Mount Pleasant Farm methods to lay eggs, large, white eggs, and that they are securing these in great numbers can be readily seen by a look at the daily records. That these records are strictly true is evidenced by the following quotation from a recent letter from a customer: "From your baby chicks I raised 31 pullets, the finest I ever saw; they were the talk of the town; the first laying season they averaged 215 eggs each." One of the interesting features of the work on the Mount Pleasant Farm is the way they maintain the "old farm idea" that a hen must be, first of all, strong, healthy and vigorous, and the care taken in every detail to achieve this result. Here we see this flock of pure bred S. C. W. Leghorns, fed the best of grain, meat, green food and the necessary accessories of a perfect ration, handled with all the most modern helps to labor (they cut the hay and grind the green bone), yet from dawn to dark at all times is ever apparent the Mount Pleasant Farm demand, that the health and vigor of the birds be maintained. The houses are of the very best construction, stone foundations, timber sufficiently heavy to last for years; glass for ample light and curtains to ventilate thoroughly. The floors are of a double course of tongue and grooved boards, and partitions every 24 feet, remove all danger of draft. The houses face south and are as dry as a stubble field in August. The cleanliness is remarkable, all manure is carefully removed daily and fresh litter was abundant on the floors. As Mount Pocono reaches an elevation of 2,200 feet and Mount Pleasant Farm is at the greatest height, severe winters are the rule, drop curtains were over the roosts to insure warmth on nights when the temperature drops "way below zero."

Mount Pleasant Farm is housing 1,500



Herewith is presented a view of one of the laying houses in use at Mount Pleasant Farm, Mt. Pocono, Pa. The aim of the owners of this farm is to produce birds of strong constitutional vigor. How well they are succeeding is best told by a visit to the plant and numerous testimonial letters from satisfied customers

hens, selected breeders, many of them are two-year-old birds and the proprietors tell us that the fertility of these eggs and the livability of the baby chicks are remarkable. Judging from their guarantee to replace "all infertile eggs" this is true; they surely show every confidence in a high percentage of fertility. They have also 1,000 pullets, laying large white eggs for market, and besides ample males for use in the breeding houses, several prices which will "clean them up quick." hundred mature cockerels for sale at Mount Pleasant Farm has an incubator capacity of 24,000 eggs at each setting, two Hall mammoth machines of which they are very enthusiastic, saying, "at a minimum of labor and expense they hatch beautiful big chicks with stamina and vigor, which accounts for a rapid development. About 50,000 day

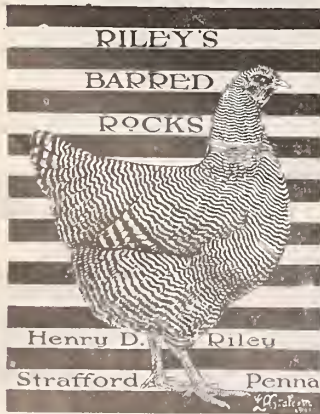
old chicks and 100,000 eggs for hatching will be shipped this season.

The proprietors of the Mount Pleasant Farm have a business method, too, that is different. Orders are not booked for shipment in rotation as received, but to be shipped at the date set by the purchaser; this is accomplished by estimating the weekly output and accepting orders for only as many eggs or chicks as they can produce each week. All money and orders are returned at once when impossible to fill them as the buyer requests.

*** You can not afford to subscribe for your magazines before consulting our Clubbing Catalogue—it saves you money—Send today for copy, it's free ***

RILEY'S BARRED PLYMOUTH ROCKS

The Riley Trademark of Perfection



Whenever you see the "Bars" think of Riley's Rocks—Barred of course

Lynchburg, Va., January 18, 1913.
Dear Sir—You remember that I wrote you some time ago, telling you about my win with one of your cockerels at Lynchburg, Va. This was a great win, as the class there was red hot, but since that time this cockerel has won a victory that places him among the few great cockerels of the season. I entered him at Charlotte, N. C., Show January 10-14, where the National Meeting of the American Barred Plymouth Rock Club was held. This bird was not only an easy winner in the best class of Barred Rock Cockerels ever seen in the South, but was champion male, and also won the Grand Championship Silver Cup, value \$100, for the Best Male in the Show. I feel proud to own such a cockerel, but you should feel prouder of having bred such a bird.

Yours truly, (Signed) M. B. HICKSON.

No greater victory could have come to me than have been the victories of my customers throughout the country. It is the convincing proof that my eggs hatch winners, not alone for the smaller shows, but for such shows as Madison Square Garden, Boston, Chicago, Philadelphia, Guelph, Canada, Cleveland, etc. At every one of these shows, a bird hatched from my eggs was in the winning three. It is proof that I sell you my best and "Riley's best" means the best that money can buy.

IF YOU WANT TO BREED A WINNING STRAIN

There is no other line that will produce such results for you as the Riley Strain. My birds have carried off the leading prizes for me at every show where I have exhibited for the past ten years, and every mating that I have is rich in the blood of my Madison Square Garden winners. Every breeder who is anxious to carry off the highest honors at his next show should not fail to send for my illustrated mating list. I feel safe in saying that I can surely produce a winner for you. It is up to you.

HENRY D. RILEY,

Box C,

STRAFFORD, Chester Co., PA.

MODES OF INHERITANCE

A STUDY IN HEREDITY. BLENDED INHERITANCE. EXCLUSIVE INHERITANCE. PARTICULATE INHERITANCE

In some poultry-yards we find birds which appear to us as though they were perfect reproductions of the parent stock, and the breeder, if he knows nothing of hereditary resemblance, will tell you it is complete. If, for instance, a flock of Silver Wyandottes collected in the same yard and "bred true" or "line-bred" for several years, they would to the untrained eye represent no individual characteristics. In other words, there seem to be cases in which generation succeeds generation without any variation. But is this a fact? If we carefully examine each individual bird we shall find that in most cases the apparent absence of variation is illusory, and due to our lack of acquaintance with each individual bird. A flock of sheep may seem "all the same," but only to the careless eye; the shepherd knows them individually, and could demonstrate that they are very different in many details which are unnoticed by a careless or untrained observer. "Like peas in a pod" is often quoted to show marked similarity, but often a minute examination shows that there is a marked dissimilarity, and we find that the saying is not the interpretation of the fact.

In horses, cattle, sheep, dogs, rabbits, pigeons, and fowls there is ample opportunity of studying modes of inheritance.

It is, however, safe to predict that the offspring of a pair of birds (or a pen, if properly mated) will exhibit more or less complete hereditary resemblance to the parents. It is, as all experimental breeders know, unsafe to predict that there will be an absolutely complete resemblance. The more a breeder knows of the art of breeding, the more sure is he that variations crop up from some unknown cause. When we deal with "line-bred" birds we are safe in saying

that a large percentage of their offspring will resemble their parents. To say *all* will resemble them is not true.

There are many interpretations of the modes of inheritance, but the careful breeders know that all the ordinary phenomena are of a piece, and he is looking forward to the time when all the methods will be embraced in one general formula. At no very distant date there will be a modification of Galton's Law of Ancestral Inheritance, and there is no doubt that others will be explained in Mendelian formula. We want to consider in this short article three modes of inheritance—Blended, Exclusive, and Particulate—and see how they work out in the breeding of poultry. As we define and illustrate these modes of inheritance we want to notice, even at the risk of reiteration, some saving clauses which will, we hope, make our meaning clear to the novice in poultry-breeding. We have pointed out that cases of apparently very complete hereditary similarity may be illusions due to our inability to appreciate the differences that really exist; but, on the other hand, we must



FIRST PRIZE COCKEREL MADISON SQ. GARDEN, NEW YORK, 1912-1913.
BRED & OWNED BY D. W. YOUNG, MONROE, NEW YORK.

D. W. Young has bred and exhibited so many blue ribbon winners at the Madison Square Garden in the past twenty years that the winning of first prize with a White Leghorn cockerel at the 1912-13 show caused no surprise—as at past shows the winner stood out as a star in his class. The beautiful lines of the cockerel illustrated above, with his immaculate silvery white plumage and fine headpoints, entitled him to all the honors bestowed by the Judge.

be careful to guard against error of supposing that conspicuous differences between offspring and parents spell out an incompleteness in the inheritance itself. The fact that the resemblance reappears in the third generation proves that the incompleteness is in the *expression*, not in the inheritance. The qualities are there in a latent form, kept latent by other

OLD ACRES SWEEPS MADISON SQUARE GARDEN ON SINGLE-COMB RHODE ISLAND REDS

FRIENDS:—Old Acres still holds first place among the breeders of S. C. Rhode Island Reds. Winning at Madison Square Garden this year with thirty points for Best Display to nineteen, twelve and eight points made by our three leading competitors, we maintain the prestige which we won at Boston last year when we captured the Fifty Dollar Cup for the Best Display at the annual meeting of the Rhode Island Red Club of America.

Again this year we won first cockerel both at Madison Square Garden and Boston. This feat gives us a record of winning first cockerel at Madison Square Garden two of the last three years, and first cockerel at Boston for three years in succession—a total of five out of six first cockerels at Madison Square and Boston during the last three years.

Add the fact that we won first and second pens at Madison Square Garden this year, after winning first pen at Boston five years in succession, and you have a record of recent winnings which stands by itself.

For stock and eggs of the highest quality, write

OLD ACRES,

FOXBORO, MASS.

characteristics, or they may be undeveloped by reason of malnutrition.

In these days, when so much is made of cockerel-breeding pens and pullet-breeding pens, it would be well if those who desire a pen of birds to produce good pullets would remember that other characteristics besides color must be taken into consideration. For instance, if we want good pullets we must see to it that the male bird resembles its mother in the special features we wish perpetuated in the pullets. On the other hand, if we desire good cockerels (and who does not? let the hens resemble the father, and we will find that the first and second generation we get what we aim for, but in the third we shall have a reversion to the old type. Keeping this idea in mind, the breeder will know exactly what to expect, and make his plans accordingly:

BLENDED INHERITANCE

By this we mean that the special features of the two parents are intimately blended in the offspring. The color of the feathers may be said to be the mean of two extremes. It is not to be understood that this mean will be obtained in every bird hatched. Last season it was my pleasure to experiment for a very popular exhibitor with extremes in color characteristics, and the result was that he got a large percentage of the progeny even in color; the others are being kept for stock purposes this year, with the exception of a few sold to other breeders to improve their strain. It must not be forgotten that if the male bird is overworked the results will not be as good as when his work is normal.

The experiment, however, was highly satisfactory, for it proved the possibility of producing maternal and paternal peculiarities in the offspring; in other words of getting "Blended Inheritance." When we get quantitatively more of the paternal or maternal quality expressed we know that in the blended inheritance one of the parents is prepotent. If, however, the characteristics of one parent are predominant we get what is known as "Exclusive Inheritance."

EXCLUSIVE INHERITANCE

When there is an expression of a given character, an absolute prepotency on one side or the other, or when the maternal or paternal characteristics are reduced to zero, the inheritance is called exclusive. When the whole offspring favour the father or the mother we use the term to show preponderancy. The impressions which breeders have should not be formulated as laws. There are many popular generalizations held by poultry-breeders which the last decade has proved to be unsound. Let me name

one. It was held by many that the male bird influenced color more than the female, she being responsible for size and type.

The practical application of the new law of inheritance, as propounded by Mendel, has put the old ideas in the background of history, and today birds are chosen which will give *exact* results in their offsprings, and these results we are able to calculate beforehand. And generalizations are mere guesses. We can only say that

Rose Comb Rhode Island Reds

Blue Ribbon winners at Hagerstown, Allentown and other big shows, including Madison Square Garden. Stock and Eggs for sale. Twin Oaks Farm, Palmyra, Pa.

COLUMBIAN AND SILVER WYANDOTTES

If you are looking for the very best in either of the above, we can please you. Our birds have demonstrated their quality by their winnings at Madison Square and Boston for the last 10 years.

J. F. VAN ALSTYNE,

NIVERVILLE, N. Y.

PAYNE BROS. ROSE COMB REDS

MAKE BIG WINNING

MADISON SQUARE GARDEN, 1913:—1st Cock (Shape and Color Special), 1st Pullet (Color Special), 5th Hen, 3rd Pen.

AT THE BIG BOSTON SHOW, JANUARY 1912:—1st Cockerel, 4th and 6th Pullet, 2nd and 6th Hen, 5th Cock, 1st and 6th Pen. Our 1st prize Pen was declared to be the finest ever exhibited.

CATALOGUE FREE. GUARANTEED EGGS, EXPRESS PAID IN U. S. and CANADA

PAYNE BROS.

Box W,

PORTLAND, CONN.

"O.K." Poultry Litter

TRADE MARK

is the most wonderful litter for Laying Hens, Baby Chicks and Poultry of all kinds. It's cheaper to use and ever so much better than Straw, Clover, Alfalfa, Sawdust, Shavings or anything else ever thought of for litter. Everyone who tries it uses nothing else.

"O. K."
KEEPS
THE

BROODER

CLEAN
DRY
SWEET

WITH-OUT ONCE CLEANING OUT

Can you imagine the comfort, convenience and time saved running your brooders like this? Remember, one lot of "O. K." Litter lasts until the chicks have outgrown the brooder without one cleaning out. In Coops, Laying Houses, Colony Houses and Scratching Pens, "O. K." Litter dries up the droppings so that the house is always dry, clean, sweet-smelling and sanitary, and needs cleaning out only once in three or four months. "O. K." Litter is a tremendous saver of time and money.

WRITE TO-DAY FOR FREE SAMPLE

"O. K." Litter will not burn. Lice will not come where it is used. Tell us how many hens you keep—we will tell you how much "O. K." Litter you need.

Write to-day for the free sample and printed matter. You need them.

O. K. COMPANY,

DEPT. 172,

160 Pearl Street,

NEW YORK CITY, N. Y.



LISK'S WHITE WYANDOTTES

I am not showing this season but my birds are winning as usual for my customers at our best shows. I am mating up my pens early for our mutual benefit with the best birds I ever bred. The birds not having been exhibited the eggs are extra strong and fertile. Lisk's strain is bred to lay as well as win, one customer reports a bird laying 54 eggs without a skip. Get in line for the best White Wyandottes now, you will sometime. Eggs guaranteed from my best pens the same as I hatch from, \$5.00 per 15, \$12.00 per 45, \$24.00 per hundred.

FRED C. LISK,

Box L,

ROMULUS, N. Y.

in some cases the expression of the inheritance as a whole, or in regard to some particular character may resemble one parent more or less exclusively. Sometimes the male bird is prepotent, at others the female. It is when this is known that the best of both sexes are bred, and the breeder who notes these special periods is able to act upon them to the best advantage. It is worth remembering that where the expression of inheritance markedly follows one parent it does not follow that the contribution from the other parent has been lost, the chances being that in the next generation they will reappear, as they are simply latent in the germ-cells. The knowledge of this fact saves the scientific breeder years of time and trouble, and gives to his birds a new sense of values.

PARTICULATE INHERITANCE

Where the peculiar characteristics of two birds do not blend, but are separately expressed in one bird, as in the Pyle Wyandotte, this is called particulate inheritance. The paternal color is seen on some parts, the maternal on other parts. It is a strange fact that eye-color is generally exclusive. There are exceptions, but we have none in the poultry world so vivid as that which the English sheep-dog gives. It has a paternal eye on one side and a maternal one on the other!

If breeders note the pedigree, the vigor, the age, in other words, the constitution of the birds mated, then they will be able to gauge results on a scientific basis. A highly bred and well-matured cockerel mated to commonplace hens will stamp the progeny with his characteristics. If, on the other hand, young pullets are mated to a worn-out cock they express themselves in the progeny to a very marked degree. Sometimes, however, there are no marked differences in the parents, and the result is that the inheritance may blend in one hatch, be exclusive in the next, and particulate in the third. These descriptive terms help us to keep our facts in order, and explain the differences which cause so much heartburn to the novice in regard to the results which he gets from eggs hatched at different times from the same birds. Experiment helps us to interpret these facts and spells out to us a new use of our stock birds. The facts go to prove that the expression of inheritance follows the parent whose germ-cells are the riper at the time of fertilization. A study of "germinal selection" will make this clear to those who require more elaborate details than we are able to give in this short article.—Rev. James Hogg in Illustrated Poultry Record, England.

THE BONNIE BROOK POULTRY FARMS

The large and beautiful illustrated catalogue issued by the Bonnie Brook Poultry Farms of Saratoga Springs, New York, will prove a treat for White Leghorn breeders to look over. The illustrations are instructive as well as ornamental, conveying a remarkably clear idea of the buildings, runs and equipment of this splendidly conducted poultry ranch.

Thousands of Single Comb White Leghorns are annually hatched, raised on and shipped from Bonnie Brook Farms, the latter enjoying a great trade in day-old chicks, the production of which being a leading specialty, the methods used in shipping insuring the safe arrival of the chicks at their destination, in excellent order. Special inducements are offered to purchasers of day-old chicks after April 15th, choicely bred youngsters being priced at fifteen dollars a hundred. The motto of Bonnie Brook Farms is "Value Given for Value Received", and the observance of this excellent business rule, accounts for the success of this well conducted poultry plant. The handsome catalog issued by Bonnie Brook Farms will be sent free to all who mention AMERICAN POULTRY WORLD. Address H. L. Davis, Mgr., Bonnie Brook Poultry Farms, Saratoga, Springs, N. Y.

*** Are you a beginner? If so you should have a copy of "Successful Poultry Keeping." Tells you how to succeed. One dollar the copy ***

R. C. Buff Leghorns TURNER'S GOLDEN ROD STRAIN have won blue ribbons at Boston, Brockton Fair, Holyoke, Springfield, Rochester, Portland, Freeport, South Paris, Gorham and wherever shown. Orders booked for eggs at \$5 and \$3 per 15. Satisfaction guaranteed. Send for mating list.
E. J. TURNER, SPRINGVALE, MAINE



FRESH EGGS

7c a Dozen

From hens kept according to our free feeding plan in our Improved Houses, costing complete from \$12.50 up. Write to-day for catalog of Portable Poultry Houses.

OWEN CO., Front Street, ALLEGAN, MICH.

**S. C. WHITE LEGHORNS
WHITE PLYMOUTH ROCKS**

Quality, Not Quantity

10 Grand Leghorn Cockerels at slashed prices. Write for mating list.

E. B. DARROW, Box W, WILLIAMSPORT, PA.

ANCONAS!

I will spare a limited number of Eggs from my special matings Anconas. New York State Fair winners. All birds that won at this great show are in my breeding pens. A few birds for sale. Eggs \$3.00 and \$5.00 per setting. F. O. NEIL, FAYETTEVILLE, N. Y.

ANCONAS!

BAILEY'S CHAMPION SINGLE COMB REDS

Winning Championships at Boston, Madison Square Garden and Grand Central Palace. Also First Prize on Eggs at Boston four years in succession. Send for catalogue.
A. S. BAILEY, COBALT, CONN.

**WEBSTER'S NEW YORK CHAMPION
WHITE PLYMOUTH ROCKS**

Sweep All Before Them, Winning At

WILLIAMSPORT:—Cock 1-5, Hen 1, Pullet 1, Special Best Hen in Show, Best Cock in Show, Best Bird in Show, all competing.

PHILADELPHIA:—Cock 1-5, Hen 1, Cockerel 5, Pen 3, Best Cock in Show, Best Hen in Show, etc., etc.

CLEVELAND, O.—Cock 1-2 3, Hen 1-2-3-5, Cockerel 1-2-3, Pullet 1-4-5, Pen 1-2. All Specials and Cups.

THIS 1913 RECORD THE GREATEST EVER MADE

It is the "Seal of Superior Quality"—The "Best by Actual Test"

Our line has proven their winning and practical qualities year by year and won their title at *M. S. Garden, New York*, by winning *three firsts and two seconds with all color and shape specials*. Our matings are made and list is ready for you. This is your opportunity. Absolute satisfaction to all assured. Stock for sale; write now.

Webster Farm, Box W, Girard, Pa.

Lichtenwalter's Quality Buff Rocks

Winners this season at Madison Square Garden, New York, Philadelphia, Williamsport, Cleveland, Ohio, Springfield Ill., etc. My matings are better than ever with size, shape and sound color. List and particulars on application. Satisfaction to all. Some special breeders for sale.

E. H. Lichtenwalter, Box W, Girard, Pa.

KNAPP'S RIVERDALE STOCK FARM

SINGLE COMB WHITE LEGHORNS, THE BEST EVER, Eggs \$3.00 per 15. GOLDEN GLOW BUFF ROCKS. Eggs \$2.00 per 15. LITTLE BEAUTY BUFF COCHIN BANTAMS. Eggs \$2.00 per 13. Pure (Cumberland) English Penciled Indian Runner Ducks. White Eggs—Pen 1, \$6.00 per 12; Pen 2, \$4.00 per 12. A fine herd of registered Hackney and Shetland Ponies. Drivers and Saddlers always for sale. Everything bred with the greatest care.

B. R. & O. A. KNAPP,

CORTLAND, N. Y.

POULTRY RAISING IN FLORIDA

By W. Rae Crane

In response to your request that I give my views of the poultry industry in this section of Florida, I have been investigating things and am penning you a few lines.

Florida is like a big over-grown child that has immense possibilities before it, but has not learned yet how to use its abilities for its best interests.

The climate is ideal for poultry raising, green food all the year round and little chicks may be hatched at any and all times. Only the other day, January 25th, I visited a poultry farm where the manager showed me about a thousand chicks all sizes from a "day old" to broiler size and these youngsters were all running around on the ground motherless and a happier and healthier bunch of chicks I never saw. At night they went to bed in boxes with only a piece of burlap tucked on top, and there was no crowding around the lamp, such as I have seen chicks do on my plant and others. I inquired whether they ever had any attention at night, such as extra blankets on top when extra cool nights came, but the answer was, no, with the exception of the first two or three nights, when we have to put a few of the babies where they belong. We have no trouble at all as to their sleeping arrangements, they attend to all that themselves.

The commercial chick food seems to suit most poultry raisers best, but a few use the old fashioned corn meal mash. There is no green food or animal food question to bother for the chicks have free range and balance their own ration on grass, bugs and worms.

The housing is about the simplest you could imagine, only a roof and wire sides with perches and nests inside.

Grain is about the same price as in the North, and labor is a little lower as a great deal of the rough work can be done by the negroes.

A favorite combination down here is a large orange or grape fruit orchard with colony houses scattered about and the birds on free range. They obtain most of their own food in this way and also help the trees by keeping down the bugs and worms, and the droppings are also of great benefit.

Eggs are to be had all year around if proper care is given. And now I am coming to the one serious drawback, there must be absolute cleanliness in every particular and a constant warfare must be waged against the lice and mites, for they breed far faster in

this warm climate than further north, but those who use proper precaution and care are not troubled.

In conclusion I would say that the poultry industry in Florida is only in its infancy and the next ten years will see marvelous changes, for more modern methods and appliances are now being used and the industry is growing in leaps and bounds, and so it should for the conditions are as near ideal as it is possible to get them.

F. E. HARRISON

Attention is called to the ad of F. E. Harrison, Box A, Menominee, Mich., breeder of Royal Red S. C. R. I. Reds. His great winning at the last Chicago show is well known. He won first on cock, first old pen and first young pen, and was so impressed with the quality of the first and second cockerels that he bought both of these birds from Mr. Ricksecker, and so now has every first prize winning male at the great Chicago, 1912, show. He also won first display there.

At the Wisconsin State Show, at Detroit, at Milwaukee and at the Indianapolis National Fanciers' Show his Royal Reds repeated their great victory.

His latest catalogue tells all about his wonderful winnings and gives his matings for the season. He offers a special inducement to those purchasing eggs for hatching. He also has some choice stock that it will pay breeders of Reds to learn about. To obtain a copy of his catalogue free, address F. E. Harrison, Box A, Menominee, Mich.

* * * Twenty-five cents will secure for you a copy of "Reliable Poultry Remedies." Tells you symptoms of diseases and how to treat sick fowls * * *

DAVIS LIGHT BRAHMAS

1 Cockerel, 1-2 Pullet at the Great Hagerstown Show. If you want quality, I have it at reasonable prices. Write me. Also LIGHT BRAHMA BANTAMS—the kind that win. F. W. DAVIS, Box W, KEYSER, W. VA.

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.

WHITE DIARRHOEA CURED AND PREVENTED

Whiting's White Diarrhoea Remedy Is The Only Positive Cure And Preventive.

White Diarrhoea is a Germ disease. The instant the chick is hatched the germ becomes active and destroys more than half of all chicks hatched. Until the discovery of Whiting's Remedy there was no cure.

WE GUARANTEE TO CURE

chicks already affected and to prevent all the other chicks having White Diarrhoea, or will refund your money.

Buy from dealers, or direct, price 50 cents a bottle, postpaid.

O. K. SALES CO.

Dept. 21,

160 Pearl Street, New York

? Who Has The Best White Rocks ?

WRITE TODAY for special bargain mating list and sheet of winnings, which are sent free. Also send ten cents for illustrated catalogue, which will tell you all about

"HALBACH'S STAY WHITE STRAIN" WHITE PLYMOUTH ROCKS



They won more than 68 other prominent breeders at such shows as the National White Rock Club show, Chicago, Milwaukee (Fair) and Detroit. This record is far in advance of any other. It should assist you in purchasing your eggs and stock for new blood and foundation stock as well. Remember they hold the world's record by winning *best display* at Chicago four times. A grand lot of breeders left. The kind that will produce winners. Utility birds in any quality. Just the quick growing, heavy laying, big paying kind,

Eggs from best matings \$15.00 per 15. Utility eggs \$10.00 per 100. Just write today and be convinced of great quality. Have anything you need and know that I can please you.

H. W. HALBACH, Box 3, WATERFORD, WIS.

R. C. Caldwell Ships "Baby Chicks of Quality" On Short Notice See Ad. on Page 569

S. C. White Leghorns, Overlook Poultry Farm, Whitney Point, N. Y., E. C. Landers Prop.

Since crossing our strain with the cream of the birds we purchased of the famous Pine Top Poultry Farm, we have an elegant lot of stock, and at this time, we have about 50 splendid utility male birds for sale from \$2 to \$5 each. They are all fine, strong, vigorous birds and it would be hard to find a better lot for all around utility purposes. We have 24 pens mated for the season. These are the cream of over 1,500 birds. Each pen is headed by a son of noted winners at the largest shows. Place your order now for eggs for hatching and start your foundation with the best to be had. Mating List Now Ready.

THE DUNROBIN FARM

At Red Bank, N. J., and in the midst of America's greatest poultry center, Mr. A. B. Dalby has built his plant known as the Dunrobin Farm, one of the largest, best and most complete that we have seen. The country in this section is very beautiful. The climate temperate and early, the soil soft and general conditions all that could be desired for high class poultry breeding and raising.

Mr. Dalby is an enthusiastic fancier and breeder who has made his way and placed his line a prominent winner at many of our best shows for some years, and particularly 1907 to the present day.

Mr. Dalby has made it a point to exhibit his birds yearly at the largest and best shows. His show records have been made at M. S. Garden, N. Y., Philadelphia, Palace, N. Y., Baltimore, Allentown, Easton, Morristown, Red Bank, etc., etc. His late winnings as we have them are: At Grand Central Palace, N. Y., Dec., 1912, Buff Orpingtons, third cock; first pullet; third pullet and fifth pen. First cockerel won cup for best Orpington shown. White: Third and fourth, cock; first and fourth hen; first cockerel; first, second and third pullet. Buff Orpington Ducks, all four first prizes in old and young. At Baltimore, Md., 1913: White Orpingtons: First cockerel; fourth and sixth pullet; sixth cock; fifth hen, and second pen. Buffs: Third cockerel; second pullet; third hen; fifth cock; third pen. One of the largest classes ever seen. On three entries in S. C. White Leghorns in a class of 276 birds, 14 pens, he won second and fourth hen; third pen. On three entries in S. C. Buff Leghorns, second hen; second pullet; first pen. On Buff Orpington Ducks, the largest class ever shown in this country: First, second and third old drake; first, second and fourth young drake; first, second and third young duck; first and second pen. Special for best display of ducks in the show, which had the annual meeting of the American Water Fowl Club. At Red Bank, N. J., show, he won eight cups, A. P. A. Medal and Enquire Medal for best cockerel in the show on first Buff Orpington cockerel, and best pen in show on first White Orpington pen. Specials for best display in show. Best display white and best display Buff Orpingtons. Best display of Buff Leghorns and best display of Buff Orpington Ducks.

These winnings tell the whole story of Dunrobin quality far better than words can tell. They are a credit to this line and are of surprising value. Mr. Dalby gives his entire attention to his plant and birds and we would advise all who can to visit this plant and see its stock. It will interest you. Mr. Dalby sends his catalogue free for the asking, if you mention the A. P. W.

RED POULTRY YARDS

Chas. H. Ziegenfus, manager of the Red Poultry Yards, Bethlehem, Pa., in his new price list, announces that Pleasant Hill Poultry Yards and Rising Sun Poultry Yards last fall started to show and advertise under the name of Red Poultry Yards and are making a specialty of producing baby chicks and eggs for hatching to be sold at reasonable prices. While they do not claim to have the best flocks of Single and Rose Comb Rhode Island Reds, they do claim to have strains bred from the best blood in America. Red Poultry Yards have won cups, medals, numerous specials and many blue ribbons at shows where it takes good birds to win. Sixteen pens have been mated for the egg and chick trade this season and no pen contains more than from 5 to 7 females, in order to insure strong fertility. After May 15th they will have males and females for sale that have won at the shows in the past season. This will be a rare opportunity to secure high class stock at reasonable prices. Mr. Ziegenfus will be pleased to mail his folder to all readers of AMERICAN POULTRY WORLD interested in Rhode Island Reds.

MERHEW'S BUFF LEGHORNS Win again all firsts at New York State Fair, five regular and six special prizes at Madison Square 1913, Silver Cup best display at Auburn 1913, write for mating list giving show record or last 15 years. We have for disposal 50 male birds. Utility and Exhibition breeders.

L. E. MERHEW, Member Buff Leghorn Club, MARATHON, N. Y.

SMITH'S S. C. RHODE ISLAND REDS

Winners at Mineola, Hempstead and other big shows. Breeding and Exhibition Stock for sale.

PHILIP SMITH, We Can Win For You. Address R. I. Red Specialist, ROOSEVELT, N. Y.

GABRIEL'S

"Raven Black" Strain of S. C. Minorcas

At the Indiana State Fair, Indianapolis, September, 1912, won First Cockerel, First Pullet, First Pen.

FRED C. GABRIEL, Prop., Raven Black Yards, SOUTH BEND, IND.

SINGLE COMB REDS

High-class matings. Superb in shape and color. My Madison Square, Philadelphia, Hagerstown and Camden winners in my pens. Catalogue.

EGGS \$2.00, \$5.00, \$10.00 per 15. CHICKS \$18.00 per 100. Special Matings—Chicks 50 cents and \$1.00 each. Eggs \$10.00 per 100.

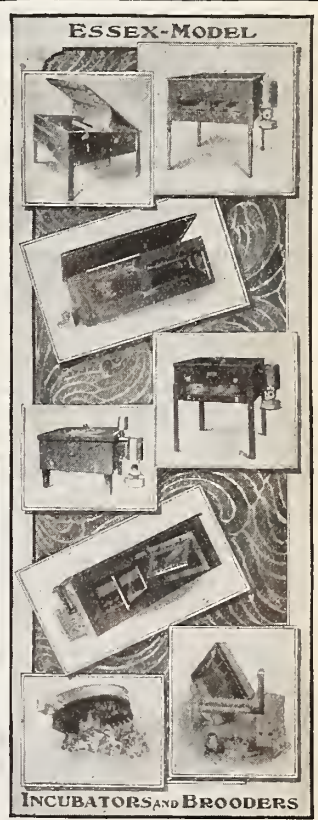
J. H. CROSSLEY & SON, Box 177, MAGNOLIA, N. J.

America's Largest Line of Incubators and Brooders

Your Choice of 19 Sizes and Styles \$2.25 to \$48

Some people think Essex-Model Incubators and Brooders might cost more because they are Superior Machines and cost more to build. Don't get a wrong impression. It is true they are better, but our profit is smaller than others—and so you get the benefit of High-class machines at low prices. You get the best machines on earth at the price you would have to pay for inferior machines; so surely you should choose the best. Our Catalogue illustrates how they are made, and proves that they Hatch Better and Brood Better.

Mr. Essex offers you the advantage of his Quarter Century of experience at no cost to you. Let him Start you Right. It is half the battle.



We Manufacture Everything In Wood and Metal For Poultry-Keepers

We have Agents all over the country who have these goods in their stores where you can see them. Write us for address of Agent near you. If there is no Agent near you we will sell to you at Factory prices. Anything you need we can sell you—Better and cheaper. Insist on seeing Essex-Model goods before you buy. If your storekeeper does not keep them, please write us. Write for our FREE 1913 Catalog containing Five Chapters on Poultry-keeping written by Mr. Essex. It will start you right. This Free Book also contains 30 Illustrations of Down-to-date Poultry Houses in use at Experiment Stations all over the country, and much other valuable information. All Free. Address nearest office.

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

R. C. Caldwell Ships "Baby Chicks of Quality" On Short Notice See Ad. on Page 569

ROSE COMB BUFF LEGHORNS

GROWING POPULARITY OF THIS HANDSOME VARIETY OF THE LEGHORN FAMILY DUE TO ITS FINE LAYING AND MARKET QUALITIES. WERE FIRST INTRODUCED ABOUT A DOZEN YEARS AGO IN DIFFERENT PARTS OF THE UNITED STATES. ROSE COMBS PREFERRED IN NORTHERN COUNTRIES BECAUSE THEY ARE PRACTICALLY IMMUNE FROM DANGER OF FREEZING

BY H. B. GREEN

I am to write on Buff Leghorns in general and Rose Comb Buff Leghorns in particular. It is not my purpose to speak of their origin for our good friend, Drevenstedt, has written ably and exhaustively and quoted minutely, so that we can rest that phase of the subject. The average person who wants to breed them cares but little about their origin anyway. We are a good deal by chickens as we are by persons. In England when a man comes forward claiming attention of the people, everyone begins to ask, "Who was his father?" In France they ask, "How much is he worth?" while in America, true Americans never ask about his father, they do not care anything about his father or whether he ever had a father or not, neither do we care how much he is worth. What we want to know is, "What has he done?" and what can we expect of him? If he makes good and keeps himself clean while doing so we will stand by him, if he does not make good, we simply ask him to step aside and let some one else take his place who can. In much the same way we treat any variety of fowls that claim our attention.

The Leghorn family as a whole have their inning now and are going forward much more rapidly than any other breed. This is evidenced by their increased numbers above those of a year ago at the recent big shows, compared with such increase and decrease of other popular breeds. Since the Buffs were made standard varieties, marvelous rapidity has attended their on coming until today the demand for them is so great that it can not nearly be supplied with good stock. In point of age, as standard varieties, the Buffs are still in knee pants and short dresses, but from the standpoint of popular favor, they are already among the beaux and belles of poultrydom. This popular demand for them is not due to any boom for they have never been boomed. No one with a lot of money has ever gotten under them and pushed and boosted them up, taking them to the shows in great numbers and using large space in advertising them, thus creating an abnormal demand for them. The largest space ever used

in advertising Buff Leghorns in any magazine is one-half page color plates that appeared in two or three of the leading magazines. The remarkable demand for them, is the legitimate result of their own meritorious conduct in proving themselves to be almost perpetual layers and in keeping themselves plainly but beautifully attired the while.

POSSESS SUPERIOR MARKET QUALITIES

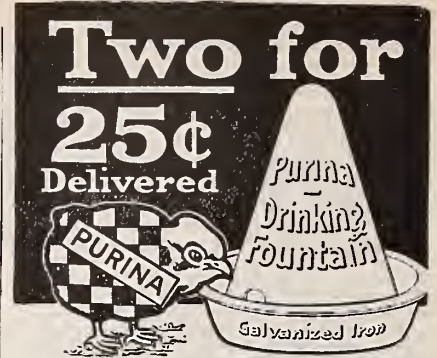
Their market qualities too, commend them as an all purpose variety owing to their readiness to take on fat when confined and fed expressly for that purpose. This, coupled with their rich yellow skin, gives them an attractive appearance when dressed and exhibited in the market places. Their size, too, instead of being a hindrance to their sale is really a help in many markets. In these days of high prices, a large chicken that will dress 7 or 8 lbs. will cost from \$2 to \$2.50 in many markets and are beyond the means of many, while a fowl that will dress 2½ to 4 lbs. will readily find buyers, especially when they have a temptingly yellow skin.

Some claim for Buff Leghorns a superiority of flavor of the flesh, but doubtless, that it is more a delusion of the imagination than anything else for such claims are made for all va-



ROSE COMB BUFF LEGHORN COCK.

The above illustration is reproduced from a photograph of the first prize Buff Leghorn cock at the Dixon, Ill., show, 1913. This fine specimen of the breed also won the blue ribbon as cockerel at the Iowa State Show in 1912. He was bred and is owned by Horton B. Green, Dixon, Ill.



Usual price 25c each but we offer *two* galvanized iron drinking fountains for 25c as a special inducement to get you acquainted with

PURINA CHICKEN CHOWDER

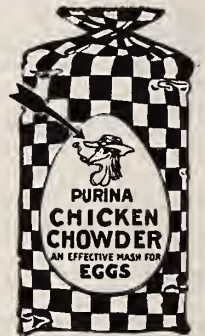
—a dry mash composed of alfalfa, corn meal, bran, middlings, granulated meat, linseed meal and charcoal, the great egg mash and

GROWING FEED

for baby chicks. Purina Chicken Chowder produces tender and plump broilers at an early age and advances the egg laying period from 2 to 5 weeks.

Col. Purina says: "If Chicken Chowder won't make your hens lay, they must be roosters." Chicken Chowder makes fertile eggs for hatching and early broilers that bring fancy prices.

Clip Col. Purina's head from a bag of Purina Chicken Chowder and send it to us, with 25c, and we'll ship you the *two* serviceable, 25c galvanized iron, chick drinking fountains delivered by parcels post.



Purina Poultry Feeds are sold by the leading dealers and grocers. If your grocer cannot supply you, ask him to order a supply including Purina Chicken Chowder from his jobber.

Poultry book free!



For your dealer's name I will send you this 48-page Poultry Book, containing plans of houses, breeding and feeding charts, space for daily egg records, cures of diseases, etc., and full instructions on how to successfully raise baby chicks. Write today.

Col. Purina, Purina Mills, 817 South Eighth St., St. Louis

rieties by their respective admirers. Very likely those making such claims are sincere, but it is a very easy matter for a hungry person to sit down to a meal consisting largely of well prepared fried chicken of any variety and think, for the time, that that particular chicken was "the very finest I ever ate," simply a heavy draft on the imagination induced by the exquisite delight of the palate on that particular occasion.

Added to the splendid laying qualities and the very fair market qualities of the Buff Leghorns, is also what is probably their strongest asset, namely, their modest, unassuming, but withal, most beautiful dress. Buff in fowls has always been a very attractive color or shade and one that appeals strongly to the artistic in nearly all admirers of domestic fowls. Whether it be seen in a pair, a pen or a large flock, the color attracts attention and arouses admiration; but in the Buff Leghorn with her closely fitting plumage this pleasing shade finds its climax and consummation. The Buff Leghorn has a luster and brilliancy of plumage not produced in any of the other varieties of Buff.

O, yes! I was to write about Rose Comb Buff Leghorns, wasn't I? Well, what may be said about rose combs as applied to Buff Leghorns applies equally to all Rose Comb Leghorns, and for that matter to rose combs on any variety of any breed.

ROSE COMBS INTRODUCED TWELVE YEARS AGO

Rose Comb Buff Leghorns put in an appearance about a dozen years ago in different parts of the United States where the S. C. Buff variety was being raised, probably the result of introducing Rose Comb Brown blood into the Single Comb Buffs. Anyway they put in an appearance and very soon attracted attention of fanciers who developed them and in due time they were admitted to the standard and have made good and are rapidly taking their stand by the side of their

sister variety, the Single Comb Buff, in many of our shows. The two varieties of Buff Leghorns are identical except as to combs.

The chief preference for the rose combs in any variety lies in the fact that they rarely ever freeze, even in the most northern states and Canada, being practically immune from that danger. It is thought by many that the single comb gives a fowl a more dignified appearance than does the rose comb, but that, too, like the various varieties of the different breeds, is more a matter of personal preference and fancy than anything else. To many, a well formed rose comb on either male or female, presents a pleasing and even a more graceful appearance as a crowning glory to the head than does the most perfect single comb. So to those who can be led to see it that way, the rose comb, especially on the Leghorn, with its immunity from freezing, will doubtless hold its own with the single combs.

RIVERDALE POULTRY FARM

In the 1913 mating list of the Riverdale Poultry Farm, Riverdale, N. J., Manager F. M. Prescott gives detailed descriptions of the males and females that make up the pens of Light and Dark Brahmas, Rhode Island Reds, Barred Plymouth Rocks, S. C. White and Brown Leghorns and White Wyandottes. The best strains of blood obtainable are bred by Mr. Prescott, whose prices for stock and eggs are unusually low, considering the high quality of his birds. This well gotten-up mating list will be sent free to all who apply to F. M. Prescott, Riverdale, N. J.

Grannis Bros. Baby Chicks EGGS Breeding Stock

Buff and White Orpingtons
White Wyandottes
S. C. and R. C. Rhode Island Reds
White Leghorns
Buff Leghorns
Indian Runner Ducks

At eight of the largest shows in the U. S. we won

260 Prizes

All our baby chicks are hatched in Hall Mammoth Hot Water Incubators and are equal in every respect to hen hatched chicks. Mating list, with prices of eggs, baby chicks and stock, now ready. Send for a copy.

GRANNIS BROS.,

Route 14, Bryn Mawr Park, YONKERS, N. Y.
Herman W. Grannis, General Manager

KLINGBEIL PARTRIDGE ROCKS

The Great Fancy and Utility Strain

My birds have been prominent winners at New York, Boston, Providence, etc. They have the show record as well as the quality record. Bred in line for greatest value. Eggs from special matings \$5.00 per 15, run of flock \$3.00 per 15, also some of my fine breeding pens for sale. *Ask for prices on baby chicks.*

PAUL KLINGBELL, Sec'y and Treas. Partridge Plymouth Rock Club, WALPOLE, MASS.

Christie's S. C. White & Brown Leghorns

Having been bred for thirteen consecutive years, represented in every State in the Union, Austria, South America, Bermuda and Canada, they stand today without an equal as egg producers, the foundation upon which all branches of the Poultry Industry hinge. Would thousands of our pleased patrons place increased orders with us year in and year out if our birds were not as we represent them. There can be only one answer to the above question, and that is "NO". Then why ponder, when we offer Day-Old-Chicks and Eggs for hatching, from the World's greatest layers? "Better be right than sorry". Write today for our illustrated catalogue.

WAYNE POULTRY FARM,

F. W. Christie, Proprietor,

Box 67,

Stony Point, N. Y.

S. C. White and Brown Leghorn Chicks—\$15.00 per 100.

INDIAN RUNNER DUCK STANDARD

By J. Donald, England

I have had sent to me a recent issue (October) of AMERICAN POULTRY WORLD, in which I see a genuine attempt to settle some points that are at present agitating "Runnerdom" on your side, is being made.

It may not be to your knowledge that nearly five and twenty years ago, I wrote a pamphlet on the breed as it existed and had previously existed in this country at a time when the late Wm. Cook, Orpington, and a few others were trying to boom a small gutter, nondescript, typeless duck as Runners—fortunately accompanied by an illustration.

I am sending you two copies of this pamphlet in the hope that it may assist you on some points of the controversy. In one copy I have obliterated all matter that does not directly bear upon the character and qualities of the duck itself, in the hope of bringing out more clearly a few points upon which doubt seems to hang with you.

This was the first reliable and authentic account of Runners as far as it could be then ascertained and all succeeding writers have made it the basis of their remarks whether for approval, criticism or elaboration, etc. I may say that fuller investigation of a more recent experience bears out the accuracy of what is said in this

brochure in a very remarkable degree. The corrected obliterated copy reads as follows:

This variety of duck has been known in Cumberland for upwards of fifty years. Their extraordinary laying properties were sufficient to very strongly impress the economic mind of the Cumberland farmer, and as their fame as layers extended, the drakes were eagerly sought after and largely employed to cross the ordinary farm-yard ducks of the county with a view to improving their egg-producing qualities. They were not known to their introducer by any special or distinctive name, having simply attracted his attention by their active habits and peculiar penguin carriages. These peculiarities contrasting so strongly with the ordinary English Duck, combined with the ac-



S.C. RHODE ISLAND RED PULLET
Bred and Owned by
B. H. SCRANTON
RISING SUN, IND.

The pullet shown above was in Mr. Scranton's first prize pen at Louisville, Ky., where he made a wonderful record by winning more first prizes than all other competitors combined. He has a new mating list now ready that describes his matings and many of his recent winners.

BESUDEN BROS. "Puritan" Partridge Plymouth Rocks

Their wonderful winnings at four of the leading shows of America demonstrates the quality of stock we have in our yards. At **Chicago, Louisville, Indianapolis** and **Cincinnati** won every first we competed for except two. The Grand Champion Cock "Pride of Ohio" winner of Championship Cup at Cincinnati and First at Indianapolis, will head one of these matings. Both judges and breeders pronounced this bird the Most Typical Partridge Rock they ever saw. For the 1913 egg trade we have

TEN VERY SELECT MATINGS

Every pen headed by a male of the richest blood lines. We know we can furnish our customers with as good Partridge Rocks as any breeder in the world, at very reasonable prices.

LIST OF MALES HEADING 1913 MATINGS

Cock,	-	-	First Cincinnati and Indianapolis, 1913.
Cockerel,	-	-	First Cincinnati, 1913.
Cockerel,	-	-	First Louisville, 1912; First Indianapolis, 1913.
Cock,	-	-	Headed First Pen, Cincinnati, 1913.
Cock,	-	-	Second, Cincinnati, 1913.
Cockerel,	-	-	Headed First Pen, Louisville, 1912.
Cockerel,	-	-	Third, Indianapolis, 1913.
Cockerel,	-	-	Headed Second Pen, Chicago, 1912.
Cockerel,	-	-	Sired by First Pen Male, Madison Square Garden.
Cockerel,	-	-	Full Brother to First Cockerel, Chicago, 1912.

These males are mated to females winners at Chicago, Louisville, Cincinnati and Indianapolis. We also have in our yards that wonderful Pullet, "Chicago Queen" winner of First at Chicago, 1912, and a marvelous hen from First Pen at Madison Square Garden. Also that grand breeding hen "Rose of Oaklyn". The greatest breeding Partridge Rock hen in this country. We will sell a limited number of eggs from every pen. Orders for eggs should be booked early. Our illustrated mating list mailed free.

C. A. BESUDEN, Prop., Box 359 W, CINCINNATI, OHIO, R. W. STURTEVANT, Mgr.

count of their egg producing capabilities, and the fact that they subsisted almost entirely without being artificially fed,—were in fact able to get their own living during the greater part of the year, suggested that they would be a desirable and acceptable present to England. /

It became necessary that these strange looking ducks should be known by some special or distinctive name, and from their running movements when in motion, instead of waddling like a duck, combined with the source of their nativity, the not altogether inappropriate title of "India Runners" was coined for them, and between this and "Indian Runners," or simply "Runner Ducks," they have since and still continue to be known. Had the original fallen into the hands of some fancier instead of to the lot of a country farmer, their fame would in all probability have scored much more rapidly, and their original qualities and peculiarities have been preserved in a higher and more perfect degree than what obtains today. Indeed since the poultry fanciers have gotten hold of them, there is probably not a county in the kingdom where they or something akin to "Runner Ducks" i. e., with more or less true Runner blood in their veins—are not now known.

That a great many cross-bred Runner Ducks have been distributed over the country is a well known fact, and the general ignorance of their origin

and characteristics has enabled this to be easily accomplished; indeed very few of the original type are now to be found, having always been kept in a very few hands. The large majority of so-called "Indian Runners" have been produced by the use of the "Runner" drakes with farm yard ducks, and the object of this brochure is to record the characters of the earliest ancestors and to preserve from annihilation the true character of the birds as originally imported.

An almost distinct variety of grey and white fawn white Runners have been established, and by a few years' careful selection and judicious breeding the type could be fixed; those of the lighter brown shades of greys are, as a rule, decidedly the best shaped, and possess most true runner type, which is no doubt owing to their closer relationship to the original stock.

CHARACTERS

Both drake and duck should be close and tightly feathered with very erect carriage. Compared with other domestic ducks they are small, their average weight being from 3½ lb. to 4½ lb. each. They are alert and sprightly, with very active habits, nearly always being on the move.

The head is fine and comparatively flat, with the eyes situated high up. The bill is very strong, at the base broad and long, coming straight down from the skull, giving it a wedge-

shaped appearance, any dishing of the upper mandible being a great defect and an almost sure sign of foreign blood.

The neck is slender and very fine, especially more in ducks when in full lay. The body is long and narrow, elevated in front, and the head carried high, giving the peculiar erect carriage when on the move; but the carriage is not so much of the penguin form now as formerly, and whether this effect is owing to climatic influences, the introduction of foreign blood into many strains, or to in-breeding, it is difficult to say with accuracy, but probably they have all shared to a great or less degree in producing the defect.

COLOR AND MARKINGS

The color and markings are not easy to obtain, as from want of selection they are apt to come somewhat broken in color.

The colored parts of the body of both drake and duck are of a soft fawn shade, and that of the drake finely pencilled and giving it a somewhat deeper reddish-brown tinge towards upper part of the breast, while the feathers of the duck have a brownish centre to each feather, and a fine lacing of a lighter buff shade at the margin. The upper part of the tail and curl feathers of the drake is of a darker shade, somewhat resembling the color of his head.

They are excellent foragers and



BESUDEN BROS. Champion Buff Wyandottes

Have proven their superiority over **all others** by their wonderful and unequalled show record. At six of America's greatest shows in the fiercest competition they won 30 out of a possible 32 first prizes and almost all other prizes of importance. Showing at the Great Coliseum Show, Chicago, Cincinnati, Nashville, Ohio and Indiana State Fairs and Hamilton, O. This record demonstrates beyond doubt that we have

THE REAL CHAMPION BUFF WYANDOTTES

For the 1913 egg trade we have twenty of the most beautiful pens ever mated. Each bird at the head of every pen is a noted winner. All mated with the finest lot of Buff females in existence. Over twenty years of scientific breeding and the richest blood lines back of this flock.

LIST OF WINNERS HEADING 1913 MATINGS

- | | |
|---|---|
| Cockerel, First Cincinnati, 1913. | Cock, First Grand Central Palace, 1911. |
| Cock, "Sturdy Boy", Boston, 1911. | Cockerel, Second Cincinnati, 1913. |
| Cock, First Cincinnati, 1913. | Cockerel, First Nashville, 1912. |
| Cock, First Nashville and Ohio State Fair, '12. | Cock, Second Boston, 1911. |
| Cock, First Chicago, 1910. | Cock, Second New York, 1911. |
| Cock, First Toronto, 1911. | Cock, First Indiana State Fair, 1912. |
| Cockerel, First Pen Chicago, 1912. | Cock, First Columbus, Ohio, Jan. 1912. |
| Cock, First Cockerel Columbus, 1912. | Cockerel, First Hamilton, 1912. |
| Cock, First Cincinnati, 1912. | Cock, Third Boston Pen, 1911. |
| Cockerel, First Cincinnati, 1913. | Cock, Fourth Chicago, 1912. |

We will raise chicks and sell eggs from every one of the above matings. To win the most coveted prizes you must have **Champion Buff Wyandottes**.

THE GREAT SHOW BIRDS THE MOST WONDERFUL LAYERS

Send for our beautiful illustrated mating list.

F. BESUDEN, Prop., Box 359 W, CINCINNATI, OHIO, R. W. STURTEVANT, Mgr.

from their active habits are almost able to maintain themselves on slugs, worms, frogs, etc., during the greater part of spring and summer without supplemental food, except an evening meal, when allowed free range on the farm.

They are non-sitters, seldom becoming broody, and not to be relied upon to sit if they do.

Their flesh is of very fine quality and flavor, but only small in amount, and they do not fatten as do the larger and less active breeds, and on this account can not be recommended as a breed to be profitably reared for table use.

It is as layers that they are mostly prized, and for this purpose they have no competitors.

EVIDENCE OF CROSS-BREEDING IN RUNNER DUCKS

The round, short, dumpy shape and level carriage of many strains, indicate a too close consanguinity to the common farm yard grey duck.

SELECTION OF BREEDING STOCK

In selecting breeding stock, only sound colored birds, with fine, slender necks, and erect carriage should be chosen as indicating purity of race and laying qualities.

CHAS. SWITZER

Chas. Switzer of South Euclid, Ohio, added more victories to his already long list at Pittsburgh and Cleveland. The Roseland Single Comb Buff Orpingtons won at Pittsburgh, first and second pullet; second cockerel, and third cock. At Cleveland, Jan. 20 to 25, 1913, second cock; third cockerel; third and fourth hen; fourth pullet; third and fourth pen, and second best display. The Roseland Buff Orpingtons are always heavy winners in any show room. Write for mating list and mention A. P. W.

HAS 60,000 EGG CAPACITY

The Michigan Poultry Farm, Lansing, Mich., has an incubating capacity of 60,000 eggs at one time, hence may be classed as one of the foremost day-old chick producing plants. Its output runs into the hundreds of thousands, yet they report that they usually sell two-thirds of their output before the chicks are hatched.

All buildings on the Michigan Poultry Farm are of the fresh-air type. Their new open-front laying house is built on the plan advocated by Prof. Gowell, of Maine, and it is so arranged that each bird has the run of 2,500 square feet of floor space instead of the 250 feet usually given the average flock.

The new house accommodates 750 layers and breeders with the greatest abundance of air, water, fresh feed and exercise. There is a specially built bed of clean, white sand, which has proved a most profitable addition. Adjoining are the feed rooms and quarters for the attendants, and beneath are the engine room and workshop. In the cellar there are sprouting rooms for furnishing green food in winter.

They have four 15,000-egg Hall mammoth incubators. Over the incubator cellar is the nursery brooder house, in which the chicks are kept until they go to the range or colony houses.

The superintendent of the farm is a graduate of the Cornell Poultry College, and Prof. Rice's Cornell balanced ration is used for the birds on the farm.

They have issued an attractive booklet describing their S. C. White Leghorns and giving prices, which will be sent free on request, if you mention A. P. W., and address Michigan Poultry Farm, Lansing, Mich.

ROYAL BLUE BARRED ROCKS

One of the oldest and most successful breeders of Barred Plymouth Rocks in America is A. C. Hawkins of Lancaster, Mass. We remember looking over Hawkins' Royal Blue Barred Rocks thirty years ago, and we have looked them over on many occasions ever since. That Arthur Hawkins has produced some of the greatest winners in the country none will dispute. His new catalog just issued tells the story of his winnings more eloquently than any words of ours can. The illustrations of his noted winners also prove their high class, notably the portrait of "Royal Blue", first prize sweepstakes champion cockerel at Madison Square Garden, New York, 1911-12. This is the best picture of a Barred Rock male that has been produced by an American artist up to the present time, and it does the bird full justice, for in correct type, even color markings and ideal head points he was a splendid model for Artist Schilling to work from. Besides the Barred Rocks, White Plymouth Rocks and Columbian Wyandottes are bred with equal great success by Mr. Hawkins. This excellent businesslike catalog will be sent to readers who mention AMERICAN POULTRY WORLD, when addressing A. C. Hawkins, Lancaster, Mass.



1913 Catalogue Free

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

S. A. HUMMEL

Box 80,

FREEMONT, ILL.

The Improved Champion Leg Band



Aluminum only; two sizes; adjustable to fit any fowl. Held by double lock. Can't lose off. Postpaid 12-15c; 25-20c; 50-35c; 100-60c. Initials 10c per 100 extra. 50 or less 5c. Also Pigeon Bands.



T. CADWALLADER, Box 1312, Salem, Ohio

S. C. RED PYLE LEGHORNS

Winners of 16 prizes in Madison Square Garden 1911, Silver Cup and 20 prizes, Middletown, N. Y., 1912. Eggs \$5.00 per 15. Circular. **Special Offer**—a copy of the new Leghorn Book free to every customer.

GEO. E. HOWELL.

HOWELLS, N. Y.

ROSE "RED-W-FARM" SINGLE

Winners where shown. Heavy Winter Layers. On Rose Comb, Auburn, N. Y., 1st pen young, 3rd hen, 3rd pullet, 3rd and 4th cockerel. Five entries Rochester, N. Y., 4th pen, 3rd hen, two entries. Eggs 75 cents to \$7.00 per 15. Mating list ready.

WADSWORTH & CASTER,

WOLCOTT, N. Y.

EAKIN'S WHITE WYANDOTTES

Won at Ohio State Show 1-3-4 cock, 2-3 cockerel, 2-4 pullet, 3 pen, special for best shaped male, special for whitest male. Our breeding pens contain these winners as well as the birds that produced them. Eggs \$5.00 per 15, \$9.00 per 30, \$12.00 per 45.

F. M. EAKIN,

Box 61,

BUCYRUS, OHIO

Little's Rose Comb Rhode Island Reds PURE I. W. BEAN STRAIN

Like Begets Like. Our wonderful First Prize Cockerel at Boston this year is a son of our First Prize Pullet at the Big Boston 1912 Show. She also winning color and shape specials. If you wish to improve your strain send to us for a cockerel, pullet or a setting of eggs. We sell from our best. Address

GEO. W. LITTLE,

29 Mt. Vernon St.,

BRAINTREE, MASS.

S. C. Brown Leghorns Exclusively

Winners at all the leading shows. Pens mated up for spring egg trade. One pen for pullet mating, one pen for cockerel mating. Send in your orders for eggs now, as only a limited number of egg orders will be accepted this year. One of my customers reports winning first and second pullets at Albany, N. Y., January, 1913, from one setting of eggs purchased of me.

Wm. Reepmeyer,,

P. O. Box 60,

C ohoes, N. Y.

DANISH LEGHORNS

We imported our foundation stock from best and most successful breeder of S. C. White Leghorns in *Denmark*. We breed for egg production and health. When you get tired of trying to get first class eggs in paying quantities from in-bred culls, you will appreciate the sterling qualities of the bred-to-lay Danes. Hatching eggs and stock for sale.

Armstrong Bros.,

Loch Raven, Md.

BRITISH WHITE WYANDOTTES

STERLING UTILITY QUALITIES OF WHITE WYANDOTTES FORCED THEM TO THE FRONT IN ENGLAND. COLOR OF ENGLISH BIRDS VERY GOOD, BUT JUDGES OVERLOOK DISQUALIFICATIONS IN ENGLAND AS A RULE. THE WHITE WYANDOTTE CLUB SHOWS HELD ANNUALLY ARE RESPONSIBLE FOR THE GREAT POPULARITY OF THE VARIETY TODAY

By Stephen Hicks, Hon. Secretary and Treasurer White Wyandotte Club and President Poultry Club, England

Although some English strains of White Wyandottes undoubtedly owe their origin to importations made from fanciers across the "herring pond", it is equally true that others purely English, have arisen. The latter owe their descent to the same origin as do their American cousins, the Silver Wyandotte.

It is not very clear as to who first bred the variety over here, but evidence exists that there were White Wyandottes in England 25 years ago, that is to say, about three or four years after the Silvers first appeared on these shores.

For many years Whites languished in popularity; classes were not provided for them at shows, and in fact the boom in Orpingtons then just beginning, completely overshadowed all else in the poultry world, the closing decade of the last century.

STERLING UTILITY QUALITIES OF WHITE WYANDOTTES

Sheer merit, however, was not to be denied and the sterling utility qualities of the White Wyandotte forced it, very gradually at first, to the front. In 1900 there were not more than a dozen breeders of any standing whatever keeping Whites in England. Suddenly a year or two afterwards, they won the laying competition of the Utility Poultry Club, with a record score, and repeated the success a year later. In 1903 the writer helped to form the Specialists Club for that variety and from that day to this it has never looked back on its steady progress to the very rank of popularity. It is no exaggeration to say that today there are more White Wyandottes than any other variety of fowl kept on these Isles.

WYANDOTTE CLUB SHOWS

This club holds an annual show of its own, each year, in a different quarter of the country. This time the event will be held at York, December 10-12. Here there will be eleven classes, some 250 birds, with 8 cups and eleven gold medals to be competed for. The schedule provides one class each for cock, hen, cockerel and pullet, open to all; four classes for novices, one for breeding trios and two limited to birds priced at 3£. each.

The judge is elected annually by the members and has a free hand in the awarding of the prizes; it usually takes him three hours to get through our club show. It frequently happens that the same bird will be very differently placed under another judge the next week.

The color of our Whites is now very good indeed, in fact a sappy or

even a slightly tinged bird stands very little chance even at small shows. English judges go for size too very strongly and a small bird, however, shapely and white, is heavily penalized. This preference for big birds (and there is no limit remember) has led to the main difference between English and American White Wyandottes—the latter we take it being shown with little or no ap-

parent thigh, and will prove (at any rate in the humble opinion of the writer) an unreparable stumbling block between us should the question

THE NUTMEG STRAIN

Rose Comb Brown Leghorns. Exhibiton and Utility stock. Baby Chicks and Eggs for Hatching in season.

FIREFLY FARM,

BOX K, GUILFORD, CONN

BROWN LEGHORNS.

THE EMPIRE STRAIN ALWAYS WINS.



A NEW BOOK ON AN OLD SUBJECT By W. H. Card, Manchester, Conn. Containing 20,000 words on breeding problems boiled down to the "maple sugar" of common sense, without one wasted thought. Also contains a breeding chart, easily understood, of seven years duration which explains in and line breeding as it should be practiced for best results. This book contains nothing but rock bottom facts based on experiments and observations of forty years experience with fancy fowl. A book of incalculable value to the beginner whose aim is SUCCESS. **PRICE \$1.00 POSTPAID.**

Brubaker's S. C. White Leghorns

are blue ribbon winners at the leading shows 1912. At Allentown won 1st cock and 1st hen. At Philadelphia won 1st hen also special for best head and best shape male. At the New Jersey State Show, Camden, won 5 firsts in a class of 96 birds, also special for best cock in show. If you want eggs that will produce winners send for mating list.

E. E. BRUBAKER, Box D, BIRD-IN-HAND, PA.

ROSE COMB REDS

Our matings are the strongest in our history, and we sell eggs from these matings without reserve at \$6 per 15, \$11 per 30, \$15 per 45. Send for Catalogue. Address

Red Lion Poultry Yards, Jenkins & Park, Props., Chatham, Col. Co., N. Y.

STANDARD BRED

FAWN and WHITE I. R. DUCKS

White Egg Strain

S. C. R. I. REDS (that are Red)

For Utility and Prolific Laying these two Strains are "Bred Right." Eggs for Hatching, and Day Old Chicks and Ducks.

Satisfaction Guaranteed.

Willow Branch Poultry Farm, R. 1, Chillicothe, Ohio

The A. B. C. at Boston

After a series of unparalleled winnings in the leading shows of the United States, Cox's S. C. Buff Leghorns make a big win at the great Boston Show, January 6-11, 1913. They win as follows,—Cocks 1st and 2nd; Hens 2nd and 3rd; Cockerels 1st, 3rd and 4th; Pullets 2nd and 6th; Pens 1st. Finest display with a score of 60 points which is the highest score ever made in Buff Leghorns at the Boston Show. Special for best three Cockerels and three Pullets, also shape and color special on males. My pen was the talk of the show room. Give the A. B. C. a trial and be convinced. Write for mating list.

A. B. COX, 49 Thurston Rd., ROCHESTER, N. Y.

of International Standards ever be seriously considered.

In judging English White Wyandottes, even at our classic shows, it

are decidedly more wedge like in shape of tails than the English and rightly so in the opinion of the writer; in males, the sickles and hangers of the English birds are longer, fuller and more sweeping than is the case with their American cousins, which, while perhaps making them look more graceful, certainly detracts somewhat from the cobby effect.

DISQUALIFICATION S OVERLOOKED

As to disqualifications, these are very rare and in fact the writer can not call to mind a single case of a White Wyandotte having been protested against, though in stances are not very numerous in the breeds. Birds can win with down between the toes, and, as has been stated, with one of two stub pits in shank, but a judge will not unfrequently merely pass a bird that he considered doubtful in age, maybe, or that he thinks has been fraudulently dealt with.

On the whole we are glad to say, that the White Wyandotte is a very clean fancy and contains a number of the best respected breeders who, if they are keen rivals, are very good friends.

Summing up, we should say that the main difference between our respective birds is one of length of thigh, that English birds are bigger than and quite as white as American, even if taken as a whole they are not quite so even in type. Here's the best of good wishes and luck, anyway, to all fanciers of White Wyandottes, no matter on which side of the pond they happen to reside.

A. A. WHYLAND

A. A. Whyland's 1913 mating list of his Imperial Strain of Columbian Plymouth Rocks gives a record of the winnings made by his stock at several large shows held last season, and as these include the blue ribbons in all the classes Mr. Whyland entered, the quality of his stock speaks for itself. Six choice pens have been mated up from which eggs will be sold at prices that are within the reach of all. Address A. A. Whyland, Chatham, N. Y.



SECOND PULLET, OHIO STATE SHOW, MANSFIELD, O. 1912. BRED AND OWNED BY F. M. EAKIN, BUCYRUS, OHIO

WHITE WYANDOTTE PULLET.

F. M. Eakin, Bucyrus, Ohio, is rapidly coming to the front as a breeder of high-class White Wyandottes. His entries at numerous shows of the middle west have given a good account of themselves with the result that Mr. Eakin has accumulated a large number of blue ribbons, silver cups and other trophies. The bird illustrated above is one of his recent winners.

occasionally happens that the premier award goes to a bird with pale legs, traces of white in lobe, a ticked feather or two or maybe a stub here and there in shanks, but of the bird possessing either of these failings it would have to be super-excellent in color, shape and size.

In combs also, we are not perhaps quite so particular as we might be, though a neat well-worked head piece, with a close fitting leader is much admired. As to eyes, it is somewhat rare to find a light one in our winners, whilst a pearl eye would put a bird out of the running altogether, save perhaps at the most insignificant of exhibitions.

The only remaining difference between our respective White Wyandottes is to be found in the shape of tails. The American white pullets

EGGS

AND

CHICKS

AT

REDUCED

PRICES

Send for this
132 page Free Catalog

Now is the time to hatch Leghorns for Winter eggs. May hatched birds will lay in October and November and produce eggs all winter.

Eggs from our bred-to-lay utility matings are only \$1.95 per setting or \$10.00 per 100 in April and in May only \$1.75 a setting or \$8.00 per 100. We can make prompt shipment of orders of any size. Day old chicks \$20.00 per 100 or \$180.00 per 1000 in May. Our thousands of breeders and our incubator capacity of 25,000 eggs enable us to ship any number promptly on receipt of order.

We have some splendid exhibition matings and trapnested laying pens and you will find complete description and prices of these in the big 132 pp. catalog.

We guarantee safe arrival of chicks and replace all infertile eggs free of charge.

Summer Sale of Stock Starts May First

Splendid values in stock of all grades, thousands of cocks, cockerels, pullets and hens bred from our special laying pens and our exhibition matings. Large vigorous birds that will win and produce winners for any show. Write for prices and full particulars—we ship on approval and guarantee absolute satisfaction.

Have you had a copy of our new 132 page catalog? If not send a postal today for it contains so much valuable information about White Leghorns that you cannot afford to be without it. Remember that it is absolutely free and that we will be glad to send you a copy by return mail.

GEORGE B. FERRIS

The Ferris Leghorn Farm
908 North Union, Grand Rapids, Mich.

R. C. Caldwell Ships "Baby Chicks of Quality" On Short Notice. See Ad. on Page 569.

NORTHUP'S MINORCAS AGAIN VICTORIOUS

It is the same old story, at the Great Baltimore Show we won every first and second, three third and one fourth prizes on our R. C. Black Minorcas. Also six Solid Silver Spoons as Special for Best Display in the Mediterranean Class and \$5.00 in Gold as Special for best two males and four females in R. C. Black Minorcas. At Warrenton, Va., "Virginia's Quality Show," we won every first, second and third premium in the open class and first pen on our Rose Comb Black Minorcas. We have purchased nearly all the important winners at the Madison Square Garden Show for the past two years and these, together with our own noted winners will be in our best matings this season. Book your orders now to avoid disappointment. We still have a grand selection of breeding stock in both Rose and Single Comb Black Minorcas also Utility S. C. White Leghorns. Catalogue and price lists free on request.

NEW YORK & NEW JERSEY POULTRY FARMS, Inc.,

MARCUS ALLEN NORTHUP, Mgr., Successors to Geo. H. Northup & Son, R. F. D. No. 1, ORANGEBURGH, N. Y.

WHITE LEGHORNS IN THE LEAD

THE RESULTS OF THE FIRST THREE MONTHS OF THE EGG LAYING CONTESTS COMPARED. LARGER RECORDS EXPECTED

By O. WILSON

In passing the flag at the first quarter in the race for high egg scores the contestants at Storrs have the field well divided with the White Leghorns in the lead.

Inasmuch as it is generally conceded that no race is over until the flag falls, it is much too early to make a definite prediction of the probable results for a lot of stumbles may occur for the energetic leaders of the quarter.

From a pleasant position in the grand stand that affords us the opportunity of listing them by place, the entries have made the first quarter in the following arrangement as shown by the highest scoring pens of the varieties entered. The high scores of the last contest are put into contrast with the present arrangement and a glimpse of the progress made in the previous contest is put to the acid test of comparison.

	This Year	Last Year
White Leghorns.....	267	240
Buff Leghorns.....	206	93
R. C. R. I. Reds.....	196	169
White Wyandottes.....	194	166
S. C. R. I. Reds.....	179	189
White Orpingtons.....	147	138
White Rocks.....	132	66
Barred Rocks.....	109	147
Brown Leghorns.....	83	106
Columbian Rocks.....	65	73
Buff Orpingtons.....	56	154
Columbian Wyandottes.....	51	73
Anconas.....	49	41
Black Minorcas.....	28	50
Buff Wyandottes.....	28	113
Silver Wyandottes.....	11	27
Buttercreeps.....	0	40
	1800	1884

Last year there were three varieties entered that do not appear in the present contest and a similar number are entered this year that were not in the last competition. The total of eggs from the three respective entries stands:

This year.....109
Last year.....179

Looking at the total production by leaders, the present competition is not the equal of the first, although the indication for a higher total score all pens included seems to lie to the advantage of this year's contestants. The average per bird entered, stands at the close of the 13th week at 16 3-5 for this year as against 15 1-4 for last. At this period of the former contest

We won at Boston, 1913, 6th cock, 4th pullet and special on only 3 entries in a hot class green stock out of 200 Egg per year Hens. Fine Cockerels, Cocks and Females, Book your order for Eggs and Baby Chicks now. 200 Egg Chicks \$20.00 per 100. Eggs half as much. Get Vermont stock of this breeding and be at the head. Write wants for booklet.
SUNNYSIDE POULTRY FARM, BRISTOL, VERMONT

BAIN'S BUFF WYANDOTTES Mapledale Strain
Line bred for 20 years. Big winner in the hottest class of the year at Albany, including first and third cockerel against the best Lord Birds. Fine breeding stock for sale. Eggs for hatching a specialty. Address
MAPLEDALE POULTRY FARM, G. W. Bain, Prop., NASSAU, N. Y.

Hundreds of Prizes won on Land and Water Fowl at the largest shows this past season. We have eggs for hatching from R. I. Reds, Black Javas, S. C. Black and Silver Duckwing Leghorns, White Crested Black Polish, Hondans, R. C. Balck Minorcas, Partridge Wyandottes, Barred Rocks and all varieties of Ducks and Geese. Our White China Geese are Champions of the World, having won over 100 first premiums at the leading shows in the country, viz., New Yor, Hagerstown, Boston, Cleveland, Baltimore, Syracuse, etc., the past few years. Our Brown Chinas are equally as good. A few choice birds from these two varieties for sale also eggs for hatching.
HILLCREST POULTRY FARM, W. P. and Edith L. Masten, PLEASANT VALLEY, N. Y.

MAPLECROFT S. C. RHODE ISLAND REDS

Our Pullet, Palace Queen, won 1st at both New York Shows, Shape and Color Special, 1911. Our Pullet, Red Princess, won 1st at both New York Shows, Shape and Color Special, 1912-13; both bred and owned by Maplecroft Farms. We also own PAFRIKA, 1st Cockerel, New York, 1912, one of the best birds ever bred.

EGGS for SALE from choice Matings. Send for Circular.

MAPLECROFT FARMS, PAWLING, N. Y.

PRESCOTT'S ORPINGTONS

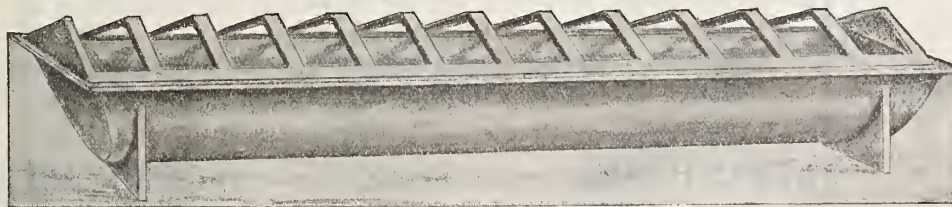
BUFF, BLACK, WHITE AND DIAMOND JUBILEE

Located in their new home. We are only 23 miles from Boston, on the main line of the B. & M. R. R., which gives us the best of train and express service.

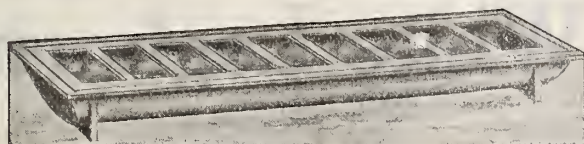
We have grown a grand lot of Orpingtons and are prepared to furnish choice birds in both old and young stock. Let us hear from you.

H. B. PRESCOTT, 75 Salem Street, ANDOVER, MASS

SAVING FEED MEANS MORE PROFIT



THIS SIZE FOR FOWLS



THIS SIZE FOR CHICKS

Sanitary Feeding
Troughs and
Drinking Fountains
mean
Healthier Birds

The Superior Feeding Troughs

eliminate waste. They are perfectly sanitary, as the lids lift off and one can readily cleanse both the lid and trough. Send for catalogue containing prices and possibly information you may find beneficial.

The American Foundry & Manufacturing Co., Frederick, Md.

average figures and have in addition been afforded no little assistance by king winter, who has generously retired to some unknown place from which he may jump out at us with a great big "Boo" when we are least expecting it.

Even though such a playful demonstration be brought into action now it would not materially lessen the weekly scores, for, with the approach of spring into the blood of these producers, the records will continue to climb higher and higher, even to the pinnacle of excellence exhibited last year and very likely in excess thereof.

The Missouri birds are likewise showing the proper spirit and the management cannot but be highly pleased with the superb quality shown by the entries.

Here again the White Leghorns leads the list, one pen having produced 476 eggs in the two and one-half months that the competition has been open. The Wyandottes as a breed have a fine "look in", for all of the three pens of Whites that were entered are included with the ten leading pens, while two pens are also enjoying the same distinction. The pen of White Leghorns mentioned is the only pen of the egg type that is trotting in this class.

A Black Orpington laid an egg every day during January. Fourth in the race as an individual. She has helped her pen to a like position and it is possible that the fine records made in Australia by a pen of this variety may be equalled or excelled for our American Poultry Statistics.

The absence of cold weather is likewise helping here, for in the month of January, last year, (640 layers—5 hens to the pen) 3203 eggs were produced. The weather then was something to remember. This year the production (600 layers—10 to the pen) amounted to 7016 eggs much more than double and the weather was so mild that is reported that a fruit grower had to plant ice around his trees to keep them from blooming.

In the feeding tests the pen that has free access to twenty-eight kinds of feed are still leading the entries in this department, but while we are going to look to this branch of the contest for results to govern our future feeding methods for getting eggs and lots of them, not a few of us are hoping, herewith that this pen may not be the leading entry at the close of the year, for with the exception of a few isolated cases it would not be possible for a progressive breeder to follow up a feeding formula that required twenty-eight ingredients to complete it.

The tabulated arrangement of these feeding methods that will be shown at the close of the year will allow the

reader to select a method that suits his conditions and which will be, by reason thereof, to his high advantage.

PAYNE BROTHERS' REDS

Payne Brothers, Portland, Conn., issue a very neat mating list this season, which gives an accurate and clear description of their Rose Comb Rhode Island Red matings for 1913, and the nine pens mated up by these noted experts should produce some of the best youngsters of the year, as no better blood exists than that which flows in the veins of the Reds bred by Messrs. Payne. The stock is nearly pure "Tuttle" blood, and the strain has been gradually built up by Payne Bros., in the thirteen years past, so that it reproduces its kind most generously. Their first prize pen of Rose Combs at the Boston show, January, 1912, was one of the finest pens ever exhibited, in fact several breeders thought it the best ever shown. A careful study of Payne Bros. new mating list will convince Rhode Island Red breeders that the men behind those Rose Comb Reds at Portland know their business, and no Red breeder should fail to send for one.

Rose Comb Minorcas



First Prize Winners New York. Exhibition bird or any show. Breeding stock of great laying qualities. Eggs for hatching in any quantity guaranteed. Catalogue free.

A. G. Clark,

Seymour, Ind.

Rose Comb Rhode Island Reds For a number of years we have been breeding Reds on the quiet and now think we can place them before the public and give satisfaction. Eggs from exhibition matings \$3.00 per 15. Eggs from utility matings \$8.00 per hundred. **Baby Chicks \$13.00 per hundred.** Send for our circular with list of winnings at the only show that we entered our Reds at.

SPRINGSIDE POULTRY FARM,

J. W. & J. Edw. McNeil,

Box B,

CANAAN, N. Y.

Deming's Single Comb Rhode Island Reds

Latest winnings—Waterbury, Conn., Dec. 17-20. A clean sweep. 1st and 2nd cock, 1st and 4th hen, 1st and 2nd cockerel, 1st and 2nd pullet, 1st and 2nd pen. Winning State Cup of R. I. Red Cub for the second time. At Madison Square Garden, 4th cock and 3rd pen. Best laying Reds at Storr's Egg Laying Contest. Certified average of 186 eggs per hen. Stock and Eggs For Sale. Catalogue Free.

H. P. DEMING,

ROBERTSVILLE, CONN.

White Wyandottes

Exhibition and Utility Stock for sale, all farm raised under ideal conditions. Eggs for hatching from 10 pens of grand stay White Birds. The male heading each pen has won in hot competition.

Ernest H. Beardmon,

Seymour, Conn.

WHITE PLYMOUTH ROCKS WOLVERINE STRAIN

Why not let me supply you with a winner for your *coming* exhibition? The *Wolverine Strain* has been winning the creamy prizes for years at leading shows for customers in all parts of the country. *Why not for you?*

I have a choice lot of young and matured show birds for sale at reasonable prices. Write me your wants and where you wish to show—I can satisfy both in quality and in price.

Catalogue containing articles on feeding, conditioning, etc., mailed on receipt of 10c. *Now shipping egg orders.* Send yours if you want early chicks.

LYMAN H. HILL,

Sta. 2,

JACKSON, MICH.

Partridge's S. C. White Leghorns

BREEDING PENS HEADED BY THIS SEASON'S PRIZE WINNERS

Extra Fine Eggs from Mature Stock
for Hatching.

UTILITY AND SHOW
STOCK.

Booking Orders Now for Delivery after
February 25, 1913.

CHAS. W. PARTRIDGE

R. F. D. No. 1,

WHITE PLAINS, N. Y.

**STANDARD DESCRIPTION OF THE
COLOR MARKINGS OF SILVER
WYANDOTTE MALE WING
COVERTS SHOULD BE
CHANGED**

By R. F. Alden

I believe in order for mankind to reach the highest ideal in life, he must aim at a mark, or have his standard set above and beyond anything yet attained. This gives one a stronger incentive to do his best and to think, study and act for himself, in order to reach this higher ideal.

As breeders and fanciers of the grand old Silver Wyandottes (or Goldens) have we not been a little slow in not making a change in our Standard to keep up with or in advance, if possible, of the more advanced idea of the progressive breeders I wish to speak chiefly now of one section that I think has been neglected, that of the wing coverts or wing bow of the males. The more progressive breeders are today in advance of our present Standard, I think, as regards this one section. Our present Standard, you will notice, still calls for the wing coverts of the males, upper web black and only lower web white laced with black. Now some of the oldest and best breeders of Silvers have known for years that there was a better marking than this for this section, and have been producing some males that have wing coverts with entire center of feather white (both upper and lower web) laced with black. This I think is as it should be and it is of great value to the breeder to help produce our best standard pullets with the large "oval center."

This fact has been talked over and some articles written in regard to it several years ago and I hoped to see our present Standard calling for this change, but for some reason it has been neglected. Perhaps the breeders did not call for it. Now we have a good growing Silver Wyandotte Club

and I wish to again call this to your attention, as it is an important section. I feel it is time the breeders of Silvers (and Goldens) demanded a change in this section. Perhaps all may not agree with me in this as yet, but I am sure, brother fanciers, if you will give more study to this section, you will favor it quickly. I have bred and judged the Silvers some thirty years and the Goldens for many years and devoted much time to the study of the whole Wyandotte family, and I feel a great interest in them and am glad the grand old Silvers are now looming up and again taking a prominent place in the front ranks, and I should be pleased to see this section changed in our next Standard to read something like this: **Wing Coverts of males, web of feather white, laced with a narrow lustrous greenish black, sharply defined lacing to extend around entire feather, lacing to widen a little as it approaches the tip, forming at least two well defined lines of laced**

SINGLE COMB ANCONAS

The Blue Ribbon winners and the kind that lay. Orders now booked for eggs.

Lee Roy Konklin, Box 256, Philmont, Col. Co., N. Y.

"How to Breed and Feed Buff Dottes"

Elegant and Instructive
New Text Book—Only **20c**

ROCKY RUN FARMS, Box 40, NORTHFIELD, OHIO

<p>Smith Sealed. Prices postpaid —12, 30c; 25, 50c; 60, 81.00, 100 \$1.50; 500, \$6.50; 1000, \$12.50.</p>	<p>LEG BANDS</p>	<p>Leader Adjustable. Prices postpaid—12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1000, \$5.25.</p>
<p>Write postal or order now. Satisfaction guaranteed. Address THE REYES-DAVIS CO., Inc., Dept. 545 Battle Creek, Michigan</p>		

The Perfection Feeder



Supplies clean wholesome Dry Mash Feed that makes your fowls pay. Feeds all sizes of fowls—more at a time than other feeders. Prevents waste. Can't clog. Uses up little space. Delivered to any part of the U. S. by Parcels Post for \$1.00.

POULTRY APPLIANCE CO.
Department B
959 16th Street, Milwaukee, Wis.

HOUDANS

"Worth While"—Are layers, payers and they have come to stay. They are the big Blue Ribbon winners. Can furnish winners for any show. Stock, Eggs and Baby Chicks. Write for Mating List.

Dr. G. G. Billman, Box D, Evansville, Ind

COLUMBIAN PLYMOUTH ROCKS

"WORLD'S BEST STRAIN"

Have won more blue ribbons at leading shows than all competitors combined. Think of it, 83 first prizes out of a possible 85 in 1911, 62 first prizes out of a possible 63 in 1912-13. This proves their quality. Stock and Eggs for Sale. Mating List Free.

FRANK G. BEAN,

Box W,

COLLEGEVILLE, PA.



MOORE BROS.,

Moore Bros. S. C. White Leghorns

represent the highest development of the modern Leghorn. Their record at such shows as Grand Central Palace, Rochester and Buffalo establishes them as one of America's Leading Strains. They have that style and grace that immediately catches the eye. Sound color, fine heads and low well spread tails is a fixed characteristic in our Leghorns.

YOU CAN WIN WITH OUR STRAIN

We will have twelve selected breeding pens for the Eggs for Hatching and Chick trade. Now booking orders. Send for mating list containing cuts and winnings.

Eggs \$2, \$5 and \$10 per 15. (Day-old Chicks from 15c to \$1.50 each.

Box W,

MOSCOW, N. Y.

At Madison Square Garden, January, '13

1st hen shape special, 2nd pullet, 5th pen in Single Comb, 1st hen shape special, 3rd and 4th cock, 2nd and 3rd pullet, 4th and 5th cockerel and 4th pen, Rose Comb, and special for best display.

At Boston, January, 1913

Single Comb—1st cock shape special, 3rd cock, 3rd and 6th hen, 5th cockerel, 1st, 3rd, 4th, 6th pullet, 3rd, 4th pen, special for the best three cockerels and three pullets, best display, two best pens, R. I. Red Club of America Cup, State Cup.

Rose Comb—5th cock, 3rd, 4th hen, 2nd pullet, special for best colored wing, tail and hackle female, rose and single comb competing, 3rd pen, special for best three males and three females and best display in show, R. I. Red Club of America Cup and State Cup.

LESTER TOMPKINS'S

RHODE ISLAND REDS

The originator of this famous strain that has made the Reds one of the most popular breeds of fowl on earth, always at the front both in the show room and laying contests. My recent winnings at Madison Square Garden and Boston prove they are still in the lead, winning display special at both shows, 1st hen in both combs and all female shape specials. At Garden, 1st cock and shape special in single comb also all display specials and State Cup for both combs at recent Boston show against birds that had been considered unbeatable. My breeding pens this season are simply grand. Prices right.

Lester Tompkins, Box W, Concord, Mass.

feathers across the wing. This would be a great help to the breed not only to improve their beauty, but as I said before, it will add great value to the male as a breeder to help produce our best pullets with those large "oval center" finely laced feathers.

Trusting the breeders will call for this when the next Standard is published, and wishing to call out an expression from other lovers of the Silvers in regard to this, now is a good time to begin taking up any other changes that will help to advance our old favorites.

SCHENLEY HEIGHTS POULTRY YARDS

C. F. Rankin, owner of the Schenley Heights Poultry Yards, and whose address is 1202 Commonwealth Bldg., Pittsburgh, Pa., has brought together a line of S. C. Reds that have won him glory and fame the past few years. We first met this line at the Cleveland, Ohio, show, January, 1912, where his pen won first prize and specials. It was a wonderful pen in the best condition and as seen there was, to our mind, capable of winning highest honors at any show.

This year at Philadelphia, December, 1912, they again loomed up strong with improved quality, winning in a class of 123 birds and one of the best ever brought together: Hen, 1st; cockerel, 1st; pullet, 2d and 3d; pen, 1st. His winning cockerel was awarded a medal for best cockerel in the American class and cup for best cockerel at the show—the show sweepstakes special with all cockerels competing.

At Cleveland, Ohio, January, 1913, with a beauty collection, he made a phenomenal record of winning: Cock, 1st; hen, 1st and 3d; cockerel, 1st; pullet, 1st and 2d; pen, 1st, and all specials. Here again his winning cockerel won the sweepstakes special for best bird in the show.

Mr. Rankin has made a few very select matings, from which he will sell eggs for hatching. Write him your wants and for his mating list, for if you want quality Reds it will interest you. Note his ad in this issue and mention A. P. W.

BESUDEN'S PARTRIDGE ROCKS

Chauncey A. Besuden is the proprietor and owner of a specialty poultry farm that is a real poultry farm, being one the largest and finest devoted to the fancy poultry business, exclusively, in Ohio. This great Specialty Partridge Plymouth Rock Farm is located a few miles out of Cincinnati. The buildings are exceptionally fine and built after the most advanced plans and are equipped with every modern appliance in the way of feeders, fountains and sanitary nests. Mr. Besuden uses a great many colony houses of both the single and double type. There are also ten cockerel houses on this farm. The original stock was purchased from the originator of Partridge Plymouth Rocks, Mr. S. A. Nofzger. His strain is known as the "Puritan" strain, and, like our Puritan ancestors,

they possess the same vigorous and sterling qualities. He has mated up many grand pens for the large egg trade this season, and is in a position to supply the wants of every one who is desirous of starting a flock of Partridge Plymouth Rocks. Send for a catalogue which gives the prices and list of prizes won, to Besuden Bros., Box 359-W, Cincinnati, O.

POULTRY APPLIANCE CO.

Before deciding on the additional equipment you will need this spring, drop a post card to the Poultry Appliance Co., Dept. B, 959 16th St., Milwaukee, Wis., and ask for their circular entitled "Success and Profits in Poultry Feeding," which illustrates and

describes their "ideal poultryman's assortment" of drinking fountains and feeders. See their ad in this issue. When writing, kindly mention A. P. W.

S. C.

WHITE ORPINGTONS

Kellerstrass and Owens Strain
Direct. Eggs \$3.00 and \$5.00
per 15 from prize winners.
Baby Chicks 30 and 60 cents
each. Send for Mating List.

JAMES T. COX,
287 Fair St., Paterson, N. J.



PARTRIDGE WYANDOTTES AND PARTRIDGE ROCKS

IDEAL POULTRY YARDS, SHILLINGTON, PA. A grand lot of young and year old birds for sale. Bred from our constant winners. Look up our records. Specials won wherever shown. If you wish to improve your stock, get the best in the world, bred by Ideal Poultry Yards.

Morgan's Black Langshans and Rose Comb White Leghorns

Exhibition and utility stock for sale. Write for my free price list.

Morgan Bros., Dept. 4, W. Alexander, Pa.

EVERETT'S SINGLE COMB REDS

CHAMPIONS OF CENTRAL NEW YORK

I am booking egg orders from pens that contain my State Fair winners. A setting or two from my color strain will add quality to your flock and put you in the winning class.

C. W. EVERETT, Box W, WAVERLY, N. Y.



"BILLY BOUNCE" COOK STRAIN S. C. WHITE ORPINGTONS

Winners at New York State Fair, 1911, 1st pen. Auburn, N. Y., 1912, 1, 4 cockerel, 1, 2 hen, sweepstakes special. Auburn, 1913, 1, 4 cock, 1 cockerel, 1 hen, 2 pullet. Stock at reasonable prices. Eggs \$3.00, \$5.00, \$8.00 per 15 from special matings. Write your wants.

JAMES F. CONDLEY,

W. 2 Vanden Bosch Avenue,

AUBURN, N. Y.

JEFFREY & HERVEY, - RALEIGH, N. C.

Specialty Breeders of Buff Plymouth Rocks—Undisputed Champion's of the South. Winning 1st Cockerel, 3rd 5th Hen, Special for best male, Hagerstown, Md., October 1912. 1-2-4 Cock, 1-2-3-4-5 Hen, 1-4 Cockerel, 3-5 Pullet, 3 Pen, Atlanta, Ga., December 1912. Show birds and great breeders for sale. Pen, 1 Male 4 Females \$10.00. Write for 1913 Mating List.

FAIRFIELD WHITE ROCKS TO THE FRONT

At Allentown's greatest show September 1912, in competition with America's best Fairfield White Rocks won 1st cock, 1st cockerel, 1st pullet and for the second time Col. T. Trexler Cup. They are also leading winners at such shows as Philadelphia, Bridgeton, Camden, N. J., Hagerstown, Md.

4 Grand Matings for 1913

EGGS FOR HATCHING

\$5.00 per setting or three settings \$10.00. Send for descriptive mating list telling you just exactly what these grand matings, that will produce next season's Blue ribbon winners contain. Utility Eggs \$1.50 per setting. \$10.00 per 100.

FAIRFIELD POULTRY FARM, H. W. Schnitzer, Prop., FAIRTON, N. J.

Fiske's White Leghorns

Were the talk of Madison Square Garden where they won 2, 7, 8 on Cocks, 3, 8 on Hens, 4, 5, 8 on Cockerels, 2, 4, 6, 7 on Pullets and 1st and 4th on Pens, our 1st Pen winning over the 1st Madison Square Garden pen of last year and the 1st pen at the New York Palace Show this year. Send for mating list, also a few males for sale.

Skylands Farm, Harlo J. Fiske, Mgr., Sterlington, N. Y.

THE INFLUENCE OF NATURE UPON EGG PRODUCTION

By O. W. Mapes

(Continued from page 497)

The most remarkable thing about it was the fact that there was not 48 hours interval between any two of the eggs.

I had her in a handy place in the barn where I could easily keep track of her. She could not quite make an egg in 24 hours, but never took 48 hours under these conditions. If she laid today, say at 10 A. M., she would lay tomorrow two or three hours later. If she did not lay by about 4 P. M. she was sure to lay early the next morning. The hours of darkness did not seem to be taken account of by her.

This was some ten years ago, and for aught I know she might have been laying yet had I not disturbed the laws of nature that were working so harmoniously. When September came I carried both hen and crate to our county fair, she having then laid a continuous "litter" of 135 eggs. Like Mr. Cosgrove's hen she laid one more egg at the fair grounds and stopped. I claim that it was not because of her unwillingness, but because the laws of home surroundings were violated. Within a few days after her return from the fair grounds she was in full moult, and I put her back with the flock.

EGG PRODUCTION UNDER VARYING CONDITIONS

I cannot lay any claim to being an expert at feeding for eggs, but I have had a good deal of experience, and had opportunity to observe egg production under many varying conditions, which leads me to believe that the amount of grain a hen eats has much to do with the activities of her reproductive organs. If she eats less than a maintenance ration she surely will not lay eggs, and the first thing that will be sacrificed to maintain life will be the group of partly developed yolks that have not yet been passed into the oviduct.

In proof of that statement I once took a healthy hen in the month of April, that was laying regularly to my certain knowledge, and shut her up where she could get no food whatever, but with plenty of water. She surely had a group of partly developed yolks in her body, for she laid two eggs

after her fast began. It was the natural laying season, and you kill and examine a thousand laying hens under like conditions and you will find a group of yolks of varying size in every case. The hen was fat at the beginning of the test. At the end of a week of fasting she was still bright of eye and red of comb, despite the fact of my having consigned her to a diet of bread and water, and failed to supply any bread. She had lost only about a half pound in weight. I then applied the hatchet and had a good dinner. Do you suppose I had any partly developed egg yolks at that dinner? Hardly!

I found on opening her that the ova had been used up in the struggle of nature to maintain life, and the largest were of the size of fish eggs.

Atrophy had begun at the ovaries, in obedience to one of the laws of nature in which experimenters in egg production are interested. I will cite one more interesting experiment along this line.

FEEDING EXPERIMENTS WITH PULLET THAT HAD NEVER LAID

A number of years ago I selected five pullets in early winter, that had never laid an egg, and were of uniform age, size, and appearance, placing them each in separate compartments in a long brooder house that was not then in use.

I prepared a quantity of what I



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; ask for it today
Chas. L. Stiles. Columbus, Ohio

FRENCH'S Poultry Mustard

Absolutely Pure

Experiments were successfully made in England in 1909, 1910 and 1911 to stimulate egg production, increase vigor and fertility of fowls by the use of mustard. Send us your name and address and we will send you free of charge a copy of a pamphlet as edited by Mr. Ralph Allen, of Herts, England, the conductor of the experiments. The book contains a full account of the experiments extending over the years named, together with a number of testimonials of prominent American users of French's Poultry Mustard.

French's Poultry Mustard is an actual improvement upon the mustard used in England during these experiments. One teaspoonful of French's Poultry Mustard for every six fowls is the right amount. Mix it with the dry meal first and then add water until in a crumbly consistency. (Can also be used in dry mash feeding.) French's Poultry Mustard can be obtained of any dealer for 20c. per pound in 6 and 10-pound boxes, 25-pound kegs, or a sample package of 1 1/2 pound, can be had for 35c. If your dealer does not have it, write the

R. T. FRENCH COMPANY,

Mustard Makers

Dept. B,

ROCHESTER, N. Y.



BLUE RIBBON POULTRY FEEDS

BLUE RIBBON SCRATCH FEEDS BLUE RIBBON LITTLE CHICK FEED
BLUE RIBBON LAYING MASH BLUE RIBBON PIGEON FEED
BLUE RIBBON BEEF SCRAPS

Get our list for special quotations. We can save you money in feed and make you money in eggs. Write to-day enclosing this advertisement.

Globe Elevator Co., 97 Kentucky St., Buffalo, N. Y.

ROCKLAND WHITE ROCKS

CHAMPIONS OF THE SOUTH

Won at Baltimore: Cock 2nd and 3rd, Hen 1st and 3rd, Cockerel 1st, 2nd and 5th, Pullet 2nd and 4th, Pen 1st and 3rd. Cup for the Best Display and Trophy for best White Rock male. At the Great Richmond, Va., Show: Pen 1st and 2nd, Cock 1st, 2nd and 3rd, Hen 2nd and 4th, Cockerel 1st, 2nd, 3rd and 4th, Pullet 3rd and 5th. Cup for Best Display and Cup for Best Male of any variety. Some splendid breeders for sale in both old and young stock. Eggs \$8 per 15, \$20.00 per 50, \$35 per 100.

ROCKLAND FARM, D. Lee, Prop.,

Box 2,

BENSON, MD.

EGGS

You can't lose, if you buy eggs of us. We guarantee the fertility of our eggs. Also the quality of chicks hatched from them.

BABY CHICKS

Rhode Island Reds

Rose and Single Comb

We are going to guarantee the quality of chickens raised from the eggs sold by us this year. Send for our free Mating List. It will tell you more about the most beautiful and most profitable fowl in the world.

Chicago, Indianapolis and New York winners head many of our pens

What 20 cents will do. It will get you the finest catalog ever issued of this breed. It contains many valuable articles on raising and caring for poultry in large and small flocks, also many valuable receipts for diseases of poultry. Address

BUSCHMANN-PIERCE RED FARMS,

Box 30,

CARMEL, IND.



considered as nearly a balanced ration for egg production as I knew how at that time, and fed each pullet a different amount of it daily. To the one in the first pen I gave

weight, laid a few eggs, then refused to eat all of her allowance and stopped egg production. This indicates that about 2 1/2 ounces a day of that mixture was a



PERFECTION 3rd.

Herewith is presented a photo reproduction of "Perfection 3rd," the first prize R. C. Black Minorca cock at the Madison Square Garden Show, January, 1913. This bird is owned and was bred and exhibited by G. A. Clark, Seymour, Ind.

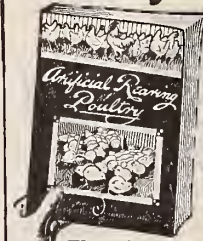
two ounces a day; to the next one two and one-half ounces; to the next three ounces; to the next three and one-half ounces; and to the last one four ounces. The grains were all ground and mixed with meat scraps and fed as a wet mash. The results were decidedly interesting. The pullet with only two ounces of feed a day kept bright and healthy, but lost gradually in bodily weight, and laid no eggs during the six weeks of the experiment. The next one with 2 1/2 ounces of food a day also kept bright and healthy, but did not lose or gain in bodily weight and laid no eggs. The third one with three ounces of food a day began to lay soon after the beginning of the test and kept it up regularly during the rest of the six weeks' period. These three always ate all of their allowance of feed, which was given in three installments. The fourth one ate all of her 3 1/2 ounces a day at the start, increased her bodily weight quite rapidly, and began laying at about the same time as No. 3.

After laying a few eggs she developed a poor appetite and soon ceased to lay entirely. The record was kept on the door of the house and has since been effaced by white-washing. She kept bright and healthy, however, but rarely ate the whole of her allowance of 3 1/2 ounces. The fifth pullet with four ounces of feed a day gave practically the same results as No. 4 with 3 1/2 ounces a day. She ate it all at first, gained in bodily

maintenance ration for those Leghorn pullets. Such contests as are being conducted at Connecticut and Missouri will add greatly to the sum of our knowledge of the laws governing egg production, if brains enough are

Poultry EXPERTS SAY

This is the Most Practical Helpful Book on Poultry Raising Published



We sent a copy to every prominent poultryman, requesting each to write us their candid opinion about it. Here is just one. We have dozens more equally as strong: **Storrs (Conn.) Agri. Exp. Station**
Gentlemen:—I have just examined your new catalogue. This is one of the best things of the kind I have seen. You are to be congratulated upon the high character of this publication. **L. A. CLINTON, Director.**

It is a book that either the beginner or the experienced poultryman will find of vital interest, because it contains the actual experience of the most successful poultrymen.

YOU WANT THIS BOOK IT'S FREE!

Write a Post Card for a Copy TODAY
It tells how to make money on the ordinary farm with poultry—how to make money raising ducks—how to select layers—what breeds are best for different purposes—how to feed, breed, rear and hatch profitably and economically—how to overcome disease and a hundred and one other important things. It describes the 1913 Sand Tray.

PRAIRIE STATE Incubators and Brooders



which are revelations in artificial incubation machinery. Not built on theories, but on experiences that have proven successful and profitable. You want to read about and investigate this season's Prairie State machines before you buy. Send for this book and get the most valuable poultry raising information that has been published. The edition is going fast. Send at once to insure getting a copy promptly
Prairie State Incubator Co.
481 Main St. Homer City, Pa.



A Swarm of B's, a Pod of P's, a Few Fat F's, and Some A. B. C's. "What Will They Bring You? Big White E-g-g's!"

BEAUTIFUL BUTTERCUPS

The Buff and Black Business Breed. Believe me, the Buttercup Boom, Beginning, will Bring Big Business to all Breeders of Better Buttercups. Get Posted on the Permanent Pleasure and Prospective Profits Promised to Persistent People. For Free Folder Full of Forceful Facts Fail not to address **AMERICAN BUTTERCUP CLUB, Factoryville, Pa.**

GIVE THEM THE RIGHT START

Healthy breeding stock and strong, husky young are always found where

Pratts' Animal Regulator

is used. That is the result of the perfect condition which this sterling preparation produces. Horses, cattle, sheep and hogs are better producers and better breeders, and their young are stronger and more valuable, when this great tonic is given them. 25c, 50c, \$1; 25-lb. Pail, \$3.50

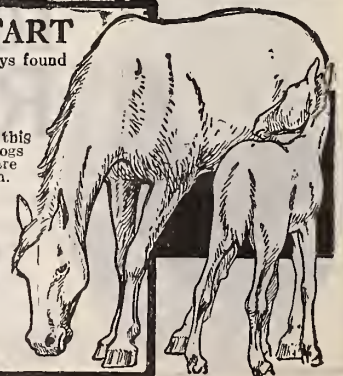
Don't worry about losing your horses from colic. Just buy a dollar bottle of

Pratts' Colic Cure

and keep it handy for quick use. You can depend upon it to cure every case. "Your money back if it fails!" Get Pratts' Profit-sharing Booklet, Stock Book FREE at dealers, or write us. Our products are sold by dealers everywhere, or

PRATT FOOD COMPANY

Philadelphia, Chicago



mixed with the money that is being spent.

If dependence is to be put on the will power of the hen instead of on the will of man, and only heredity and trap-nesting considered, the benefits will be greatly restricted.

GREAT RECORD MADE BY RED FEATHER FARM

At the recent 1913 Madison Square Garden Show, in the very keenest of competition, F. W. C. Almy, proprietor of Red Feather Farm, Box 22, Tiverton Four Corners, R. I., again conclusively demonstrated why he is universally recognized as being in the very forefront of R. I. Red breeders. Despite the fact that his birds were pitted against the best that could be produced from every section of America, the superb stock from Red Feather Farm made the grand record on Rose Combs of first hen, first and third cockerel, second cock, fourth pullet, and fourth hen. Not only did Mr. Almy win more firsts and seconds than any other competitor, but had pens counted as in the past, he would have won display easily. His first pen was a center of attraction and admiration, and Red breeders generally pronounced it a marvel of quality.

This splendid showing was not unexpected. It may have been forecasted by his brilliant success at the last Providence, R. I., Show, at which he won 1st and 2nd cock, 2nd, 3rd and 4th hen, 2nd, 3rd and 4th cockerel, and he acquired by purchase 1st cockerel (which was also a direct descendant from "Sensation"); 1st, 3rd and 4th pullet and 4th pen; 2 color and 2 shape specials; 3 gold specials and state cup for fifth successive year, both combs competing. This gave him the five best cockerels in the show (reckoning the first pen cockerel) and the two best cocks, or the seven best males in the show, which is certainly pretty hot winning on males.

It is interesting to note in this connection, as illustrating the valuable asset of Mr. Almy's great male birds in their ability to stamp their characteristics on their progeny, that the 1st N. Y. 1913 cockerel, "Sensation III", and the 1st pen cockerel "Madison Square", were both grandsons of the great cock, "Sensation", admittedly the finest R. C. male ever produced, and whose tragic death at New York, 1910, just after being awarded the blue, caused a commotion throughout all R. I. Red circles and prompted letters of condolence as touching and sincere, almost, as though Mr. Almy had lost a member of his family. These cockerels show the quality and breeding of their great grandsire in a wonderful degree. Mr. Almy did not show at Boston this year because he didn't have to. His trade has been so good and the quality of his stock so universally recognized, he felt in view of his strong winnings at Boston, last year, of 1st and 2nd cock, 1st hen, 2nd pen, \$50 cup for best display, etc., that, coming so soon after New York, he did not feel like risking an injury to his valuable birds.

Mr. Almy's very gratifying volume of business has been built upon his well-known integrity and an earnest desire that his customers shall share in that satisfaction which comes from the possession of R. I. Red stock that is at once an excellent combination of health, vigor and the ability to bring show room honors to its owner, no matter how strong the rivalry. Mating and price list describing some of the grandest matings of R. C. Reds in the country today is now ready and will be mailed for a 2c stamp.

W. M. PATTESON, PENN YAN, N. Y.

W. M. Patteson, Penn Yan, N. Y., who has been breeding Campines, both Golden and Silver, for some time, has found it necessary to enlarge his plant to keep up with the demand for these beautiful fowls. He has recently purchased 20 acres of adjoining land and has set out Chestnut, Walnut and Pecan trees over the whole tract and this spring will seed the land to alfalfa. This addition will be used as a range for his birds and it is ideally located for the purpose. The plant consists of several buildings, the larger of which is used for breeding purposes. This house is 16x50 feet, two stories high, and is divided in pens 6x16 feet in which he keeps a breeding pen consisting of one male and from six to eight females. He has a special mating consisting of his Williamsport winners and I dare say they will produce some fine stock.

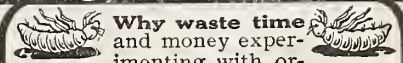
Mr. Patteson has several good breeding cockerels of each variety for disposal and would be pleased to hear from AMERICAN POULTRY WORLD readers. A. J. B.

ONLYA FARM WHITE WYANDOTTES

Of the numerous beautiful farms located at Florham Park, New Jersey, Onlya Farm, owned by Philip Kearney, is one of the most attractive, especially to admirers of White Wyandottes. Many rarely beautiful specimens of this popular variety have been bred and raised there, the manager, Chas. Staaff, being one of the most careful as well as expert breeders of White Wyandottes in this country. A glance at the winnings of Onlya Farm for the past

three seasons will show that they have been more than successful wherever they have exhibited. Every egg, day-old chick and matured bird sold by Onlya Farm at any time was produced there. The 1913 mating list just issued by Onlya Farm should be in the hands of every White Wyandotte fancier.

Makes 'Em Turn up Their Toes Mighty Quick



Why waste time and money experimenting with ordinary lice remedies when you can be absolutely sure of best results by using

The Old Reliable

lice killer that has been the standard for 30 years. Others have come and gone, but Lambert's is still the leader—unequaled—unapproached.

LAMBERT'S Death To Lice

will clean out all lice pests—"makes 'em turn up their toes mighty quick". Fine for sitters, layers, exhibition stock. Does not injure hens, eggs, chicks, or soil plumage. Sold in 10c, 25c, 50c and \$1.00 sizes. If your dealer hasn't it, we'll see you are supplied. Send 2c stamp for Lambert's latest copy "POCKET BOOK OF POINTERS" a valuable book for poultry raisers. (9) O. K. Stock Food Co., 507 Traders Bldg., Chicago

WOODCREST PARTRIDGE WYANDOTTES

Why did they win every first prize on Cocks, Hens, Cockerels and Breeding Pens at Boston (the greatest show in the country), Providence, Springfield, Milford and Worcester this season? Because they are Champions line bred from Champions. It's in the blood. I can sell you birds from \$5 upwards. Eggs for hatching \$10 and \$5 per fifteen. A trial will make you a winner. Try it.

CHAS. H. WOOD, 340 MAIN St., WORCESTER, MASS.

WILCOX'S WHITE WYANDOTTES

Have won their share of firsts and special prizes the past five years at the leading shows of New England. Eight grand pens mated. Write for catalogue.

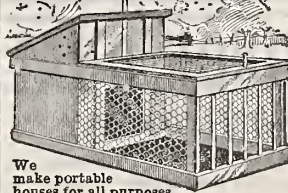
Baby Chicks a specialty.

HORACE L. WILCOX, 38 Brainard Avenue, MIDDLETOWN, CONN.

Hodgson Portable Poultry Houses

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—has proved its success for 22 years. Shipped knocked down—size 2x4ft., 2ft. high.

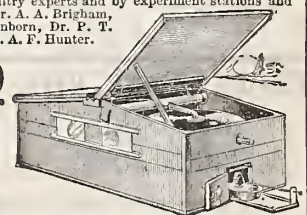


We make portable houses for all purposes.

\$3.00

WIGWARM Brooder

Hot water and hot air perfect ventilation—no danger of overheating—maintains even temperature regardless of cold outside. Used and endorsed by poultry experts and by experiment stations and such men as Dr. A. A. Brigham, Dr. N. W. Sanborn, Dr. P. T. Woods and Mr. A. F. Hunter. Size, 3x5 feet.



\$15.00

E. F. HODGSON CO., Room 320, 116 Washington St., Boston, Mass.

GOLDEN and SILVER CAMPINES and WHITE FAVEROLLES

No Females for sale, Cockerels for breeding and crossing to sell. Faverolle eggs \$15 for 15. Campine eggs \$5 and \$10 for 15.

Egg Orders Booked Now.

No Stock For Sale.

AUG. D. ARNOLD,

Box D,

DILLSBURG, PA.

STANDARD BRED FOWLS ANSWERS TO QUERIES

CONDUCTED BY J. H. DREVENSTEDT

SHERWOODS AND WHITE LANGSHANS

Q. Will you kindly tell me the difference between the Sherwoods and White Langshans? Does the Sherwood mature quickly or are they slow growing and clumsy? A. B. C., Mich.

A. The Sherwood has a straight back and more compact body than the White Langshan, it also differs in the color of the skin and shanks which are yellow, while the skin of the Langshan is white and the shanks blue. The shanks and outer toes of Sherwoods and Langshans are feathered. The Sherwood matures about as quickly as the Wyandotte and Plymouth Rock. It is a hardy, active fowl, the hens being very good layers of brown shelled eggs.

DOUBLE AND SINGLE MATINGS

Q. I am rather new in the poultry business, but take four poultry magazines, have the Standard and several other poultry books. In reading them, I frequently find remarks about cockerel mating, double mating, single mating and pullet mating. I do not fully understand what it is or how it is done. Will you please explain it in AMERICAN POULTRY WORLD and oblige? W. N., Me.

A. Single matings are such as to produce both exhibition cockerels and pullets from one and the same pen of females headed by one male. Double matings are composed of females and one male mated to produce exhibition cockerels from one pen and females and one male mated to produce exhibition pullets from the other pen. This is best illustrated at our leading poultry shows, where prizes are offered on cockerel breeding Barred Plymouth Rock pens and on pullet breeding Barred Plymouth Rock pens. In the former the pen is headed by a male of Standard color markings, darker in color and narrower in barring than the Standard requires; in the other Standard colored females are mated to a male much lighter in color and wider in barring than the

Standard calls for. Double matings or cockerel and pullet breeding pens are "necessary evils" if the best results in producing exhibition males and females in all parti-colored varieties are to be obtained. Even in self or solid colored breeds double matings will often produce more satisfactory results than from single matings alone.

PRODUCING GREENISH BLACK PLUMAGE

Q. I am a breeder of Black Wyandottes and while I have been success-

ARMER'S BUFF ROCKS

Second best winners at Madison Square Garden, January, 1913. At Albany, N. Y., January 13th to 17th, five firsts, five seconds, and many specials. Birds and eggs for sale. Write for mating list. FRED ARMER, BALLSTON SPA, N. Y.

FOUR ACRE POULTRY YARDS

Winning *White Wyandottes* at New York, Boston, World's Fair, Toronto, Guelph, Canada and the best New England Shows.

Eggs that will hatch \$5.00 per setting. Three sittings (45 eggs) \$10.

H. F. LEITZ, Box 158, Sta. A, MERIDEN, CONN.

Ideal-Hover

NEAT--HANDY---SAFE--DURABLE

Just set on the floor anywhere, light the lamp and in 20 minutes you have as good a chick Mother as money can buy. Pick it up and carry any place with lamp burning. **HEATER:** Our Duplex or Double Drum hot air Heater will produce 15 per cent more heat from the same amount of oil than any single drum Heater used in others. The Des Moines Seed Co., Des Moines, Iowa wrote us that the Ideal heat up the best of any Hover they had ever experimented with. **LAMP:** Our lamp will never cause trouble by smoking. Oil cannot become overheated as oil fount is on outside of Lampbox feeding oil to wick just as needed and just enough to keep it covered all the time. Lamp flame always in plain view. Lamp removed or pushed in place with one hand. The Ideal is 24 inches in Diameter, all metal but Double Curtain, has no Hot Center, and will brood 100 chicks. **GUARANTEE:** We will refund money if not entirely satisfactory. **SPECIAL NOTICE:** On account of Galvanized Iron and other products used in its Mfg., advancing in price, we have put the price to \$6.00 freight paid on two or more East of Rockies; \$7 freight paid on 3 or more west of Rockies. It is still from \$1 to \$2.50 cheaper than others, and the price will never be changed again, unless something extraordinary happens. Upon receipt of \$1 we will ship by Express C. O. D. to be examined. Freight allowed on two or more. Don't buy another Hover until you see our illustrated Circular; we can interest you. Don't fail to mention this paper.

**DUPLEX INCUBATOR CO.,
TREMONT CITY, OHIO.**



**RHODE ISLAND REDS
ROSE AND
SINGLE COMB**

WHITE BIRCH QUALITY

WE WISH TO SAY

**DUCKS
PEKIN, ROUEN
AND INDIAN RUNNERS**

That we are going to make a sweeping reduction in the prices of eggs for hatching this season. This will place White Birch Quality within the Reach of All. We have demonstrated by our winnings this season as well as the winnings of our customers that our stock is far in advance of anything we ever raised or exhibited. Our first cockerel at Brockton Fair, class of 48 great birds, was a wonder. We lead all competitors in Rouen, Pekin and Indian Runner Ducks winning 48 Prizes at Brockton Fair and winning fifteen 1st and 2nd prizes on as many entries at Boston this season. Our specialties this season will be Day Old Chicks and Baby Ducklings in all our varieties. Also Eggs for Hatching at a great reduction in prizes from our best matings in Rose and Single Comb Rhode Island Reds, Rouen, Pekin and Indian Runner Ducks. Address

WHITE BIRCH POULTRY FARM,

Wm. H. Withington, Mgr.,

Box W,

Bridgewater, Mass.

*** Saves you dollars—Our Clubbing Catalogue—Send a card today, sure ***

JACOBUS CAMPINES DID IT

WILL MAKE HENS LAY

SOMETHING TO CROW ABOUT

"HEN-E-TA"

About 30% Tri-Calcium Phosphate
Popularly Called **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

WILL MAKE CHICKS GROW

VALUABLE BOOKLET FREE

100 lbs. - - \$2.25
500 lbs. - - 9.00

Balanced Ration Formulas Free

If you will give us your dealers name and address.

HEN-E-TA BONE CO.

NEWARK N.J. SEIZL W. FREDERICKSON W.VA.

ful in producing first-class specimens in shape, size and combs, have not succeeded in getting that "green sheen" on the plumage that I find in Black Langshans and Black Orpingtons, although I occasionally get some males that are very good in this respect, but the females as a rule lack the greenish luster, being a dull black. I am told there is a secret method of feeding black plumaged fowl, which imparts the so-called green color to the plumage. Can you give me the formula of this food or condiment? A. B., Ontario.

A. Proper selection of the breeding stock has more to do with the production of the greenish sheen of black plumaged fowl than specially prepared foods or condition powders. When red feathers are found in the hackles and saddles of males, the latter will when mated with sound, solid black females result in the color of the progeny having the much desired greenish sheen. Linseed meal fed in small quantities will also aid in bringing out the luster of the plumage.

A writer in a recent issue of that excellent English publication, "Poultry", in discussing this question of black color, remarks:

"Where you are breeding a black variety, such as the Minorca, Black Orpington, Hamburg, Langshan, or Leghorn, there is no better means of getting that beautiful beetle-green sheen which is so much admired than by using linseed. Of course, the color must be there, but presuming the parents have been properly mated, linseed well boiled and given in the food once a week assists in the growth of feather, while the oil increases the brilliancy of the plumage when the birds have fully matured."

As to any secret preparation that will produce the lustrous greenish black color, we seriously doubt the existence of such. But some twenty years ago we received a letter from the veteran expert poultry and pigeon fancier, A. V. Meersch, who claims to have discovered the ways

and means of producing the desired greenish luster in black plumaged fowl. Mr. Meersch's discovery is as follows:

"Some time since when I was exhibiting black poultry, my stock was always admired for their splendid black lustrous color, and that reputation has been fastened to me ever since, as up to the present time I received letters from exhibitors asking me the price for the secret to obtain that lustre. Others asked me how it is done, and adding that they will not divulge it to anyone. The latter I detest, as what is good for one is good

for another to know, so I beg to write here the entire story in short:

"When chickens begin to moult, feed them soft feed in the morning, adding a tablespoonful of yellow powdered sulphur or brimstone for each fowl that partakes of it. This must be done every morning as long as the moulting continues. In the evening give each a pill made of sulphur powder, the size of a bean, this is easily made with lard. Keep a piece of hard brimstone constantly in their drinking water, and each young feather will become a magnificent

VALENTINE RANCH If you haven't a good brooder, why don't you get a practical one manufactured by one who is making his living in the chicken business? It will pay for itself with live chicks in one season. Send for pamphlet. Can make no more shipments of baby chicks or eggs before May 1st, as we have orders for all we can turn out up to that time. Send for catalogue of "The Wright White Orpingtons."
DOUGLAS H. WRIGHT, Owner, R. F. D. No. 1, Box No. 2, NEW BRIGHTON, MINN.

PRUYN'S SILVER WYANDOTTES
 possess the true Wyandotte type and are black and white. Big winners at Madison Square Garden, Yonkers and wherever shown. Eggs from best matings and choice stock for sale.
J. N. PRUYN, Grey Oaks, YONKERS, N. Y.

S. C. WHITE LEGHORNS EXCLUSIVELY
BABY CHICKS Now booking orders for Baby Chicks from my heavy laying prize
BABY CHICKS winning White Leghorns. \$10.00 per hundred.
BABY CHICKS Write for free booklet.
A. FISHER, R. D. No. 2-W, CANASTOTA, N. Y.

RHODE ISLAND REDS
ROSE AND SINGLE COMB EXCLUSIVELY
 Harris' record laying and prize winning strain combines size and vigor. First prize at Boston, Schenectady, N. Y., Chicago and many other shows.
 Eggs \$2.00 for 15, \$5.00 for 50, \$10.00 for 108.
ELM POULTRY FARM, W. S. Harris, Tel. 98-2, MANSFIELD, MASS.

EGGS WHITE INDIAN RUNNER DUCKS EGGS
 Now is the time to place your order for eggs if you wish to secure the **Genuine White Indian Runners**.
 Our ducks are exceptional layers and besides have the correct type, style and color. Our record of 2 first and 2 seconds on 4 entries at Madison Square Garden, 1913, proves their quality.
DO NOT DELAY
 But send your order at once. Eggs from same pens we use ourselves \$3.00 per setting, \$20.00 per hundred.
A FEW GOOD BREEDERS AT \$10.00 PER TRIO
MEADOW BROOK POULTRY FARM, NAZARETH, PA.

ROYAL ORPINGTONS

**SINGLE
 COMB
 BLACK**

We are the leading breeders of Black and White Orpingtons in the south, our birds have type, color, stamina and vigor, and are the kind that will add improvement to any flock.

If you want Orpingtons of quality? Send to the Home of Royal Prize Winning Strain. At the Great South Eastern Show held at Charlotte, N. C., we won ten out of 11 entries. In **S. C. B. Orpingtons**, 1 cock, 3 cockerel, 1 pullet, 2, 4, 5 hen. In **S. C. W. Orpingtons**, 1 cockerel, 2, 3 pullet, 3 pen.

We have mated up twenty Grand Pens of Line Bred Orpingtons. These Pens are headed by wonderful male birds, for instance our First Black Cock at Chicago, 1912, is magnificent bird. All our pens are headed by just such birds if not better.

All our pens are mated with the greatest care to produce the birds of quality. Be convinced, write for mating list today. Remember **Royal Stock of Quality** is what you need. Book your egg orders early. Our supply is great, but demand for our stock is greater.

**SINGLE
 COMB
 WHITE**

ROYAL POULTRY FARM,

Box W,

DICKSON, TENN.



A breeding pen of White Plymouth Rocks belonging to R. C. Caldwell, Lyndon, Ross Co., Ohio. High class, healthy, vigorous breeding stock is Mr. Caldwell's motto. That these birds possess quality, health and vigor is plainly indicated. His specialty is "baby chicks of quality".

green-black, so much valued in a black plumage.

"The use of sulphur has also the property of cleansing the blood of your flock and prevents many diseases. The best soft food to use for that purpose is Spratt's Patent Poultry meal. As the sulphur may act slightly on the bowels of some fowls, Spratt's food contains certain ingredients that will counteract this, and which is not obtainable in any other soft food.

"How I first found out this method is this: When young some of my elderly friends procured washes to get their hair to return to its original color, but the great drawback was that it was very expensive at that time, and as I was a veterinary surgeon I had a laboratory, and I procured some of the wash for analysis and I discovered that it was mostly sulphur and that I could produce it at a very cheap figure.

"At that time there was much written in the English poultry papers about coloring Norwich canaries with cayenne pepper, and this gave me an idea of using sulphur on black fowls, and it proved a great success, and everywhere my fowls so treated were exhibited they won on that merit.

"This is a very good time to commence it, as chickens of all ages are now entering into moult, and it will prevent any feathers being missed."

*** Poultry house for all climates and all locations are fully described in "Poultry Houses and Fixtures." The most complete book ever published on poultry house architecture. Fifty cents per copy ***

*** Send for a copy of our new Clubbing Catalogue, now ready for mailing ***

PARTRIDGE WYANDOTTES bred for Exhibition and Heavy Laying Strain. My Champion Hen "Belle" laid 42 eggs in 50 days. She has an egg record of over 200 eggs per season. I have many more with equally as good records. A few hens and pullets for sale. Eggs \$2.00, \$3.00 and \$5.00 per 15, \$8.00 and \$10.00 per 100.
WILLIS G. HULL, R. D. No. 2, **MARCELLUS, N. Y.**

Elmwood S. C. Rhode Island Reds

Are the quality kind. The kind that win the ribbons at the big shows. Our record proves it. At the New York State Fair, Sept., 1912, we won 1 Cocker; 1-3 Cockerel; 1 pen old; 1-3 pen young; color and shape specials and cup for best display.

Auburn, N. Y., 1913—Eleven regular prizes including 4 firsts, and many specials. **THEY ALSO WIN AS LAYERS—NO BETTER ON EARTH.** We have a few fancy Cockerels and Utility hens for sale. Write for prices. Eggs from \$2 to \$15 per setting. Book your orders early
 Elmwood Poultry Farm, Call & Vinal, Props., 214 May Ave., Syracuse, N. Y.



We now own "Sensation", the second prize "Madison Square Garden" cockerel 1909-10, and the 'sensation' of the Barred Rock alley of that year. This bird with the best of his get and our other sensational males head breeding pens this season. **Second to none** in the country. Stock and Eggs for Sale—Send for Free Mating List.

C. H. SHAYLOR & SON, Box W, **LEE, MASS.**

AT BOSTON QUALITY AND UTILITY BARRED ROCKS

Again are winners. Fourteen Prizes from Twelve Entries Including **BEST DISPLAY, FIRST PEN** Second Cock, Third and Fourth Hens, Fourth Pen and Specials. We finish nine points ahead of our nearest competitor.

F. E. Harrison's ROYAL REDS S. C. R. I. Reds

Make the greatest win ever made at Chicago and Indianapolis by winning ten out of 12 firsts and 27 other regular prizes. Catalogue explaining best matings ever put together—free for the asking.

F. E. HARRISON, Box A, **MENOMINEE, MICH.**

HORSESHOE POULTRY YARDS
 Breeds the Best Columbian Wyandottes. We have won at Madison Square Garden and other important shows. Some splendid Show Birds for sale, also good breeding cockerels at \$3 and \$5 each. Cock birds at \$5 each. Eggs. Send for Circular.
HORSESHOE POULTRY YARDS. Fred Minch, Prop., Hicksville, N. Y.

S. C. Buff and White Orpingtons
S. C. Buff and White Leghorns
Buff Orpington Ducks

Send for catalogue with Matings of our New York, Philadelphia, Baltimore and Allentown Winners. Stock and Eggs.

DUNROBIN FARM

RED BANK, N. J.

COOK'S ORPINGTONS IN GREAT DEMAND

William Cook & Sons, originators of Orpingtons, Box W, Scotch Plains, New Jersey, have had a very successful show season, winning with their Orpingtons one hundred and thirty-six first prizes. Practically all these winners are in their best egg pens, the latter being of better quality than ever. Their first prize Buff Orpington cockerel at Madison Square Garden, 1913, is heading a pen from which eggs will be sold at \$20.00 a setting. It was reported that this bird was sold, but this report is incorrect. Mr. Percy A. Cook reports that the demand for eggs is greater than ever this year, but with increased facilities he is able to take care of egg orders promptly.

This firm does not sell day old chicks, believing it is more economical for their customers to purchase the eggs, results from which are absolutely guaranteed. The demand for eggs from their new Blue Orpingtons is very large, in fact, larger than the supply.

For the benefit of those wishing to visit the famous Cook plant, at Scotch Plains, the station at Westfield, N. J., on the Central Railroad of New Jersey will be the most convenient stop. This is only eighteen miles from New York City. By writing or phoning of their coming visitors will be met at the station. This farm holds the world's record for visitors, on one Sunday, last summer, five thousand, one hundred and two people looking over the place. The average attendance on fine Sundays is over three thousand.

For the entertainment of visitors, besides the Orpingtons, animals of all kinds are kept, all of which adds interest to a visit to this attractive place. A new incubator cellar with a show room on top, one hundred feet long, has just been completed. Mr. Cook states that competition this season for the \$50.00 cups he offers every year to his customers, was more keen than ever, one exhibitor winning four of them, and several others two each.

Messrs. Cook & Sons' catalog and mating list will be sent on receipt of ten cents to all who mention AMERICAN POULTRY WORLD. This catalog contains the history of the origin of all varieties of Orpingtons, also valuable hints on poultry keeping.

PENSYL'S WHITE ORPINGTONS

Pensyl's mating list of Single Comb White Orpingtons of the kind that win is a neat business like pamphlet that describes the matings made by C. L. Pensyl this season, and also gives the record of his birds in the show room in the past few years. In Pen No. 1 Mr. Pensyl has placed the cockerel that won first prize and the \$100.00 challenge cup at Scranton, 1912, for best Orpington in the show, all varieties competing, 214 Orpingtons being entered. In the same pen is "Lady Betty", the pullet that won first prize and \$20.00 Silver Cup for the best bird in the show. Eggs from this fine pen, as well as from two other excellent pens will be offered at very reasonable prices. This mating list will be sent free to all who send their names and address to C. L. Pensyl, Bloomsburg, Pa.

NON-FADING RHODE ISLAND REDS

The annual mating list of the Never Fail Strain of Non-Fading, Always Winning Single and Rose Comb Rhode Island Reds, as Carl C. Beatty of Van Wert, Ohio, calls his fine collection of Reds, should be read by every Rhode Island Red breeder. It is unusually well printed and filled with clear businesslike descriptions of the choice matings Mr. Beatty has penned up this season. These include his winners at the numerous western shows he exhibited at last season, but they are properly mated to produce the best results, for as Mr. Beatty emphatically remarks in his greeting: "Proper Mating is the secret of successful breeding." This fine catalog will be sent free to readers of AMERICAN POULTRY WORLD.

*** * * Reds! Reds! Reds!** Our new book "The Rhode Island Reds" is the most complete and authentic treatise on this breed ever published. Send seventy-five cents and secure a copy * * *

*** * * Fifty cents** invested in a copy of the "Chick Book" may save you many dollars. Better send your order today.

RHODE ISLAND RED JOURNAL
PUBLISHED MONTHLY. Devoted exclusively to R. I. Reds. Send 25c now for full year's subscription
Red Journal, 4023 Harmon St., Waverly, Iowa.

Coe's Light Brahmas
Won 314 prizes, 3 years. Eggs \$3.00 per 15.
CLAUDE E. COE, LEXINGTON, O.

BABY CHICKS BABY CHICKS BABY CHICKS

FROM LEROY SANDS' S. C. WHITE LEGHORNS
will grow into money makers for you, because they are the vigorous bred to live, lay and pay kind. Orders booked for any number. Write for shipping dates and full information. Rock bottom prices. See page 493 LEROY SANDS, Box W, HAWLEY, PA.



Baldwin's WHITE CRESTED BLACK POLISH

Prize winners Madison Square Garden, Philadelphia and Boston. Stock at all times. Eggs from best matings \$5.00 and \$3.00 per setting. Send for free circular.
Wesley Baldwin, Walton, N. Y.

RICHARDSON'S ROSE COMB REDS

Madison Square, Baltimore, Pittsburgh, Hagerstown Winners
I won Silver Cup for best Hen in show at Club Meet in Pittsburgh, did you ever hear of a Red Hen making that win before? Also minor prizes. At Baltimore, first pen and minor prizes. Write your wants. Catalogue.
BABY CHICKS BABY CHICKS

M. C. RICHARDSON, JR., Member Red Clubs and A. P. A. FRONT ROYAL, VA.

OWEN FARMS OF COURSE!

(An Advertisement written principally by Customers who bought Eggs of us last Season.)

"Ewing, Ill. Dec. 21st:—I write you of my winnings as I won every where I went. One pullet scored 96¼; none under 92¾. Showed 5 of the 7 Buff Orps. hatched from your eggs."

"....., Ky., Sept. 18th:—Am just home from State Fair, where I won 1 and 2 on White Orp. cockerels, 1, 2, 3 and 5 pullets. All from Owen Farms eggs."

"Milwaukee, Jan. 8th:—I got 10 White Rock eggs from you last April and hatched 5. Showed these at, taking 1 and 2 cockerel."

"Roselle, N. J., Dec. 15th:—From the White Wyandotte eggs I raised a grand cockerel. I showed in..... and got 1st."

"Des Moines, Ia., Jan. 4th:—You may be interested to know that on S. C. Reds from your eggs I won at 1 and 5 cockerel, 3 pullet."

White, Buff and Black Orpingtons White Rocks, White Wyandottes and S. C. Reds

By April 5th we are confident we can make prompt shipment of EGGS in all our varieties. You can order direct from this advertisement and save time.

\$1 per Egg
\$40 per 50
\$75 per 100

from the grandest pens we ever mated and containing more Prize Winners than were ever owned by any one farm. From other pens (absolutely grand birds) \$5 per 15; \$30 per 100.

Remember the best hatches and the finest birds of the year are brought off in April and May.

STOCK—We are ready to ship promptly the grandest value ever given in trios at \$15 and upwards and cockerels at \$5 and upwards, fit to give immediate results and guaranteed to please.

Send your order now - TODAY. Catalogue and Mating List free.

Owen Farms,

115 WILLIAM STREET,
VINEYARD HAVEN, MASS.

Wm. Barry Owen, Proprietor.
Maurice F. Delano, Manager.



CHAMPION WHITE WYANDOTTE MALES HEADING BREEDING PENS IN THE YARDS OF CHAS. V. KEELER, WINAMAC, INDIANA, U.S.A.

White Wyandotte sports came from very good strains of the Silvers here in the west as early as 1886, and Indiana fanciers were among the first to take them up and improve them. Among those who have bred them longest and most successfully is Chas. V. Keeler, R. F. D. 17, Winamac, Ind. Mr. Keeler is one of Indiana's leading breeders and poultry experts. His show room success with the strain that he established and has line bred for 19 years, and his finely equipped farm, built with the earnings of his Wyandottes, strongly testify to the high quality of his snow-white Wyandottes. They have won many first honors for him and for his customers, and have been the foundation for a number of flocks in the best known and most successful western yards, whose White Wyandottes are building up little fortunes for their owners. The above group portrays five of the many remarkable males in Mr. Keeler's much admired and big display at the last Chicago show. They are "Chief Winamac, Jr.," his two sons and two of his grandsons. Those who best know the history of this strain and the success of its fine productions at many important shows, consider it one of the world's best strains. It will pay interested breeders of the profitable White Wyandottes to visit "Keelerville," the home of Chas. V. Keeler and his White Wyandottes.—F. L. Sewell.

**COLUMBIAN WYANDOTTE
COLOR MARKINGS**

By Charles D. Cleveland

(Continued from page 499)

Difficulties always present themselves when one is striving for a perfectly white back, and a solid black tail with good tail coverts, but if there were no difficulties, there would be nothing to strive for, and the variety would die a natural death.

The best way to get clean backed females is to persist in breeding from clean backed females with which should be mated males which have no mossiness or lack of definition in the striping on their saddles. It is inevitable and indeed desirable that the saddle of a Columbian Wyandotte be striped. This is a characteristic of the Wyandotte family, and can not be eliminated. Every one of the varieties of the Wyandotte has it—it can even be observed on the White Wyandotte, on close inspection, the striping being in their case, a white striping, instead of a colored striping; but mossy back Columbian males are undesirable from any point of view, and especially if the breeder is striving to produce clean back pullets.

**TAIL COVERTS OF FEMALES
SHOULD BE NARROWLY LACED**

My own opinion in regard to the tail coverts of females is somewhat different than appears to be that of a number of other breeders. I have been striving for, and have attained, in our "Rebecca", 1st Madison Square, two years ago; and in our 1st pullet at the Garden this year, a very narrow white edging on the tail coverts. The Wyandotte is a smaller and a daintier bird than the light Brahma, and as a consequence, I believe that the tail coverts should be of a more "refined" type than those to be found on the Brahma. A very wide white edge on the tail coverts is not apt to be so clear or distinct as a narrow edging, and therefore, in my judgment, does not produce as beautiful an effect. I really believe that with respect to the tail, taken as a whole—our 1st Garden pullet, this year, was the best yet produced. She had solid black main tail feathers, and a great abundance of coverts, one regularly laid over the other, and each of the coverts was solid black, with a white edge, scarcely more than 1-16 of an inch wide—but perfectly clear and clean. This produces a better effect for the Wyandotte than it would for the Brahma.

There is much I would like to say in regard to under color, wings, secondaries, cape, and other points of color, but space here forbids, and I will only remark that one must be careful to breed from birds which are really black and white, and not brown or bronze and white.

Far above all color considerations, however, is shape, and this is the first object to strive for—without shape, you have not the breed; and type must always be the foremost consideration.

PITTSBURGH PERFECT FENCE

Welding by electricity has long been successfully established as the only process to perfectly amalgamate two metals into one. You have hardly a tool or piece of machinery on your farm but that is electrically welded where there is a juncture of metals. The present state of perfection of garden and barnyard tools, mowers, reapers, binders, threshers, cultivators, kitchen utensils, dairy machinery, edge tools, chains, automobile engines and steering gears, bottoms of oil cans, frames

of bicycles, etc., is made possible through electric welding. The same process produces "Pittsburgh Perfect" electrically welded wire fencing, which is a solid, one piece fabric enjoying many distinctive advantages, among them being the ease with which it is strung, the great tension to which it can be stretched because of the absolute elimination of "long" and "short" line wires, the smooth surface making the wire-cuts impossible, and the neat appearance of the fence. Modern methods of manufacture in many lines have been greatly benefited by the discovery and practice of welding by electricity.

Patteson's Campines - Silver - Golden

Some choice breeding cockerels for sale, both colors. Write for description and prices.
W. M. Patteson, Box W, Penn Yan, N. Y.

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.
WILLIAM F. BRACE, VICTOR, N.Y., U. S. A.

TOLMAN WHITE PLYMOUTH ROCK

BABY CHICKS and EGGS FOR HATCHING

When you order from Tolman, you get the best at a popular price. Eggs and Chicks now ready. Circular and fine list Free.

JOSEPH TOLMAN, Dept. G, ROCKLAND, MASS.

Vincent's Buff Rocks Continue To Win

Camden, N. J.—2-3 Cocks, 1-2 Hens, 3 Cockerel, 4 Pullet, 1 Pen. Scranton—3-4 Cocks, 1-2-3 Hens, 1-5 Cockerels, 1-3 Pullets. Cocks, Hens, Cockerels and Pullets for sale related to above winners. Prices reasonable and satisfaction guaranteed. Mating List ready February 15th.

JAMES H. VINCENT, HAZELTON, PA.

R. C. Rhode Island Reds and S. C. White Orpingtons

Sacrifice Sale Having decided to reduce our stock, we will dispose of our R. C. Rhode Island Reds and S. C. White Orpingtons at sacrifice prices. Pullets in groups of three \$4 to \$6, five on one order at \$7 to \$10, ten at one time \$12 to \$20. Also some choice cockerels. Write your wants at once.
PARSON'S POULTRY PLANT, P. O. Box 40, AVON LAKE, OHIO

**Our Trade Mark
Guarantees Quality**

It assures absolute satisfaction to the customer. That is why we sell half our stock in advance to old customers—those who have been well pleased with the vigor and quality of our

**White Leghorn Chicks
and Breeding Stock**

We have a mammoth incubating capacity of 60,000 eggs at one time. Our cellars, brooders, ranges and houses are faultless in construction and efficiency. They are built right and managed properly.

Our stock is vigorous, heavy laying and possess the stamina that comes from years of intelligent breeding. Our birds are clean, trim—they show **QUALITY**, always!

Write for our catalog. It will save you money. It contains full description and prices. Free on request.

**MICHIGAN POULTRY FARM
LANSING, MICH.**



Detroit, Mich.
Dec. 29, 1912.

Chicks received in June, 1911, began laying at 5 months of age. In severe winter 1911-12, pullets from these produced 40% yield. They averaged 170 eggs in that time.

Chicks received in March, 1912 began laying at 18 weeks old and at 5 months 85% of pullets were laying. They laid during their fall pullet moult.

Chicks received in June 1911, were not let lay until 5 1/2 months old. In Dec. they averaged a 50% yield. Never had pullets lay such fine eggs.

PAUL ELLIS,
339 Lyncaste Ave.



NOTICE

At the annual meeting of the Single Comb White Leghorn Club of Central New York, held at Sidney, N. Y., Poultry Show, Jan. 29th, 1913, the following officers were elected: President, Harry Parker, Edmoston; vice-president, F. H. Pardee, New Berlin; secretary-treasurer, Edwin H. Chase, Edmoston. Directors: J. H. Kales, Tunnel; S. K. Willcox, Smyrna; Clinton H. Furbish, Spencerport; John G. Deswick, Madrid Springs. The club is getting out a new catalog, which will be of interest to every breeder of S. C. White Leghorns, and will be mailed to any breeder in New York State free on request. For catalog and further information, write to Edwin H. Chase, Secretary, Edmoston, N. Y., R. D. 1.

NATIONAL COLUMBIAN WYANDOTTE CLUB

The National Columbian Wyandotte Club has just issued its fifth annual catalogue and it is a book that will prove very interesting and helpful to all Columbian Wyandotte breeders.

The catalog contains 80 pages printed on the best of paper to show up the half-tone illustrations and text. It has, besides the list of officers and members, many valuable articles by prominent fanciers, a full report of the annual meeting and list of awards of all club special prizes at last season's shows. Mr. D. Lincoln Orr of Orr's Mills, N. Y., is the new president, taking the place of Mr. W. G. Fenton, who resigned.

The club has published its new and copyrighted club standard for Columbian Wyandottes. These are for members only.

The catalog is free upon request. Address, National Columbian Wyandotte Club, Ralph Woodward, Sec.-Treas., Grafton, Massachusetts.

THE AMERICAN COLUMBIAN PLYMOUTH ROCK CLUB

The regular annual meeting of The American Columbian Plymouth Rock Club was held at Philadelphia, Pa., in connection with the Philadelphia show, at which time the regular club business was transacted, various important matters discussed and the following officers elected: President, F. G. Bean, Collegeville, Pa.; vice-presidents, Dr. E. B. Kaple, Elbridge, N. Y., F. L. Platt, Toledo, Ohio, Howard M. Munroe, Lexington, Mass.; secretary-treasurer, D. Monroe Green, Waterville, N. Y. An elaborate new club book has just been issued by the organization. It is printed on heavy enameled paper with beautifully embossed imitation alligator skin cover. Contains an abundance of valuable articles and other information concerning Columbian Plymouth Rocks, together with original, life-like illustrations of prize winning specimens. Every person interested in Plymouth Rocks of any variety should read this book. It was issued at a heavy expense, but a copy will be sent free to anyone upon receipt of 10c to cover packing and postage. Send for one today. Address, D. Monroe Green, Sec'y., Waterville, N. Y.

ROSE COMB WHITE ORPINGTON BREEDERS, ATTENTION

Secretary Campbell assures us that when our club has 100 members the breed will be admitted to the Standard.

Every fancier of the Rose Combs is urged to join the club at once as the

club catalog goes to press at once and should contain the name of every possible member.

The dues are \$1 per year, and Milton W. Brown is the secretary, Sta. L, Cincinnati, O.

The grand showing at the shows of the country this year makes it certain that the quality and numbers warrant the hope of a popularity for the R. C. Whites, not in any way second the Single Comb Whites.

Those interested who do not yet breed R. C. Whites are invited to send stamp for club catalog to the secretary.

CRESTED FOWL BREEDERS' ASSOCIATION OF AMERICA

National Championship Prize Cups to be Offered on All Varieties

Next Season

At the next annual meeting to be held during the Boston show on Wednesday, January 14th, 1914, the Crested Fowl Breeders' Association of America will award a National Championship Prize Cup in each and every variety of Crested Fowl known, viz: Polish and Polish Bantams; Houdans, Creve Coeurs; Sultans, Crested La Fleche, Silkies and Crested Ducks.

This competition is open to Crested Fowl Breeders' Association members only, and covers all recognized exhibitions or shows governed by American Poultry Association rules and regulations held in the United States or Canada for the period of time commencing January 6, 1913, and ending with Boston Show January 14, 1914. The following scale of points will govern the entire contest—in single classes:

- 1st prize 6 points; 2nd prize 5 points;
- 3rd prize 4 points; 4th prize 3 points;
- 5th prize 2 points; 6th prize 1 point.

BLUE ORPINGTON DUCKS

We beg to announce, to the poultry world the purchase of the entire flock of Blue Orpington Ducks of the Sunswick Poultry Farm together with all their winners and goodwill. It is our purpose to develop this flock extensively and we solicit correspondence from breeders of this choice fowl.

ROSELAWN FARM, J. H. Wendler,

LAKELAND, FLA.

—PARK VIEW S. C. WHITE LEGHORNS—

The kind that lay, pay and win. We breed for vigor and egg production and we have one of the greatest winter laying strains in America. Stock raised on Free Range. We make a specialty of selling Baby Chicks and Eggs for Hatching. Elegant breeders and exhibition birds always for sale. We use the Candee, Address

PARK VIEW POULTRY FARM, W. Edw. Hamilton, Prop.,

TROY, N. Y.

WHITE ORPINGTONS PARTRIDGE WYANDOTTES

In Partridge Wyandottes at the Buffalo Show, January 13th to 18th, 1913, on three entries won 1st cockerel and 1st and 2nd pullet. At the Fredonia Show, December 30th, 1912, to January 4th, 1913, in class of 48 S. C. White Orpingtons won 1st cock, 2nd cockerel, 2nd and 3rd hen and 2nd pullet also 1st pen in class of 7 pens competing. At Silver Creek show on 6 entries won 4 firsts, 1 second and 1 third. Eggs from 2 fine matings of Partridge Wyandottes \$2.00 and \$3.00 per 15. Will have 5 extra nice matings of White Orpingtons the pick from 300 birds. Eggs at \$1.50 to \$3.00 per setting of 15, \$10.00 per hundred, equal number of eggs from the 5 pens. Some fine breeding stock for sale.

H. WILSON FROST,

FREDONIA, N. Y.

DEAN'S ENGLISH PENCILED

Fawn and White Indian Runners

My strain is composed of the best blood lines in America and have won at leading shows. I can furnish birds to win or for breeders at one-half their real value. Eggs for hatching from selected matings at \$3.00, \$1.00, \$10.00 per 15. Stock always for sale.

E. F. DEAN,

715 Market Street,

WILLIAMSPORT, PA.

ROYAL SCARLET STRAIN

S. C.—RHODE ISLAND REDS—S. C.

Possess type and brilliancy of color that places them in the winning classes as my record at New York State Fair, Yonkers, Orangeburg and elsewhere will prove. Baby Chick and Eggs for Hatching, orders now being booked. No more stock for sale. Mating List Free. Try "Royal Scarlet" Strain and win the Blue.

J. C. BOYAN,

Box W,

NYACK, N. Y.

Andrews' White Wyandottes

Boston Winners Again 1913.

In Strongest Competition Ever Known

First Pen, 2nd 4th 5th Cock, 2nd, 3rd Hen, 2nd Cockerel. Remember I hold the world's record of winning at Boston every year for the past 16 years. Six First Pens in the last seven years. 3 first Cockerels in last four years. 4 second Cockerels in the last four years. A few grand breeding males left that will do you good. Send for mating list showing winners. Eggs from finest matings ever bred, \$10 per 15, \$18 per 30, \$25 per 45. Book early.

J. W. ANDREWS,

Box W,

DIGHTON, MASS.



In pen classes the points will be as follows:

- 1st prize 12 points; 2nd prize 10 points;
- 3rd prize 8 points; 4th prize 6 points;
- 5th prize 4 points; 6th prize 2 points.

The Stipulations of the contest demanded by the Association are.—First: That for each and every cup there must be at least five (5) members contesting. Should there be less than this number a Crested Fowl Breeders' Association National Championship Ribbon will be awarded. Secondly: Each member entering this competition must have exhibited in at least two (2) shows or exhibitions within the said period of time, January 6, 1913, to January 14, 1914. Third: All slips properly certified must be in the hands of Secretary-Treasurer, John A. Gough, of the Crested Fowl Breeders' Association on or before Jan. 14, 1914.

On this day the files will be closed and the member in each variety credited with the largest number of points will be declared Crested Fowl Breeders' Association National Champion, and be awarded the Championship Cup in that variety for the year 1913.

Ribbons for the best male and female in each class, will be gladly furnished to any and all exhibitions patronized by our members, but these ribbons must be recognized as special prizes in the advance premium lists of such organizations or they will not be awarded. Members should govern themselves accordingly, notifying Secretary John A. Gough of the association in early enough season, that he may inform the officers of such exhibition that ribbons will be awarded.

The following gentlemen are recommended to the fancy as being the most proficient judges of Crested Fowl that there are in the country, and exhibitors are advised to secure their services in this capacity whenever possible:

- Wm. G. Minnich, Carlisle, Pa.; Dan. P. Shove, Fall River, Mass.; John Kriner, Stettersville, Pa.; W. H. Card, Manchester, Conn.; John H. Drenstedt, Buffalo, N. Y.; Wm. McNeil, London, Ont., Canada; W. B. Atherton, Boston, Mass.; Aug. J. Braun, Syracuse, N. Y.; Hugh A. Rose, Welland, Ont., Canada; Richard Oke, London, Ont., Canada; Chas. A. Braun, Syracuse, N. Y.

Owing to the fact that a great many of the fanciers who have written their appreciation of the plan have not had time enough yet to get their lists signed and returned to the secretary, only the following have entered at date, March 9th: Mr. Chas. L. Seely, Afton, N. Y., 125 points won at Albany, N. Y.; Mr. Leontine Lincoln, Jr., Falls River, Mass., 42 points won at Boston show in Silver Bearded Polish class; Mr. James Abernethy, president The American Houdan Club, commends the plan as follows:

"I think your National Championship plan is indeed excellent. It puts the small breeders on an equality with the larger breeders, the prize not going to the man making a display at only one large show, but to the man or woman who shows at several shows, and keeps up the good work of making people acquainted with the different varieties of Crested Fowl. There is no question but that the best way to make any breed well known is to exhibit good specimens of that breed at the poultry shows. The more shows that a breed are exhibited at, provid-

ing they are good specimens, the more widely and favorably the breed becomes known, and more people are attracted to them. It therefore pays every breeder to exhibit his birds as often as possible; let the people see the beauty of the Crested Fowl and you will find that the more widely you exhibit the more friends and admirers you make for the breed. So 'Good Luck' to your plan, as I believe that it will be a great success."

The Crested Fowl Breeders' Association has been making rapid strides in membership since the annual meeting at Boston show, 1913, but to gain the point of success that its officers wish to attain, it must keep right on doing so. We therefore take advantage of the opportunity so kindly extended us by the poultry world to extend to each and every breeder of any variety of Crested Fowl a most cordial invitation to join our ranks. We are the only organization at the present time offering special inducements and ribbons to its members for Silkies, Creve Coeurs, Sultans and the Crested La Fleche. Our association is recommended and patronized by the leading officials and

HUMPHREYZE
The new way to make hens lay. "The Golden Egg" tells all, free. A Humphrey Bone Cutter on free trial. HUMPHREY Buff St. Factory, Joliet, Ill.

PARTRIDGE ROCKS
ALSO COLUMBIAN, SILVER Penciled and Banded of high-class. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Box W, Charlotte, Mich.

Crown Bone Cutter
Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send today for catalogue. WILSON BROS., Box 825, Easton, Pa. **BEST MADE Lowest in Price**

Dartmoor Yards "Dark Cornish"
Our International Champions won 3 firsts, "Best Display" both Best Male and Best Female at Jan. 1912, Baltimore Club Show. 145 birds in class. 16 exhibitors. Write for other recent winnings. No eggs, season 1913. Address correspondence to **CHARLES S. BRENT, prop., OCONOMOWOC, WISC.** Life Member American Poultry Association.

HILLHURST FARM COLUMBIAN WYANDOTTES

A very choice lot of breeding hens, strong in neck and tail markings for sale at right prices. **BABY CHICKS** Now booking egg orders from finest matings ever put together. **BABY CHICKS** J. B. CASTERLINE, Mgr., ORCHARD PARK, N. Y.

IMPERIAL BUFF WYANDOTTES

"THE GREATEST WINTER LAYERS"

Winners at Grand Central Palace, Philadelphia, Savannah, Ga., etc.

STOCK, EGGS, BABY CHICKS. Write for List

SUFFOLK FARMS, LAKE RONKONKOMA, N. Y.
ARTHUR H. MYERS, Owner, THOS. FISH, Jr. Mgr., Members American Buff Wyandotte Club.

COLUMBIAN WYANDOTTES

New York State Champions

Winners of State Display Trophy, Ass'n Display Cups, Sweepstakes, Firsts, Specials and Club Ribbons at Rochester, N. Y., January, 1913, where the National Columbian Wyandotte Club held their State Yearly Meeting and in the third largest class in the show I won 1st and 2d Cock in class of 11; 4th Hen in class of 10; 1st and 3d Cockerel in class of 13; 1st and 2d Pull in class of 11; 2d and 3d Pen in class of 8. Club Ribbons for best shaped and best colored male. Prizes for best cock and hen, best cockerel and pullet, best cock, hen, cockerel, pullet and pen. New York State Gold-line Silver Trophy for best display. I also won best display at three shows in three consecutive weeks of January. **Eggs \$5.00 and \$3.00 per 15.** Everyone interested in this variety send for mating list. Someone will raise the best Columbian of the year. Do you wish to be the one?

LEVI A. AYRES, Box B, GRANVILLE, N. Y.

Eggs for Hatching and Baby Chicks from

Fogg's Single Comb White Leghorns

will produce you fine exhibition birds and heavy layers. The breeders this season are the finest lot we have ever mated. Our baby chicks are the kind that live and eggs for hatching will produce that kind. We guarantee safe arrival of eggs and chicks. Send for mating list now.

N. V. FOGG, Box W, MT. STERLING, KY.

FAIRVIEW WHITE ROCKS - - - SWEEPSTAKES CHAMPIONS

At Chicago, Indianapolis, Louisville and Memphis, and winners in the Louisville Evening Post Egg Laying Contest.

Just Think of It! In eighteen shows in which they have been entered since 1908, in competition with birds from all our biggest breeders, shown either by their customers or by the breeders themselves, "Fairview" strain won more firsts than all competitors combined. At the last Chicago Show, competing with Owen Farms and others, they won;—**1st and 3rd Pen, 5th Cockerel and 1st and Grand Championship on Hen.** This is the second time this season I have competed with so-called leaders and each time "Fairview" White Rocks have held their own. If you want to know more about these phenomenal winners, send to cents for my beautiful illustrated catalogue. Mating list giving description of the finest lot of White Rock matings ever put together, free for the asking.

Eggs \$3, \$5, \$10, \$15, \$20 and \$25 and \$30 per 15.

Guy Daily,

Box G,

Jeffersonville, Ind.



One of the most admired birds in the White Leghorn alley at the big Hagerstown show, last October, was Dune Alpin's first prize pullet. The illustration above shows the graceful type of this beautiful specimen with unusual spread and fullness of tail, neat head and comb.

members of the American Houdan Club and the leading American Polish Club, also the American Poultry Association judges. We have compiled a list of what we consider the best judges of Crested Fowl and recommend them to fanciers always. Winnings in National Championship Cups plan, will not be recognized unless filed on the slips properly attested, provided by the Crested Fowl Breeders Association. As many of these as may be required will be gladly furnished upon application to John A. Gough, Sec'y and Treas., Crested Fowl Breeders' Association of America, New Haven, Conn.

BEAUTIFUL BUFF WYANDOTTE CATALOG

The new catalog issued by Rocky Run Farm, Northfield, Ohio, is a most attractive book, the picturesque views at Mr. Marshall's beautiful country home, as well as the pictures of the poultry buildings and runs and winning Buff Wyandottes, being excellently printed. The cover design is unique in design as well as in the color scheme.

This high class catalog reflects the high standard of the splendid Buff Wyandottes bred under the expert management of Gerald Williams, a fancier who has produced many good ones in the past, and who, with the increased facilities and the liberal backing extended to him by the proprietor of Rocky Run Farm, will be in a position to produce more and greater high class birds than ever in the years to come of the Buff Wyandotte fowl, as its splendid qualities are more universally known and appreciated. No Wyandotte fancier should fail to send for a copy of the above mentioned catalog.

*** Let us supply your reading matter—look up our clubbing combinations on another page ***

TWENTIETH CENTURY TRAP-NEST

One of the latest inventions in poultry appliances is the Twentieth Century Automatic Trap-nest invented and manufactured by C. S. Barnes, Columbus, Ohio. Mr. Barnes calls attention to the following advantages of this improved type of trap-nests as follows: "They are so constructed that you place them in the partition between two pens. They enter from one pen and let themselves out in pen No. 2, so when evening comes, you know what part of the flock has done the work for that day. Then you can put on your leg bands and check up, and so each evening and in a very short time you can commence to cull out the ones that are killing your profit. By the use of the Twentieth Century Automatic Trap-nest you reduce the labor of tending the nests to take off the hen and resetting same every hour, as with the old style nest. And it takes less number of nests, because there is no waiting, for when the hen has laid she is at liberty, and

the nest is set automatically ready for the nest waiting Biddy."

Further particulars of Mr. Barnes' new trap-nests will be found in his illustrated catalog just issued, which is free to readers of AMERICAN POULTRY WORLD who will send their names and addresses to C. S. Barnes, 86 King Ave., Columbus, Ohio.

WAHEBE BANTAM YARDS

Cochin Bantams are probably the most popular of all breeds of Bantams, the four varieties, Buff, Black, White and Partridge, finding many admirers. The Wahebe Bantam Yards, Cincinnati, Box 359-R, Ohio, have just issued a very pretty booklet which is devoted exclusively to the four varieties of Cochin Bantams. The high class stock bred at the above mentioned yards and the many prizes won by the Wahebe birds make these yards one of the most formidable in the country. A study of the matings and the illustrations in this booklet will prove instructive and interesting to all Bantam breeders.

Barred Rocks Neafie Bros. White Rocks
Madison Square Garden—Philadelphia—Trenton Fair
We have egg orders booked from some of the largest and oldest breeders in America. Another convincing fact. Some fine stock for sale. We raise all our winners.
Neafie Bros., Drawer N-1, Spring Lake Beach, N. J.

ENGLISH BLACK, WHITE, BUFF, ORPINGTONS Rose and Single Comb, Males \$5 to \$10; females \$3 to \$5.

John A. Hageman Co., 12-6 Box W, Charlotte, Mich.

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.

S. C. WHITE LEGHORNS

Majestic Strain (Yong's via E. G. Wyckoff's)
Winners at the New York State Fair, 1908-'09-'10-'11.

EZRA C. CARTER, MARATHON, N. Y.

Champions That Have Proven Themselves Champions
Hilldorfer's Champion Jumbo Black Minorcas
THE HILLDORFER BLACK MINORCA FARM,
G. E. Norman, Mgr., SAXONBURG, Butler Co., PA.
Complete Catalogue on request. Please mention this Journal

FAIR HAVEN POULTRY FARM PRIZE MATING WHITE ORPINGTONS

PRIZE WINNERS FARM BRED WINTER LAYERS
We are now booking orders for stock and eggs. Order early. Write for prices and mating list.
W. J. WEAVER, "White Orpington Specialist,"

R. F. D. No. 9, Hillsboro Road, NASHVILLE, TENNESSEE

BUFF WYANDOTTES "GOLDEN GLOW" STRAIN

1st, 2nd, and 3rd Madison Square Winners head my breeding pens.
THEODORE S. HEWKE, MIDDLETOWN, N. Y.

S. C. Buff and White Leghorns Silver Campines S. C. Black Minorcas

Prize stock or utility eggs for sale after February 1st, 1913.
90 per cent fertility guaranteed. For booklet and prices address
RED SOX FARM, John I. Taylor, Prop., DEDHAM, MASS.

BEATTY'S NEVER FAIL Strain of Non-Fading, Always Winning S. and R. Comb Rhode Island Reds

Have won more 1st and special prizes at Cleveland, O., Indianapolis, Detroit, the past year than all competitors combined.

16 - Grand Matings - 16

Write today for my Beautiful Catalog and Mating List. It's Free.

CARL C. BEATTY, VAN WERT, OHIO

YOUNG'S WHITE LEGHORNS

That the White Leghorn is the most widely disseminated and most popular variety of Standard-bred poultry in the world today is generally admitted to be true by all fairminded poultry breeders. It has been, is and will be bred for its valuable egg laying qualities, wherever white shelled eggs are in demand, and they seem to be in great demand everywhere just now.

But aside from the wonderful utilitarian qualities of the White Leghorn, it commands almost equally great popularity as an exhibition fowl, the remarkable progress made in recent years in molding the original smaller and less symmetrical type into the beautiful modern Leghorn, making it one of the most attractive exhibits at our poultry exhibitions.

To D. W. Young of Monroe, N. Y., the lion's share of the credit for the evolution of the White Leghorn from the inferior type of the past to the superior type of the present must be gained. The old master, if we may call him such, has been hard at it since 1858, refining and molding into shape a strain of White Leghorns that stands without a peer in this or any other country.

In looking over Dan Young's 1913 mating list, readers of AMERICAN POULTRY WORLD will readily discover why White Leghorns are among the chosen few in the poultry world. The beautiful illustrations of Mr. Young's noted winners provide a study for lovers of finely bred poultry, as they represent quite faithfully, the graceful body lines and low carriage of the well spread tail, as well as the superb head points of the living specimens produced by the skill and patience of D. W. Young.

The text of this mating list is decidedly interesting, as it contains several exhausting articles on Mr. Young's White Leghorns, written by expert judges and breeders who tell of the methods practiced by Mr. Young and of the records made by his birds at America's leading shows.

Young's White Leghorns are bred at Monroe, N. Y., in good old Orange County, not very far from the farm the writer of this owned in eighties, so we know the soil and climate is well adapted for raising the brand of Leghorns that Dan Young boasts of as having not only beauty to spare, but plenty of stamina and vitality as well. We bred some pretty fair White Leghorns in Orange County twenty-five years ago, but it would take about one hundred good ones at that time to fetch the price D. W. Young gets for a single specimen today.

However, no prospective buyer of White Leghorns or White Leghorn eggs need be frightened at the present day price. The stock is worth it, besides the demand is always greater than the supply.

In looking over the prices found in Mr. Young's mating list, we come to the conclusion they are very reasonable considering the superior quality of his stock, in fact, the prices charged for eggs are as low and even lower, than some breeders of other varieties charge for eggs selected from special matings. As all the matings are carefully described in this mating list, we advise readers of AMERICAN POULTRY WORLD to send for one as early as possible if they desire to obtain eggs from any particular pen. Address D. W. Young, Monroe, New York.

To Late to Classify

BEST LOCATED FARM FOR POULTRY BREEDING PLANT IN U. S.; adjacent R. R. Union Station in N. J.; partly developed; has future building lot value; will sell 5 to 100 acres at bargain; owner has other interests. Dr. J. M. W. Kitchen, 94 Prospect St., East Orange, N. J. 4-7-3

ENGLAND'S OLDEST FOWLS—RED DORKINGS: These birds the Romans brought to Britain, are the most beautiful of the best table breed. Cocks black-breasted reds of eight pounds; hens black spangled reds of six. Heavy layers, winter and summer, of white eggs. Cockerels, five dollars up. Settings of fifteen, first pen, five dollars; second pen, two dollars. Write for new sort of circular to C. Weygandt, Wissahickon Ave., Mt. Airy, Philadelphia, Pa. 1-4-3

ENGLISH WHITE ORPINGTONS imported direct from William Bell, England's greatest breeder. Winners at Buffalo International Show. Eggs \$3.00 per setting. Orchard Farm, Williamsville, N. Y. 2-5-3

SILVER CAMPINES of quality. First prize winners at Buffalo. Eggs \$5.00 per 15. Lew Bown, East Aurora, N. Y. 2-5-3

KERLIN FARM BUFF ROCKS AND R. C. BROWN LEGHORNS

The Kerlin Evergold Buff Plymouth Rocks and Rose Comb Brown Leghorns have been bred at Kerlin Farm, Pottstown, Pa., for the past twenty years. They have not only made a notable record in the show room, winning hundreds of ribbons at America's leading shows, but have proven great layers as well, notably the Rose Comb Brown Leghorns, which are known as the Kerlin Busy Bee 248 Egg Strain. Mrs. Bertha M. Kerlin, prop., and Elmer E. Kerlin, mgr., will book orders for eggs from their best pens at very reasonable prices, this season. Poultry raisers desiring first-class exhibition and laying stock should send to Kerlin Farm, Pottstown, Pa., for the new price list just issued by the latter.

COLUMBIAN PLYMOUTH ROCKS

Size, Shape, Color and prices right. Stock, Eggs and Day Old Chicks. Mating List Free. A. A. WHYLAND, CHATHAM, N. Y.

200 EGG INCUBATOR, \$3.00
 No freight to pay. Actual hen controls everything. No lamps, no expense, no costly mistakes. Over \$50.00 sold. Thousands of testimonials. Agents wanted. Free Catalog with Special Introductory Offer
 Natural Hen Incubator Co., Sta. H, Dept. W Los Angeles, Cal.

Reepmeyer's Silver Laced Wyandottes *Again Big Winners.* This season at Grand Central Palace on four entries we won First Cock, First Hen, Third Cockerel, First Pullet. Madison Square, 2nd Cockerel, 2nd Pullet. Last season at Philadelphia in the largest and best class of Silvers ever shown we won First Pullet. At Buffalo, N. Y., First Hen. These winnings stamp them champions. Eggs from these winners \$5 per 15. Book your orders now. Write J. REEPMAYER, Jr., CRAIG, Schenectady Co., N. Y.

LORD-SANBORN BUFF WYANDOTTES

200 pure Lord birds for sale at \$5.00 each. Best display at Palace and Boston Shows, 1911. New and helpful printed matter for the asking. DR. N. W. SANBORN, R. F. D. No. 224, HOLDEN, MASS.

BROADFIELD FARMS S. C. W. LEGHORNS

D. W. Young Strain. Winners at Albany and Utica, 1913 shows. Utility eggs \$2 per 15 and \$6 per 100. Exhibition matings \$10 per 15, breeding stock for sale after June 15. Write for prices. BROADFIELD, C. B. Hay, Mgr., GREENWICH, N. Y.

RILEY'S ROSE COMB REDS

Make nearly a clean sweep at Buffalo and Rochester winning all the cups and specials offered for best display, both combs competing, including Mayor Fuhrman's Grand Trophy. Some splendid birds for sale. Eggs at popular prices. Free Mating List, tells the story. C. E. RILEY, Box 3, 431 Fargo Avenue, BUFFALO, N. Y.

ONDAWA FARM WHITE LEGHORNS

Win Prizes and Lay Eggs



Winners of silver cups, sweepstakes, first and special prizes at prominent eastern shows during the last twelve years and known the country over as "the leading strain of heavy layers."

My winnings at the Albany, N. Y., show held January 1st to 5th, 1912, in the strongest class ever brought together at this show were as follows: 1st cock, 1st hen, 1st and 5th cockerel, 2nd and 3rd pullet, 2nd pen old and 4th pen young, also the \$20.00 gold special for best exhibit of S. C. White Leghorns.

The first prize cock at Albany is shown in the accompanying photograph. I have 65 choice breeding or exhibition cockerels and 50 pullets sired by this bird or sale.



Send 10c. for my 54-page, beautifully illustrated catalogue, describing my heavy egg producing strain and full of valuable information on poultry breeding, such as hatching, feeding, rearing, showing etc. It gives over thirty photographs and many full page pictures of farm, houses and stock. If you are in the market for stock or eggs write me to-day. I have pleased hundreds, why not you? Address ONDAWA FARM, Lewis T. McLean, Box 60, SHUSHAN, N. Y. Member of the National Single Comb White Leghorn Club

REGAL WHITE WYANDOTTES

John S. Martin, the Canadian wizard, swooped down from Port Dover, Ontario, to the Boston Show last winter with his "Regal White Wyandottes and made about the greatest killing in that hot bed of Whites ever known, taking every blue ribbon in single classes, besides second, third and fourth pens and too many specials to count. But this master builder of Wyandotte form and color is noted for doing such remarkable stunts in the show room. There's a reason for it, viz: He has mastered the art of breeding White Wyandottes that breed true to type and color, consequently his strain of "Regals" are a living example of the good old breeder's maximum "Like Begets Like." But we must have the right kind of "Like" to begin with, that is where our friend Martin is fortunate for the possession of the finest brand of "Like" in his Regal White Wyandottes. A study of John S. Martin's mating list for 1913, especially the beautiful illustrations of his winning cocks, hens, cockerels and pullets and pens, show the family resemblance in typical shape of the body as well as in the excellent comb and headpoints. The true Wyandotte shape is found in both males and females, especially in the well executed illustration by Mr. Sewell on the back cover of the catalogue. John S. Martin has stuck to standard shape when faddists strayed away from it and exploited a type that became temporarily fashionable in the East, but which is no longer in the lime-light consequently the Wyandottes has come back to its own, thanks to John S. Martin and other loyal White Wyandotte fanciers who stood by him in his fight for the standard bird. No White Wyandotte breeder can afford to be without a copy of the "Regal" White Wyandotte catalogue and mating list.

H. E. LAPP

Attention is called to the advertising of H. E. Lapp, Route 6 W, Allentown, Pa., specialist in all varieties of Wyandottes. Mr. Lapp has for years devoted his attention to the breeding of all varieties of Wyandottes and has been very successful in producing specimens in which the standard qualities are combined to the very highest degree, as his record at the recent Allentown Fair will testify. He made twenty entries in his several varieties at this great exhibition and succeeded in winning thirteen 1sts, three 2nds, one 3rd and one 4th, or a total of eighteen regular prizes on twenty entries. Our advertising representative informs us that he visited Mr. Lapp's place recently, and handled a great many of his birds, and that it is a pleasure for him to recommend Mr. Lapp to readers of A. P. W. Several choice pens have been mated for the egg trade and orders for eggs will be booked at very reasonable prices. Can also furnish choice stock for breeding and exhibition purposes of any variety and will give his personal attention to all orders. He also has a very select lot of Muscovy Ducks.

C. L. A. WHITNEY AND CHAS. B. McEWAN

C. L. A. Whitney and Charles B. McEwan of Albany, N. Y., are sending out a neat mating list of their Buff Wyandottes this spring. Probably no more select stock of Buff Wyandottes can be found than the birds that are mated up in the two pens owned by Messrs. Whitney & McEwan, the cream of the late W. T. Lord's famous flock of Buff Wyandottes having been purchased by this enterprising firm of fanciers. In pen No. 1, ten as fine females as there are in existence, including first and second at the Palace

show, 1911, and first and third pullet at the same exhibition, 1911, six others of equal merit and same line of blood. At the head of this pen is the first cockerel, Palace Show, December, 1911, who won specials for best male, best shaped male and best Buff Wyandotte in the show. Orders for eggs from this pen as well as pen No. 2 should be sent in early as possible as the supply will be limited.

*** "The Bantam Book," buy it for the little ones. It tells all about these little favorites. Copy post paid fifty-cent * * *

Summer Sale of Blink Bonnie S. C. White and S. C. Buff Leghorns

Note the prices. A fine lot of two year old breeders at 75 cents each. Choice yearling breeders at 1.00 each. Also a few cockerels at \$3.00 each. Order direct from this "Ad". First come first served. **Scotch Collies for Sale.** **BLINK BONNIE POULTRY YARDS,** Box W, BATH, PA.

WHITE ORPINGTONS "OF THE BETTER SORT" ARE WHITE AND STAY WHITE

Get Right. That means White. The yellow, brassy White Orpington is out of date. Send for our White booklet, it contains some boiled down facts and sound reasoning. It's Free. **MOUNTAIN VIEW FARM, E. A. Haring, Prop.,** R. F. D. SOUTH KENT, CONN.

America's Best Silver Duckwing and S. C. Buff Leghorns

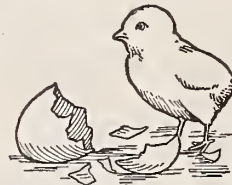
A grand lot of Cockerels and Pullets for sale in both Silvers and Buffs. If interested write me stating what you want. Mating list on request. **THOS. PEER,** Sec'y-Treas. National S. C. Buff Leghorn Club. **CALDWELL, N. J.**

CLARK'S QUALITY S. C. W. LEGHORNS Winners at kill, New Paltz, Middletown, N. Y., and Red Bank, N. J. Exhibition cockerels and pullets at prices that will move them. Eggs for Hatching from Quality Matings.

T. A. Clark, "Woodcrest," **Rifton, N. Y.**

BUFF WYANDOTTES

J. E. BURT, Send for Mating List. Eggs as Represented. **ATHOL, MASS.**



BABY CHICKS 10C EACH AND UP

Large vigorous S. C. White Leghorns, S. C. White and Black Orpingtons, Rose Comb Black Minorcas, S. C. Brown Leghorns and Black Tailed Japanese Bantams. Prize winners at large shows. Our yards mated by G. W. Webb, poultry judge. Write for free circulars. **Snyder-Janke Poultry Farm,** **Olean, N. Y.**

McEwan's Partridge Wyandottes

Winners at Madison Square Garden, Albany and Rochester and elsewhere. If you want rich brilliant color, beautiful markings and correct shape. I can please you. **SINGLE MATING ONLY.** I advocate and practice single matings only. My first Pullet Albany 1913, was bred from 1st Pullet 1911 and 1st Cock 1912. Be sure and send for mating list. Eggs at reasonable price. **C. B. McEWAN,** **ALBANY, N. Y.**

Rose Comb Rhode Island Reds

IMPERIAL STRAIN

Bred in Line for 14 years and are the World's recognized leaders, and have won championship prizes at Boston against all comers. We have furnished blue ribbon winners for the World's leading shows. A few choice breeding birds for sale, also eggs from the strongest matings ever put together. I have made the scientific breeding of R. I. Reds my life study. Address

A. F. TILTON,

S. C. R. I. Red Specialist, **ROCKLAND, MASS.**

POLEY'S WORLD'S BEST BUFF ROCKS

Great Victory at Madison Square Garden, N. Y., January, 1913—Winning 4 firsts, 2 seconds, 1 third, 2 fifths and all shape and color specials, and as many points as all of our competitors combined for best display, in the largest class of Buff Rocks ever shown at the Garden and our winning birds were claimed to be the finest ever shown at the Garden. Send for our mating list and catalogue and get prices on Stock, Eggs and Baby Chicks. **SOME CHOICE STOCK AT A SACRIFICE TO MAKE ROOM FOR CHICKS.**

LINFIELD POULTRY FARM, John W. Poley, **Box W,** **LINFIELD, PA.**



great many breeders that the White Orpington demand would fall off, and that they would not continue to enjoy the great demand in the future which they have enjoyed in the past. But we find exactly the opposite to be the case. Our business this year has increased by leaps and bounds, not only for high grade exhibition specimens, but for good utility stock, and the reason for this is very apparent. We lay it all to the great utilitarian value of this wonderful breed of birds. It is true that anything can be sold by judicious advertising, whether it be of such merit or not, but it always costs more to make the first sale when you realize from the expenditure.

Now if the article has real merit, the buying public will keep up its purchase, and on account of this real merit the White Orpington will continue its popularity. In the hands of the amateur as well as the expert, these birds have proved their merit. We have many visitors on our farm during the coldest months of the winter, who have come out of curiosity to look over the birds. It is always our pleasure to take them with us on an egg col-

lection tour, and when they see us gathering in large baskets of eggs it is no trouble at all to convince them that they really need a pen of these magnificent layers.

We sold six pullets to one of the principals of our public schools, who had never had any experience before with chickens, and he reports to us since early fall when he purchased them, he has had an average of five eggs a day, which gave them all the eggs they wanted for their own use, and that occasionally they had a dozen to sell to their neighbors who had twenty or thirty chickens of other breeds and were not getting an egg.

As long as we breed these birds so that they will maintain this high utility value, they are going to increase in popularity from year to year, and we confidently believe and predict that the time is not far distant when every farmyard throughout the country will have a flock of these birds and that they will gradually displace the mongrels now owned by so many farmers.

The man or woman that gets busy and raises some really high grade birds that are true representatives of

BUFF ORPINGTONS
BROAD AND DEEP, HEAVY LAYING STRAIN
YOUNG STOCK WELL MATURED
E. L. GROVE, MEADVILLE, PA.

For Over 20 Years

Elm Poultry Yards
HARTFORD, CONN.

Have been producing prize winning birds. Write for free bulletin describing our 30 popular varieties.

HILL'S HATCHERY "HEALTHY HATCHED CHICKS"

Chicks
S. C. White Leghorns . . . 12½c
S. C. Black Minorcas . . . 15c
Barrd Plymouth Rocks, 15c
Rhode Island Reds . . . 20c
White Wyandottes . . . 20c
White Orpingtons . . . 50c
HATCHING EGGS

Thirteen Years' Experience; Correspondence Solicited.
LOUIS V. HILL, 296 North Seventh St., NEWARK, N. Y.

This beautiful White Plymouth Rock hen has won many first prizes, and illustrates the high quality of the "Fairfield" White Rocks as bred and exhibited by Guy Daily, Jeffersonville, Ind. Mr. Daily's record includes such shows as Chicago, Indianapolis, Louisville, and Kentucky, Illinois and Tennessee state fairs.

THE CONTINUED POPULARITY OF THE WHITE ORPINGTON BOTH FROM A FANCY AND UTILITY STANDPOINT

Having made a careful study of the White Orpington situation, not only as breeder-fanciers, but also from observation gathered from all quarters, the Messrs. Aldrich, proprietors of Aldrich Poultry Farm, Columbus, Ohio, write as follows on the future of the variety:

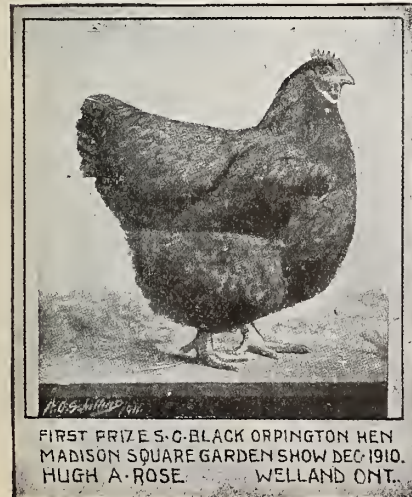
It has been freely prophesied by a

the winter, who have come out of curiosity to look over the birds. It is always our pleasure to take them with us on an egg col-

EASTERN STAR STRAIN S. C. REDS

means success. I am now booking orders for eggs from pens headed by 1st Hagerstown cock, 2nd New York State Fair Cock, 1st Scranton, Pa., Cock and their sons. I sold no females which won for me this year, they are in these pens. Write for mating list and mention A. P. W.

L. W. MAXSON, Box W, SCRANTON, PA.



Rose's Black Orpingtons

CHAMPIONS OF AMERICA
YOU ASK WHY? WE WILL CONVINCe YOU.

BECAUSE—
We not only made a *clean sweep* at *Madison Square* a year ago winning Grand \$25.00 Gold Special Best Display, but followed this record by winning *five times* as many Blues with our Blacks than any other competitor at *seven* greatest shows in America this season.

BECAUSE—
At these 7 Classic Shows—TORONTO, NEW YORK STATE FAIR, ALLENTOWN, HAGERSTOWN, BALTIMORE, MADISON SQUARE and BOSTON we captured *twenty-six firsts* out of a possible *thirty-six*, also 23 seconds, 11 thirds, 8 fourths, 5 fifths.

BECAUSE—
Six times we won the Grand Special for *Best Display*, twice *Cup* for best cockerel in entire show, once *Cup* Best Male in Show.

BECAUSE—We have supplied winners that have won at all the greatest shows including Madison Square, Baltimore and Boston. At *Boston, 1913*—Our last show this season we crowned our previous victories: 1st, 2nd cock; 1st, 5th, 6th cockerel; 1st, 2nd hen; 1st, 2nd, 3rd pullet; 1st, 2nd pen, and all specials offered. **EGGS**—Guaranteed hatchable eggs from the choicest pens of Blacks contains more renowned winners than any other breeders pens in the world, **\$10.00 per 15 eggs**. All unfertiles replaced free. **BUFF ORPINGTONS**—That won Madison Square 1912-13: 2nd hen, 3rd cockerel, 1st pullet, 4th pen, Also 13 Blue ribbons at above shows. **EGGS, \$10.00 per 15. CATALOGUE FREE**

HUGH A. ROSE,
Please mention this paper. Frank F. Conway, Mgr., Fonthill, Ontario, Canada

that breed, is going to have a ready market for them for years to come, and at a remunerative figure. It is true that he is not going to be able to send out anything that has white legs at a big figure, on account of any past reputation he may have, but if he delivers the goods and gives each and every customer good value for their money, he will continue to enjoy the patronage of his customers from year to year, as well as the new business that will naturally come his way.

In proof of the foregoing statements we wish to state that our demand for eggs and stock during the month of February and so far into March, has been beyond our highest expectations, running over \$3,000.00 for February for eggs alone, and nearly half that amount so far into March. So you see that the buying public is still interested in securing high grade eggs with the idea of improving their strains. Now anyone who breeds these birds right, shows them right, advertises them thoroughly, above all gives his customers value received will continue from year to year to increase his business. What one farm has done you can do, if you get started right and keep everlastingly at it.

"PHILADELPHIA" POULTRY

The "Jersey Brand" of dressed poultry has probably a better commercial record than poultry from any other section of the country. It stands to the front, and commands the highest prices, especially in the New England and the New York City markets. In these markets it is known as "Philadelphia poultry," although the product is not grown in Philadelphia, but principally comes from the southern part of New Jersey.

There is a reason for this popularity, and the secret in the preparation of this class of goods might profitably be observed in other sections of the United States.

Philadelphia poultry is not free range stock. This makes it more tender. Poultry allowed to roam all over the fields while growing, have hardened muscles and the meat is more or less toughened. Philadelphia poultry is raised by poultrymen who confine the stock in limited quarters, and feed such foods as will the most quickly properly fit the stock for market. Philadelphia poultry is quickly grown. The farmer's fowl at nine months of age is tougher than fowls twice the age from the yards of practical poultrymen.

The South Jersey poulterers stall-feed to a certain extent. They give only the purest of food, do not allow too much exercise, and two weeks before marketing, the stock is placed in fattening pens and thus put into a condition where the meat is soft and tender, and the carcass plump and fat. That is South Jersey's secret, and that is what made "Philadelphia poultry" famous.

It is a fact that the meat of yarded poultry has a better flavor and is more juicy, which, as a rule, is not the case with free-range stock. It is not alone the violent exercise that they receive while out on a range, but rather upon the food they secure that adds a taint to the flavor. Such articles as onions, too much grass, decayed stuff, manure piles, etc., are not calculated to improve the taste of the meat.—M. K. Boyer in Produce Review.

*** Get a copy of the corrected Standard. We supply it—send your order now ***

THE RHODE ISLAND WHITE CLUB OF AMERICA

has its second annual year book ready to mail. The Club now has 156 members representing 36 states and Canada. This book contains many items of interest to Rhode Island White breeders and each one should possess a copy. It is free to all members of the club. Non-members may obtain a copy by sending 10c to cover cost of mailing to the secretary. Or better, send \$1.00 for membership fee and dues to Nov. 1, 1913, and receive the book free. For further information and application blanks write the Secretary, Mrs. C. M. Vertress, Cecilis, Ky.

*** "The Plymouth Rocks" is the title of the most complete book ever published on the breed,—144 pages—we send it post paid for one dollar***

*** "The Orpingtons." All varieties fully described in this complete and attractive book. Seventy-five cents secures a copy ***

FOR SALE — PRIZE WINNERS
Solid Buff Rock Cocks and Cockerels, even golden color, low combs. Quality for twenty years unsurpassed. Stock and eggs reasonable.
EDGEWOOD FARM, Ballston Lake, N. Y.

==VIERHELLER'S BUFF ROCKS==

Eggs for Hatching from the Champions of the Buff Rock Club Meeting.
This is your chance to get something good.

VIERHELLER BROS.,

71 Sylvania Ave.,

PITTSBURGH, PA.

ENGLISH PENCILED (Cumberland) RUNNERS

Hatching eggs from pens in which are my Philadelphia, Madison Square Garden and Boston FIRST PRIZE and CUP WINNERS Heavy Laying Barred Rocks. They make great records in the hands of my customers.

MRS. ANDREW BROOKS,

Brookhaven Farm,

AUBURN, N. Y.

==BUFF BRAHMAS==

COLOR) They
SIZE) Possess
STYLE)
VIGOR)

The coming fowl of utility, having won prizes at Madison Square Garden, Boston, Philadelphia, Schenectady, Albany, Allentown, Poughkeepsie, Buffalo and Pittsburgh. Eggs from these prize matings \$10.00 per setting. Barred Rocks that are barred and carrying all points for exhibition and utility. Eggs \$2.00 per setting, \$10.00 per hundred.

LLOYD M. HALLENBECK,

Expert Poultry Judge,

GREENDALE, N. Y.

LITTLE'S WHITE WYANDOTTES

By their remarkable winnings for the past two years have clearly demonstrated one fact

"That They Are The Best In The South"

At five of the largest shows held in the South this season won more firsts than all competitors combined, with every class filled with the cream of the South. At the Central Palace Show, New York, won 2nd cockerel. Mating list ready.

T. L. LITTLE,

P. O. Box 534,

CAMDEN, S. C.

WHITNEY & McEWAN, Breeders of

"LORD'S BUFF WYANDOTTES"

We have purchased "the cream" of noted "Lord Buff Wyandotte" stock, including many of his winners at New York, Boston and other leading shows. We will continue the system of breeding that made Mr. Lord's birds so successful in the show room.

EGGS

EGGS

EGGS

from the same matings as we use for ourselves \$5.00 and \$10.00 per setting, Send for mating list and winnings at the Big Albany 1913 Show.

WHITNEY & McEWAN,

ALBANY, N. Y.

The Howard Sanitary Poultry House



Contains sixty-four square feet of floor space; two stories high; scratching pen on ground in first story; second story moves front and rear on rollers, allowing access to all parts; nests on rear door; roof screens removable; smooth, removable, galvanized iron drop board; water fountain swinging outside and easily replenished; litter on top floor kept in place; roof, windows and ventilation doors adjustable to all angles; wire mesh protecting openings; perfect ventilation; plenty of light; sanitary in all respects; constructed with number one lumber and of the best workmanship. Price Thirty Dollars (\$30.00) F. O. B. Hornell, N. Y. Plans Two Dollars (2.00). Send for catalog. Mail orders promptly attended to.

Manufactured by the

Howard Manufacturing Co., Hornell, N. Y.

PRIZES FOR LAYING TYPES AND BEEF TYPES OF POULTRY

Probably for the first time in the history of poultry culture in America a poultry show will this coming season offer prizes on laying types and beef types of poultry.

This highly commendable move will be made by the Great Allentown Fair Poultry Show, under the management of W. Theo. Whittman, and the prize monies that will be offered will be very large—probably double the prizes paid in regular classes.

Great and painstaking attention will be paid to the selection of the judge to pass on these new classes as his decisions will probably pave the way for what will in the future be the accepted types for laying and for killing chickens. Breed, variety or color are to cut no figure and owners of birds in the laying contest will be allowed, if they wish or can do so, to file statements showing number of eggs laid in period stated.

The winners in the beef type will be publicly killed and dressed within twenty-four hours after the awards are up so that the judge can more definitely show a good killing type of chicken. There will be two classes, one for yellow skinned and one for white skinned.

Entry fee will be same as in other classes, \$1.00 per bird. Prizes: \$3 first; \$4 second, with probably a third if the entries are as large as anticipated.

It is hoped that this competition will arouse a lot of interest and make at least a start in setting an egg type and a beef type.

Full particulars in premium list ready about July 1st, 1913. Applications can be filed already, by addressing W. Theo. Wittman, Allentown, Pa.

OCULUM

The Hancock Inoculum Co., Salem, Va., having such explicit confidence in the virtues of "Oculum" as a cure for several of the most dreaded poultry diseases, put the remedy out on a money-back guarantee. That it is doing all that is claimed for it is emphasized by the following letter:

"Pittsburgh, Pa., Feb. 6, 1913.

"Hancock Inoculum Co., Salem, Va. "Gentlemen:—We are in receipt of your favor of the 4th inst. acknowledging receipt of our order given your Mr. McNickle for fifty gross of OCULUM to be shipped at once.

"We note your remarks in regard to results expected from our territory and in reply will state that we have been handling OCULUM now for more than a year, and although we have always put it out on your 'MONEY REFUNDED IF NOT SATISFACTORY' plan, we have not been called upon to refund for a single bottle on the account of unsatisfactory results.

"On the other hand we have received so many repeat orders and unsolicited testimonials from practical poultrymen, that we are forced to the conclusion that OCULUM used accord-

ing to directions will in every instance do what you claim for it.

"With this past record plus the assistance that you are so kindly rendering us, we will miss our guess if we are not in the market for more goods within the next thirty days.

"Wishing you success and assuring you of our hearty co-operation, we are,

"Respectfully yours,
"THE I. W. SCOTT CO."

*** Every breeder of Rhode Island Reds should secure a copy of the book "The Rhode Island Reds." Gives the origin and history of the breed. Also the experiences of our most successful breeders. Seventy-five cents per copy ***

WHITE LEGHORNS

BRED-TO-LAY
Cyphers, Corning Strains

SEND FOR LIST, BABY CHICKS, EGGS, STOCK.
ARMSTRONG POULTRY FARM, "Bread and Butter Birds".

Send Stamp for HOW TO WIN \$100 with WATSON'S BRED-TO-LAY REDS

Golden Princess laid 291 eggs in year. Wm. Loynd of Mass., got 240 eggs in year from my strain. Cockerels and Eggs.

Ira P. Watson, Box G, Fredonia, N. Y.

KERLIN EVERGOLD BUFF ROCKS—20 Years in Line

We are booking egg orders from our celebrated winter laying strain. Standard shape and blue ribbon winners. Cockerels and Pullets for sale. Mating list free.

KERLIN FARM, POTTSTOWN, PA.

CAUFFMAN'S S. C. RHODE ISLAND REDS I have the goods—My winnings at Red Bank, Trenton, Inter-State Fair, Philadelphia and Allentown Pa., demonstrate the quality of my Reds. I have a few good birds for sale at moderate prices. Write me your wants.

GEO. H. CAUFFMAN, SPRING LAKE, N. J.

Breeding Stock and Hatching Eggs

From prize winners, at Baltimore, Hagerstown, Frederick, etc.—in R. C. Black and S. C. Black and Buff, White Orpingtons, Buff Plymouth Rocks, Buff Wyandottes, S. C. and R. C. Black Minorcas, Golden Campines and Silkies, Write your wants. Square Deal.

BRISH BROTHERS, 10 W. Patrick Street, FREDERICK, MD.

BLACK BUFF COCHIN BANTAMS PARTRIDGE WHITE

Our strain of Cochin Bantams have won the leading honors at

America's Greatest Shows

for years; and during the past fall and winter our birds won 91 first out of a possible 109. At Chicago, Indianapolis, Louisville, Indiana, Tennessee and Tri-State Fairs. Write for our Beautiful 1913 Mating List describing the 25 most wonderful Pens Ever mated. Remember that this is the HOME of



America's Best Cochin Bantams

and these Little Wonders are busy Producing Eggs.

WAHEBE BANTAM YARDS,

W. Besuden, Prop., Box 13, R, Cincinnati, Ohio

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 WYANDOTTES WHITE

Winners at leading shows for 14 years. Special prices on 1912 breeders. 1000 growing chicks for the fall and winter shows. Circular Free. SQUARE DEAL POULTRY FARM, MAYSVILLE, KY. Power & Cablish, Props.



MADISON SQUARE

Over 42 Prizes
Rose Comb Brown and White
Single Comb Brown and White
Leghorns
210-242-244 Egg Strains
Big eggs, big birds, White
Wyandottes finest.
Catalog.

W. W. KULP,
Box 12, POTTSTOWN, PA.

WHITE ORPINGTONS

1st and 3rd pens at Wheeling
Aldrich, Jackson Strains

WOODSFIELD, OHIO



Harter's Imperial "Golden" Buff Plymouth Rocks

SET THE SEAL OF CHAMPIONSHIP

At the imperial show of all America, Madison Square Garden, winning 1st, 2nd and 4th hen; 1st, 2nd and 5th pullet; 2nd cockerel; 5th cock; 2nd and 3rd pen and gold special for best display. At the American Buff Rock meeting held in Boston, January, 1912, 1st, 2nd and 3rd hen; 1st pullet; 6th cock; 4th pen; special for best colored female and special for best shaped female, in a class of 37 hens, 48 pullets. Let us supply your wants, either winners or breeders. Our prices are reasonable. Send for mating list. It describes our 1913 breeding yards, the finest we ever owned. Eggs from the same pens we use for ourselves—\$5 and \$10 per setting.

NESCOPECK POULTRY FARM, S. H. Harter, Prop., NESCOPECK, PA.



FIRST PRIZE COCK'R'L BOSTON 1912.
Bred And Owned By
J. F. VANALSTYNE NIVERVILLE N.Y.

One of the best of the advance type of the so-called open centered Silver Laced Wyandotte males is the bird illustrated above. Although this cockerel is somewhat high on legs and lacks depth and breadth of body, he is a beauty in top color and lacing, the breast-bars showing large oval white centers with narrow black lacing in the feathers. Hackle and saddle feathers also show well defined silvery and black color markings.

INDIAN RUNNER DUCK STANDARDS

Editor American Poultry World:

To say that I was amused at the advice given the American Poultry Association in your January issue by a correspondent, is to put it mildly. The dear old Association (I chance to be a member) will indeed be in a bad way, if, in addition to the error it made in adopting the discarded early English Standard, it shall now follow your adviser and adopt the Standard which the English breeders are about to discard, but which some few interested breeders in this country have thought worth taking without the formality of asking; in other words, "spiriting" it. It is, of course, of great value to all the breeders of the country to have a man like your correspondent tell them, well in advance, just what the English Runner Club and its Secretary, Mr. Walton, are likely to do in the matter of a Standard. As to the rest, I have it from undoubted authority that the next importation of the Secretary of the other club here will be Fairy Fawns. I also learn from Mr. Sampson's latest article in the poultry press, that he has not yet learned what the Fairy Fawns are. He says so directly, therefore the public must believe it. As to some other statements in your columns, I will say a word because I know you do not wish to give out false statements as matter of fact.

If Mr. Walton "got", whatever that may mean, the officers of the Cumberland Club to "push the Fairy Fawn variety", Mr. Fraser must be cogni-

zant of the fact through some special psychological sense, because it is not known to myself, to Mrs. Brooks, nor to Mr. Vanderbilt, and we are all the officers of the Cumberland Club there are. What the officers of the Cumberland Club did do was to insert in the Club Prospectus, this brief statement: "The Club recognizes the value of the recent 'new native blood' introductions from India, beginning to be known as 'Fairy Fawn' stock, but as a Club it must withhold full recognition from this stock until it shall have proved itself at least one year in America as white egg producers." This, and this only, is the "red rag." To make the matter so clear that even the wayfarer should not err, the following was added: "This is because there is some green-egg blood back of it. Members who breed it are forbidden to sell eggs from this stock without fully acquainting the customer with its breeding." This repudiation of the Fairy Fawn stock (by the Club) till it shall prove itself, is the action which your correspondent's faulty mental sight reports to him as "pushing" the Fairy Fawn stock. If this be "pushing", Mr. Fraser and one or two other good psychological sub-

jects have done fifty times as much pushing of Fairy Fawns as has the Cumberland Club; for every letter and article from their pens for the last four months has bristled with similar mention of this stock and its green egg blood! Now, the Fairy Fawns are bred in Tennessee, Pennsylvania, Texas, the mid-west and Canada, to my personal knowledge, by people not members of the Cumberland Club. They were shown in New York twice by a member of the English Indian Runner Club of America, from whom its president can find out about Fairy Fawn if he so desires.

Last week, a Canadian Runner expert visited the yards of a breeder in "the states". The expert was "agin" the "Fairy Fawns". He has shown a picture which he pronounced "a perfect Runner head." Lo! it was of a Fairy-Fawn-Cumberland bird; seven-eighths pure Cumberland blood, and one-eighth Fairy Fawn. Don't you suppose the perhaps twenty-five generations of white-egg blood before that combination of blood, and the four generations since (in the 1913 stock) will have some influence on that green egg? And we want good type, because it means good laying.

The case may be stated in a nut-

BUCKEYE \$8
Guaranteed to hatch every hatchable egg. Over 325,000 in use. Send for Catalogue and dealer where you can see one and how it works.
The Buckeye Incubator Co.
527 Euclid Avenue Springfield, Ohio.

Queen
You Save \$10 to \$12 on the high class Queen incubator. No better at any price. Hatching conditions right; gets most chicks, strongest, healthiest. Free Poultry Guide and Catalog gives 28 points of excellence. Quick deliveries to extreme East and West. Sold on money-back guarantee.
Queen Inc. Co. Box 31, Lincoln, Neb.
Pratt Food Co., East'n Dist'r, Philadelphia, Pa.

Howland's Buff Wyandottes

Win at Madison Square Garden, 1911, 1-3-4 cock, 1-2-4 hen, 2 cockerel, 4-5 pullet, 1 pen, winning champion cup and display. 1912-13 on 4 entries won 1 cock, 2-5 hen. Eggs from 4 choicest pens \$5.00 per 15 eggs. Satisfaction guaranteed.

STUART A. HOWLAND,

GRANVILLE, N. Y.



A GOOD TRAP NEST

Made in a few minutes from a common box, very simple and reliable. Send for complete printed and illustrated instructions for making your own trap nest. Warm water fountains, automatic feed hoppers, poultry houses, etc. Price list of our wonderful strain of Winter egg producing Barred Rocks free.

Stirdivant Farms,

Sheboygan Falls,

Wisconsin

AGAIN VICTORS

Scranton's S. C. Rhode Island Reds

At Louisville, Ky., against the best Reds of the South, won 1, 2, 3, 4, 5 cockerel; 2, 3, 4, 5 cock; 2, 5 hen; 2, 4, 5 pullet; 1, 2 old pen; 1, 3 young pen. \$75.00 Cup for best display in show—114 points.

Remember they made the Greatest Win at Chicago last season that has ever been made in that show by one breeder of Reds—5 first prizes and all specials, besides many minor prizes.

At Hagerstown, Md., in October they also made a remarkable record. These with their unequalled records of past years stamps them as the leading strain of Reds of the present day.

Why do they win? Because they have been carefully line bred for years and have established blood lines that will reproduce.

My matings this season are better than ever before. If you want to know more about them send for a catalogue of matings today. It will be mailed free.

B. H. SCRANTON,

RISING SUN, IND.

shell, in this way. Every member of the Cumberland Club still has his original Cumberland White-egg stock as pure as it ever was. It still lays lovely, big, white eggs and lots of them. (A Texas breeder reports 30



Moore Bros., Box W, Moscow, N. Y., have been gradually building up a flock of high-grade S. C. White Leghorns that are not only prolific layers but have established a record at our leading shows that puts them near the front as an exhibition strain.

at several of the leading shows of the south, including Tennessee, Louisiana and Alabama State Fairs. Turn to the above mentioned page and carefully read the complete record. It's convincing. Then write your wants in either variety. They have stock, eggs or baby chicks for disposal.

A GOOD TRAP NEST

To learn how to construct a good trap nest in a few minutes from a common box, readers of this journal should write Stirdivant Farms, Sheboygan Falls, Wis. Mr. Stirdivant's announcement may be found on page 562, and he offers the information for the small sum of 10c. He also breeds a heavy laying strain of Barred Rocks and would be pleased to hear from readers who desire to improve the production of their flocks. Write him and mention A. P. W.

S. C. BUFF LEGHORNS

The S. C. Buff Leghorns are rapidly gaining popularity and deservedly so, as they not only combine all that is desirable as an exhibition fowl, but are great producers of white eggs and make fine broilers. Springside Poultry Farm, J. W. & J. Edw. McNeil, Props., Box B, Canaan, N. Y., make a specialty of this variety and are now booking orders for eggs and baby chicks.

PRATT'S PROGRESSIVE STRAIN WHITE ROCKS, WHITE WYANDOTTES

Yearly winners at Madison Square Garden, N. Y., Boston and Great Brockton Fair, where we won Gold Special for 3 successive years. Our first prize Boston 1913 cockerel, in the strongest class of White Rocks ever shown at Boston was proclaimed the Best White Rock of the season. Splendid cockerels and pullets for sale at living prices. Eggs from the choicest of exhibition matings \$5 per 15. Address

C. W. PRATT,

N. ABBINGTON, MASS.

Wyandottes, All Varieties

Buy your Wyandottes from a specialist, one who has made them a study for years. *Golden, Silver, Partridge, Silver Penciled, Buff, Black and White.* Eighteen prizes including 13 firsts on 20 entries at last Allentown Fair, proves their quality. Stock or eggs at all times at reasonable prices. Also *White Muscovy Ducks.* SILVER BROOK POULTRY FARM, H. E. Lapp, Prop., Route 6, W, ALLENTOWN, PA.

ALT'S S. C. REDS

The records established by my birds at the International Show, Buffalo, N. Y., for the past three years has made them *International Champions.* In competition with leading breeders of the United States and Canada they have always been successful. At the *International Show, 1913,* they won 1. 2 pen. 1 hen. 1 cockerel, 1. 3 pullet, 4 cock. My first prize cockerel was "the sensation" of the show and was pronounced by experts to be one of the best Rhode Island Reds ever shown in America. I refused \$300.00 offered by a prominent breeder for him. My birds have won 1 pen and 1 cockerel at "The International" three years in succession. My Matings are the "best ever." Am booking egg orders at prices that will please you—considering high quality of stock. Eggs from two best matings, \$15 for 15; \$25 for 30 Eggs. Send for mating list.

HENRY W. ALT,

87 Fuller Street,

BUFFALO, N. Y.



ONLYA FARM WHITE WYANDOTTES

High Quality Day Old Chicks and Eggs from twenty carefully mated pens which contain our many winners at such shows as Madison Square Garden, Grand Central Palace, Boston, Allentown, Augusta, Chicago, etc. Our birds having won at these shows many firsts and specials in the hottest kind of competition. Every bird shown, as well as every bird in our breeding pens has been raised by us on our farm and banded with our *sear-less leg band.* Chicks \$1.00, 50c, 30c each. Eggs \$10, \$5 and \$3 per 15. Breeding and show birds for sale. Cockerels and pullets \$2 and up. *Write for mating list.*

CHAS. STAAFF, Mgr.,

FLORHAM PARK, N. J.

in December from a young duck of this blood). The only thing that has been done is to try out the stock of one-eighth Fairy Fawn blood in some yards. Every fancier tinkers with his stock all the time and every one of you know it! Our crime lies in the fact that we have let the poor public know just what it will buy when it deals with us. If it asks for Cumberland stock it gets it. It can not be sure of getting it anywhere else in this country. And that's the fact. Why? Because of the tinkers.

C. S. Valentine,

Pres. Cumberland White Egg Indian Runner Club.

SANDS' S. C. WHITE LEGHORNS

The popularity of the White Leghorns is demonstrated by the extremely large classes at all poultry exhibitions, both large and small. Their popularity, to a large extent, is due to their productive ability as well as their standard qualities. These point of merit have led scores of poultrymen to take up the breed, many for fancy alone, others for their utility values, and others for a combination of both. Among the latter we wish to mention LeRoy Sands, Box W, Hawley, Pa. Mr. Sands began breeding Leghorns several years ago and was successful from the start. His strain while possessing standard requirements to a high degree are also noted as exceptional egg producers. How he has made a success of the poultry business is told on page 493.

KENMORE POULTRY FARM

Kenmore Poultry Farm, Maxey Lane and Gallatin Pike, Nashville, Tenn., have an interesting announcement on page 565. This farm specializes in S. C. Buff Orpingtons and S. C. Black Minorcas, and to prove that they have the quality in either variety we call attention to their show record

Build Own Incubator Easy
My big Free Book of Plans and Instructions makes all simple as A B C. Shows how to patent Lamps, Regulators, Thermostats, Tanks, Egg Trays etc. Save money and worry. Thousands enthusiastic. Write now for big Free Book. H. M. Sheer, Dept. 8 - Quincy, Ill.

CHICKEN PROFITS BOOK FREE
Tells how to get bigger poultry profits. Sent free. Tells about Triumph Incubators and Brooders. Simplest, surest money makers—Neubert's master piece after 10 years experience. Easy to operate—low priced—guaranteed. Write postpaid now.
R. F. Neubert, Box 762 Mankato, Minn.

POTTER PORTABLE FRESH AIR NO YARD SANITARY \$22-POULTRY HOUSE

This House—7 feet high, 6 feet wide, 8 feet deep—a fine one for 25 hens. Just right for the backyard or vacant lot. Hens will lay the year "round" in a Potter fresh-air house. High-grade material and workmanship guaranteed. Made of inch red cypress flooring; painted two coats, complete with Potter V. E. roosts, dropboard, nests, feedhopper, fountain, etc. You could not build this house for \$25.00. Buy our factory made houses and save money. 2 Big Catalogues (132 pages and over 150 illustrations) showing Potter Portable Houses, coops, hoppers, roosting and nesting fixtures in all styles and sizes. You need Potter goods. They are made right and sell at right prices. Our catalogue mailed for two red stamps to cover postage. Write today. Potter & Co., Box E 16, Downers Grove, Ill.

INTERNATIONAL CHAMPIONS

Henry W. Alt, 87 Fuller St., Buffalo, N. Y., breeder of Single Comb Rhode Island Reds, believes that his birds are entitled to be called "International Champions." The claim to this title is based upon the record made at the Buffalo show during the last three years. At these three exhibitions he has met breeders from both sides of the border and has been successful in carrying away the more important prizes, including best display, best bird in show, etc., etc.

At the recent Buffalo Show he was awarded 1-2 pen, 1 hen, 1 cockerel, 1-3 pullet, 4 cock, in a class where all honors were closely contested.

His first prize cockerel was a "sensation" and many a longing glance was cast toward his pen by visiting Rhode Island Red breeders, and it is stated that Mr. Alt refused an offer of \$300 from a prominent breeder of the middle west.

Jno. E. Houck, a well-known business man of Buffalo, N. Y., who has been interested in Rhode Island Reds for some time, recently became associated with Mr. Alt. Mr. Houck owns a large farm at Black Creek, Ont., Canada, and the greater share of the breeding operations will be carried on there and all stock, both old and young, will have the benefit of generous range. The farm is said to be well suited for poultry raising, and as it contains over 400 acres there will be plenty of range. With these two earnest fanciers working together and with the facilities and stock at their disposal they should make quite a sensation in Red circles at next season's shows.

The business address of the firm will remain 87 Fuller St., and all interested in better Reds should write Mr. Alt at that address and mention AMERICAN POULTRY WORLD.

BABY CHICKS OF QUALITY

R. C. Caldwell of Lyndon, Ohio, has built up a large trade in White Plymouth Rock baby chicks, due to the fact that he sends out only the best grade of stock, which justifies him in adopting the trade-mark "Baby Chicks of Quality". Mr. Caldwell's poultry farm is located near Lyndon, Ross County, Ohio, and has unsurpassed natural drainage, which gives him yards that are dry and in good condition the year round. The stock has ample range, an absolute necessity where healthy, vigorous birds are desired and strongly fertilized eggs are produced. This is one reason why Caldwell's White Plymouth Rock Baby Chicks and eggs for hatching have proven so eminently satisfactory. Mr. Caldwell uses a 6,000 egg Cyphers Mammoth Incubator, which is heated by coal, the heater pit being placed outside of the hatching room proper. By eliminating entirely all lamps in the incubator room the greatest menace to artificial incubation has been removed, and as Mr. Caldwell remarks, "I believe that it will be a very decided advantage to my customers to have chicks hatched in a machine that is properly ventilated and run with perfectly even temperature, and has no noxious oil fumes. All of these things help to give chicks that are stronger in vitality than those hatched under other conditions. So our chicks produced from well kept breeding stock of purest Fishel blood, and hatched under such favorable conditions can not be anything but "Baby Chicks of Quality."

Readers of AMERICAN POULTRY

WORLD can obtain Mr. Caldwell's handsome new catalog free by mentioning this paper when addressing R. C. Caldwell, Lyndon, Ross Co, Ohio.

ALL SIGNS POINT TO SARATOGA SPRINGS

A poultry association was recently formed at Saratoga Springs, N. Y., the officers of which are W. H. Manning, president; H. A. Eddy, treasurer, and J. H. Eddy, Secretary. The association will hold a show Dec. 2-6, 1913, at which liberal cash and special prizes will be hung up, many silver cups having already been donated. They are also offering special inducements to all specialty clubs who decide to hold their annual meet with them.

A corp of prominent poultry lecturers will lecture during the year, taking up both fancy and utility topics for consideration.

That this association is bound to make a success of anything it undertakes is evidenced by the number and enthusiasm of its members, some of whom are the most prominent breeders of this country in their various breeds, as is easily shown by glancing over the catalogues of any of our large eastern shows.

The secretary will cheerfully answer any enquiries addressed to him, care of the Saratoga Co. Poultry and Pet Stock Association, Saratoga Springs, N. Y.

OVERLOOK POULTRY FARM

Overlook Poultry Farm, located at Whitney's Point, N. Y., is one of the several noted White Leghorn Farms of the Empire State, where this popular variety is bred to a high state of perfection for both exhibition and utilitarian qualities. E. C. Landers, the proprietor, in May, 1911, bought all of the young Single Comb White Leghorns from the Pine Top Poultry Farm, a large number of which were crossed with his own best stock, mated and bred under Mr. Landers' personal supervision. Overlook Poultry Farm comprises forty acres of rich gravel bottom soil which can not be excelled for poultry raising. All buildings and yards are equipped with fresh running water, furnished from never failing springs and sanitary conditions exist throughout the plant. Eight very choice pens have been mated up for this season from which eggs for hatching will be sold at reasonable prices. Considering the high grade of the breeding stock, special reduced prices on day-old chicks will be made on all orders received during April and May.

McKEE'S WHITE ORPINGTON YARDS OF WATERTOWN, TENN., Route 1
are giving away \$150 in gold to customers. Write for particulars. We can improve your flock Catalog.

Bred-to-Win PHELPS' WHITE ROCKS
Bred-to-Lay ROCKS
Prices right. Write your wants. Your money's worth or your money back.
FRED J. PHELPS, BUCYRUS, OHIO

COLUMBIAN WYANDOTTE EGGS

If you want some eggs from the leader in Columbian Wyandottes send me your order. Price 15 eggs for \$5, 30 eggs for \$9, 45 eggs for \$12.

Madison Square Garden Leaders For Years.

D. LINCOLN ORR, Box 2, ORRS MILLS, N. Y.

ANDERSON'S ROSE COMB R. I. REDS

Have won at Madison Square Garden whenever exhibited. I have furnished winners for Boston, Hagerstown, Cleveland, Buffalo, Chicago, St. Louis, Pittsburgh and many other big shows. I breed my winners and I can furnish you a male that will win at your show for \$5 to \$10. Elegant females \$2 to \$5. My young flock is the largest and best I ever raised. I can furnish winners for any show.

ANNESLEY M. ANDERSON,

MORTON, PA

SILVER CAMPINES

They win for us. Our strain will win for you. We won at Cleveland, 1912, all firsts. At Cleveland, 1913, 1st cock; 2nd, 3rd and 4th cockerel; 1st, 3rd and 5th pullet, 2nd pen and Silver Cup for best display. Eggs \$5.00, \$10.00 and \$15.00 per setting of 15.

HOPKINS & WERNICKE,

BEREA, OHIO



Mrs. L. C. Prideaux
Lindfield, Sussex, England,
Breeder, Exhibitor and Exporter
of Yokohamas
and Yokohama Bantams

1st, Club Medals, and Poultry Club Medal, Dairy, Palace and Birmingham 1912, President of Yokohama Club. 1910-11-12. Birds always for sale, Sittings in season.

All Colors - All Varieties

AN EASY WAY TO GET RID OF LICE

When Prof. Lambert of the Rhode Island Agricultural College began his experiments to find a dependable method of destroying poultry lice, he undertook a work that has meant a great deal to all poultry keepers. It has been nearly 30 years since he succeeded in finding the best weapon for destroying these pests and now there is hardly a poultryman in America who has not used or heard of Lambert's "Death-to-Lice."

It is the old reliable standby that never fails and does not injure hens, eggs, chicks or soil plumage. The preparation is put up in various sized packages, selling for as low as 10c and up to \$1.00. Surely no poultryman can afford to put up with these profit-eating pests when they can be cleaned out so completely and easily by this splendid preparation.

Lambert's "Death-to-Lice" is sold by most dealers, but if yours does not carry it you can obtain it direct from the O. K. Stock Food Co., 507 Traders Bldg., Chicago, Ill. The advertisements of this company appears on page 547.

MIDLOTHIAN CHAMPIONS

Midlothian Farms, Jno. G. Poorman, Manager, Tinley Park, Ill., have a large number of champions from the First National Egg Laying Contest in their pens. Included in the number is "Lady Show You", the hen that made the remarkable record of 281 eggs in one year, probably the highest official record ever made. The champion pen of the contest, the R. C. Rhode Island Reds with a record of 1042 eggs for the year; champion White Orpington hen with a record of 232 eggs; champion S. C. Rhode Island Red hen credited with 236 eggs; champion R. C. Rhode Island Red hen with a record of 255 eggs; champion Barred Rock Pen with a record of 967 eggs. This is a great array of championship quality and those who place orders for eggs or chicks with Midlothian Farm should secure stock that will give a good account of themselves as layers. Besides the above varieties, Buff Orpingtons, White Wyandottes and S. C. White Leghorns of the same quality are bred. When writing mention A. P. W.

RED OAK REDS

The poultry yards of George W. Little are located at Braintree, Mass., which is a hot bed of Reds, and Mr. Little says a good many of the hottest are in his breeding yards. His Rose Comb Rhode Island Reds are all pure I. W. Bean strain and have been bred from one of the best sons of Mr. Bean's famous \$1,000 bird, Sensation,

1st New York and Boston, 1909-10, and 1st cock, New York, 1910-11. Mr. Little captured the blue ribbon at Boston, 1913, with a superbly bred cockerel which he has named "Supreme." This grand Rose Comb Red male heads pen No. 2 and is mated to his dam that won first at Boston as a pullet in 1912, and four hens the best of 1912 breeding; also four of the choicest, early pullets. But the mating list for 1913 tells plainly and

convincingly all about the fine males and females being bred this season by Geo. W. Little, 29 Mt. Vernon St., Braintree, Mass.

* * * Properly constructed poultry houses are essential to success. Learn how to build them by purchasing a copy, "Poultry Houses and Fixtures." Fifty cents post paid * * *

Plymouth Rocks Only

JOS. KORTLANDER,

My Rocks won at Grand Central Palace, N. Y., Mineola and Hempstead, L. I. Won this season 2 silver cups and 9 ribbons. Some fine cockerels for sale, \$3.00 and up. Eggs for hatching a specialty. Send for mating list.

GREAT NECK, L. I.

SINGLE COMB RHODE ISLAND REDS

Winners of State Cup, Cup for the best cockerel in show and Grand Sweepstakes Cup for best bird in whole show all breeds and varieties competing. At the Big Philadelphia Show just held, President Hicks, Judge, our winnings—1 cockerel, 1 hen, 2-3 pullet, 1st pen. 1st cockerels winning all specials. 200 fine birds for sale. Address

SCHENLEY HEIGHTS POULTRY YARDS,

1202 Commonwealth Bldg., PITTSBURGH, PA.

The Fowl Beautiful

S. C. BUFF LEGHORNS

The Money Maker

Our strain weighs about 5 lbs. and lays large white eggs in the Winter time when eggs are high. We always take our share of the Ribbons where we show. You can do the same. Have been breeding them 10 years. Eggs from Exhibition Matings \$3.00 and \$5.00 per 15. From superior Utility Matings—pens headed by prize winning male birds, \$2.00 per setting. Baby Chicks \$17.00 per 10. Range Pens—Eggs \$8.00 per 100; Baby Chicks \$13.00 per 100. Exhibition chicks a matter of correspondence. A few Dandy Cockerels left. Send for our new circular and price list.

SPRINGSIDE POULTRY FARM,

J. W. & J. EDW. MCNEIL,

Box B,

CANAAN, N. Y.

BANTAMS

PIGEONS

MODERN GAMES
SEBRIGHTS
ROSE COMBS
JAPANESE
COCHINS
BRAHMAS
BOOTED
SILKIES
FRIZZLES
POLISH, ETC.

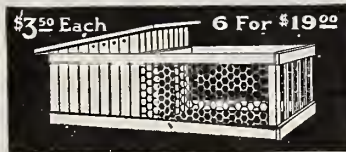
NONNAC FARMS

It makes no difference what you want we can supply you with superior stock at a lower price as we are breeding over 1,000 birds in 1913.

Dr. Hadley T. Cannon, Prop., Binghamton, N. Y.

Eggs, Stock and Exhibition Birds for sale in season.

FANTAILS
MAGPIES
JACOBINS
SWALLOWS
TUMBLERS
HOMERS
DRAGONS
CARNEAUX
POUTERS
OWLS, ETC.



SANITARY brood coop for hen, and square with 3-foot covered wire runway; made of red cypress; painted two coats. A fine setting and brood coop at low cost. Order 6 and save freight.

FREIGHT PAID
on orders for
SIX OR MORE
East of Rockies.



SANITARY colony roosting coop for 50 growing chicks. 3x6 feet, 3 feet high; vermin proof. Fresh air front. Complete with 2 perches and floor. Made of red cypress. Worth \$1 more. Try 6 and be satisfied.

Before You Build or Buy

Get Our Big New Catalog — See How Much You Save by buying Potters Portable Factory-made Fresh-air Houses; coops, feed hoppers, fountains, vermin proof roosting and nesting fixtures, etc.—ever yours for poultry owners. highest grade and cheaper than you can make at home.

Ten Years' Experience
Houses made of matched Red Cypress flooring. Painted 2 coats. Every house set up and fitted perfectly at our factory. Shipped to you in convenient sections. Price for 25-Hen House complete with roosting and nesting fixtures, \$22. Twenty other sizes and styles to select from. Lowest prices. Book full of good ideas for poultry keepers. Mailed for 2 Red Stamps. Write today.

Potter & Company, Box F16, Downers Grove, Ill.

GET POTTER'S CATALOG
SAVE MONEY ON HOUSES AND FIXTURES

Now as the hatching season is beginning and you surely want to buy the best stock that you can get for the money, we will quote you a few of our winnings in four state fairs in competition with the large Eastern breeders.

IN THE S. C. BUFF ORPINGTON CLASS

At the Nashville State Fair we won 1st hen, 2nd cock, 2nd pullet, 3rd and 4th cockerel, 3rd and 5th pen, 5th cock. Also a special premium on the hen for being the best hen in the fair. At the Alabama State Fair we won 1st cockerel, 2nd cock, 2nd hen and 2nd pullet. At the Mississippi State Fair, one of the largest ever held in Jackson, 1st cock, 1st hen, 1st and 3rd cockerel. At the Louisiana State Fair we won 2nd cock, 3rd hen, 3rd cockerel. We have the nicest lot of S. C. Black Orpingtons which were not exhibited this year.

IN THE S. C. BLACK MINORCA CLASS

At the Alabama State Fair we won 1st, 2nd and 4th cockerel, 1st, 2nd, 3rd, 4th and 5th pullet, 1st and 2nd cock, 2nd, 3rd and 4th hen, 1st and 2nd pen. Also a premium for best display of Asiatics. At the Mississippi State Fair we won 1st, 2nd and 3rd cockerel, 2nd and 4th pullet, 2nd, 3rd, 4th, 5th pen. At Louisiana State Fair, 1st and 2nd cock, 1st, 2nd and 3rd cockerel, 1st, 2nd, 4th and 5th pullet, 1st, 2nd, 1st and 2nd pen. This should be evidence that we have stock or eggs that you are looking for. We have the largest and best equipped poultry farm in the South. You do not have to go East for eggs for hatching season, taking chances on the climate when you can get them just as good for possibly less money. All our stock are free range. They are up to the Standard in weight, type and color. Correspondence solicited. Day Old Chicks only when ordered.

KENMORE POULTRY FARM,

Maxey Lane and Gallatin Pike NASHVILLE, TENN.

WHITE BIRCH POULTRY FARM

White Birch Poultry Farm catalogue and mating list for 1913 is a most interesting booklet, the cover design suggesting the name of the farm most strikingly. The specialties described are the S. C. and R. C. Rhode Island Reds, Rouen Ducks and Embden Geese. Manager Withington states that he has listed this year the strongest matings that the White Birch Farm ever owned. Type has been one of the chief considerations in breeding the above breeds and the excellent record made by White Birch Farm at such great shows as New York, Boston and the Brockton Fair proves that their line of blood places them in a position where they can furnish their customers stock, or eggs which they know has the breeding back of it to produce birds of merit. This excellent catalogue will be mailed free to readers of AMERICAN POULTRY WORLD who will send their names and addresses to White Birch Poultry Farm, Bridgewater, Mass.

LINFIELD BUFF ROCKS

Linfield Buff Rocks are so well known that a description here is unnecessary. John W. Poley, Box W, Linfield, Pa., originator and breeder of this strain, advises that he has several head of choice breeding stock, both male and females, for disposal at bargain prices. These birds must be moved at once to make room for young stock, hatching operations having already started.

Mr. Poley has done an extra amount of culling this season and his breeding pens consist of a few of his very

select birds. The stock offered for sale was first reserved for breeding purposes and is strictly high grade, but owing to a change in plans, it is found necessary to dispose of these extra birds at once. Here is a rare opportunity to secure fine foundation stock to establish a flock of one of the best strains in existence. Write at once and mention A. P. W.

HORACE L. WILCOX

The catalogue and mating list for 1913 issued by Horace L. Wilcox, Middletown, Conn., this spring is devoted to Mr. Wilcox's favorites, the White Wyandottes, a clear and accurate description of his exhibition and utility matings being given. Mr. Wilcox states that he is in a better position than ever before to supply his customers with eggs for hatching, baby chicks, exhibition and breeding stock of the highest quality. Having made only one show last season, his birds are not tired out from continual showing. He has eight matings this year of the best stock he has ever had. The pens are large and well ventilated so that the fertility of the eggs should be excellent. Eggs will be sold from all pens with no reservations.

PARSONS' MATING LIST

Parsons' Poultry Plant send out a very neat mating list for 1913, in which the winnings and matings of their fine strains of White Orpingtons and Rose Comb Rhode Island Reds are given in a clear and straight forward manner. The pens mated up

are few, but very choice, even the utility yard containing some of the best birds on the farm. All eggs are guaranteed to be strictly fresh and from the pens selected—none withheld and none substituted—and particular care is taken before shipping. Infertile eggs will be replaced free of charge and extra ones added to defray expense. This little booklet can be had free by addressing Mrs. D. E. Parsons, Avon Lake, Ohio.

ROBERT D. CLEMANS' CIRCULAR

Robert D. Clemans, Mechanicsburg, Ohio, issues a compact and interesting little circular describing his Silver Campines, which have been bred from stock obtained from the best breeders in England and America. Mr. Clemans will sell a limited number of eggs from his 1913 matings, being the same as he is breeding from, at prices within the reach of all. Campine breeders will find Mr. Clemans' folder instructive and interesting in its description of the Campine fowl. Free to readers of AMERICAN POULTRY WORLD.

IMPORTANT WHITE ORPINGTON SALE

August D. Arnold, Dillsburg, Pa., advises that on February 26, 1913, he sold to Frank W. York, Portland, Maine, the two White Orpington males, "Snow Drift, Jr.," and "Snow King". Mr. Arnold states that these males are positively "stay white" and are the best two White Orpingtons he ever owned.



GOLD AND SILVER CAMPINES



Throughout the entire world no breed or variety is attracting the attention and is in such demand as the Campine Fowl. This wonderful breed of Belgium of which there are two varieties Silver and Golden is the egg producing breed of that country, where it is called "the everlasting layer".

Since the Campine has been introduced into America and its wonderful qualities as a producer of large eggs and its prolific laying performances have become known, the supply of Campines has been far short of the demand.

My original stock was obtained from the Rev. E. Lewis Jones of England. I obtained the birds in his exhibit at Madison Square Garden Show of 1911. The string included numerous winners at England's most noted shows including Crystal Palace, the Dairy Show, Manchester, etc.

During the season of 1912-13 I exhibited at Allentown, Hagerstown, Grand Central Palace, Philadelphia, Madison Square Garden and Boston, and won Forty (40) out of a possible Forty-nine (49) First Prizes. This splendid record in strong competition in large classes with the best birds that could be obtained in England, Belgium and America clinches the claim that my birds are

CHAMPIONS OF CHAMPIONS

I want to place a copy of my twenty page mating list in the hands of every person that is interested in either variety of Campines. It contains a description of The Finest Campine Matings in America, numerous illustrations of my prize winners and is an interesting booklet. It will be sent free on request.




MANHATTAN FARMS

Geo. E. Noeth Brighton N.Y.

FEEDING FOR EGG PRODUCTION

W. G. Krum, poultry lecturer at Cornell University, in speaking on "Feeding for Egg Production" at the recent "Farmers' Week" at Cornell, said that the hen is an egg machine, and if the machinery is to be kept free from clogging and there are to be no wastes the poultryman must not feed waste food. "The ideal ration," he said, "is to give such feed as will contain one part protein to four and six-tenths parts fat, together with enough moisture to lubricate the machinery. A successful poultryman down East, when asked what he fed to get eggs, said, 'One pail mixed feed to nine pails common sense.' A hen to lay well needs concentrated food. This avoids all waste of energy and the hen devotes her energies toward egg production. Mineral matter should play a large part in the rations, as the egg shell is 94 per cent. carbonate of lime.

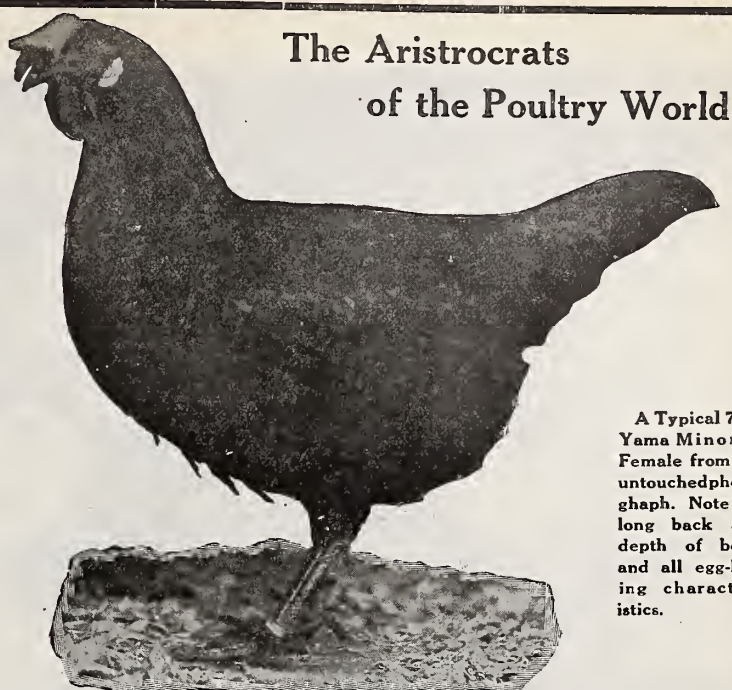
"The hen has no sense of smell and very little of taste. She is a creature of habit, as is shown when her food is changed. One man fed bright yellow corn that the birds liked; one day he ran out of yellow corn and bought some red corn. Those hens would not touch the red corn until almost starved to it. One may feed wheat, then for a month or so not give any; when it is supplied again the hens avoid it until in their greed they try it and find that it is an accustomed food.

"Hens need variety in their feed. Too much grain is fed; so much is often given that the bird is unable to grind it all and she voids part of it entirely undigested. The birds should go to roost with full crops—but at least once each day they should have empty crops, otherwise they may clog. The morning is the best time to let the crops become empty, and then give only a light feed before noon, at which time the hoppers should be opened so that the birds may get at the dry mash. A good time to give green food is at noon.

"Forty pullets fed dry mash showed a profit of \$28.61, while another flock of forty fed wet mash showed a profit of \$21.25, and the chicks that came from the first flock were stronger and brighter, as no trouble was had with digestion. With wet mash the digestion was more or less out of order and the chicks suffered. Another lot of forty were fed whole grain, hand scattered, and they showed a net profit of \$19.96, while a hopper fed flock of forty showed a profit of \$15.35. One-third the ration should be ground, and when the birds eat one part dry mash to two parts of grain there will be no digestive troubles or energy wasted.

"Water is very important, as there is a pint of water in every dozen eggs made and the water must come directly as drink or from food eaten. Green food is chiefly valuable for the water contained in forms that do more good than water taken directly as such, though both are needed. It is well to have the water fountains as far from the mash hoppers as possible, for there will be a continual parade from the mash hoppers to the water fountains and back, and in this way the birds get additional exercise. A cow can eat, lay down and do 25 per cent. better, but a hen does better if she gets plenty of exercise. Skim milk is very valuable in getting egg production."

*** Do you know how to treat your fowls when sick? Send twenty-five cents for a copy of "Reliable Poultry Remedies." It tells you how ***



The Aristocrats
of the Poultry World

A Typical 7-lb. Yama Minorca Female from an untouched photograph. Note the long back and depth of body and all egg-laying characteristics.

YAMA SINGLE COMB BLACK MINORCAS

We believe there have never been put together 12 better pens of Minorcas. Every one is headed by prize-winning males—and one of the best judges of Minorcas wrote us on February 17th, "I would like to show six of your Minorca cocks against any six in the country."

Of the 51 cockerels and pullets we have exhibited this Winter at four shows, 42 were placed and every one was bred at Yama Farms.

Eggs for hatching from these pens, \$10 a setting.

Utility Minorca eggs for setting, from brothers and sisters of these selected pens, \$3 a setting, \$15 a hundred.

At Madison Square Garden, N. Y., December 30th to January 4th, 1913, Yama Farms won on S. C. Black Minorcas, first, third and fifth cocks; first, fourth and fifth cockerels; first, fourth and fifth pullets; third hen; first and fourth pens, four firsts out of a possible five.

At the last Madison Square Garden Show, we had more Barred Plymouth Rock Hens placed than any other breeder. There is no better pullet-mating line than we have today and our cockerel matings are headed by such great birds as "Cock Robin," the first cockerel and Championship Male at Buffalo, January, 1913.

See from our catalogue and show records the kind of Barred Rocks we are breeding. We know the full pedigree of every bird in our pens and have given much care and attention to these matings.

Eggs for hatching from Pens No. 16 to No. 22, \$10 a setting as they run. Eggs \$1 each if all from one pen.

Utility Barred Rock eggs \$3 a setting, \$15 a hundred.

Send for our catalogue illustrated from untouched photographs, also our 1913 mating list.

YAMA FARMS

Napanoch,

Ulster County, N. Y.

NEWTON COSH, Manager Poultry Dept.



WINNERS OF ALL REGULAR SPECIAL PRIZES ON S. C. WHITE LEGHORN COCKS, MADISON SQUARE GARDEN, DEC. 1911. BRED & OWNED BY D. W. YOUNG, MONROE, N. Y.

In writing of the above group of S. C. White Leghorn males, F. L. Sewell states: Those who have been interested for the past ten years in standard utility White Leghorns that are bred to the highest possible ideal show qualities, as well as have watched with increasing interest the convincing records established by the wonderful type of S. C. White Leghorns produced by D. W. Young of Monroe, N. Y. Ten years among Madison Square Garden's top notchers is certainly a convincing test. Mr. Young's birds did not take the lion's share on their first appearance in New York's great show, but for ten years their records have been showing better comparative qualities each year. The above eight cocks, selected from Mr. Young's hundreds of representative White Leghorns, won every prize in their class at this important National S. C. White Leghorn Club Show Competition at Madison Square Garden. Only a well trained expert could compare qualities between these adult males. It was the same with the rest of D. W. Young's wonderful exhibit that captured every premier prize in all five classes in which they competed. Mr. Young has produced a wonderful type of S. C. White Leghorns, which he breeds today by the thousands. Perhaps no other breeder in America is handling such an extensive plant with simpler methods or more gratifying results. It is worth going a long journey to visit his place and study his charming birds and the systematic methods he employs.

MOORE BROTHERS' WHITE LEGHORNS

To win blue ribbons in the White Leghorn classes at our leading eastern shows requires stock of the very highest type, as competition is exceedingly keen and strong in the White Leghorn alley. That Moore Brothers of Moscow, N. Y., have the brand of stock to capture blue ribbons has been demonstrated in the past two years, especially at the Grand Central Palace show, New York, December, 1911, where they won the coveted honors of first cockerel and first pullet in one of the largest and strongest classes of S. C. White Leghorns ever exhibited. They also won the specials for best White Leghorn cockerel, best head S. C. White Leghorn male and best cockerel in the Mediterranean class. Moore Brothers' winning cockerel was the star of the show.

A month later at the great International show held at Buffalo, N. Y., January 2 to 8, 1912, on eleven entries, not one of which was shown at New York, won 1st, 4th, 5th cockerel; 1st, 2nd pullet; 1st, 4th hen; 2nd pen; 5th cock and specials for best male and female in the class. These birds were bred and raised on Moore Brothers Farm with the exception of the fifth prize cock bird. This proves the splendid breeding qualities of the Moore Strain, as well as the efficient handling of the exhibition specimens. But the same labor, care and expense which Messrs. Moore have devoted to producing high quality show birds has likewise been applied in perfecting the laying qualities of their stock, grand results in egg production in the hands of their customers being reported from many different sections of the country.

The White Leghorns are raised exclusively on the Moore Farm, the soil as well as other conditions being ideal for producing strong and healthy stock. Moore Brothers have mated for this season sixteen pens of high class birds which will produce winners in the strongest classes and bear out their slogan, "You can win with our strain", which appears on the front cover of their neat and clean cut mating list for 1913, a copy of which should be in the possession of every progressive breeder, who is interested in White Leghorns that show well and lay well.

TURTLE POINT FARM LEGHORNS

Admirers of the Leghorn breed will find the new catalogue just issued by Turtle Point Farm, Saratoga Springs, N. Y., one of the most interesting books of the kind ever published. Mr. Manning, the proprietor, calls his farm "The Home of Leghorns", and we believe the six varieties of Leghorns that roam over the beautiful fields and occupy the spacious buildings and runs at Turtle Point Farm, will agree with their owner that it is a real home to them.

Here will be found high class specimens of Single and Rose Comb White and Brown Leghorns as well as choice specimens of Black and Silver Leghorns. Saratoga Springs is an ideal place for raising Leghorns to the highest state of perfection, the soil being sandy and the air pure and dry. As the proprietor well remarks: "Nature has decreed this spot an ideal one for poultry culture and as you will note by the accompanying half-tones our youngsters are reared under ideal conditions. On many parts of the farm, cool, fresh springs abound and a large part of our growing stock have access to fresh cool water at all times. Under these conditions large, vigorous birds result."

A glance at the pictures in the catalogue is sufficient to make a genuine Leghorn fancier wish he could visit Turtle Point Farm and see the stock kept under such favorable environments. Visitors are always welcome at the farm, so after looking the catalog over, the next best thing to do is to take a trip to Saratoga Springs. The catalogue is free to readers of AMERICAN POULTRY WORLD and every person interested in Leghorns should send for it.

American Poultry World.

Gentlemen:—I enclose check for three months' classified ad. From last three month ad have sold stock as far south as Waco, Texas, as far West as Vandalia, Mo., and Minnesota, and practically all over middle Atlantic Coast States.

Have thought of using display space, but as long as I have good returns from your classified section will not, as I can sell all stock and eggs I can supply.

McKeesport, Pa., Feby., 1912.

Respectfully yours,
S. J. Childs.

H. F. LIETZ

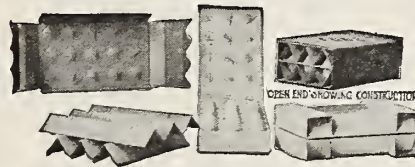
Attention is called to the advertising of H. F. Lietz, of Meriden, Conn., on page 548 of this issue. Mr. Lietz has been a breeder of White Wyandottes for the past twenty years and during that entire period has not only paid the closest attention to standard requirements, but has also looked after utility points as well and has succeeded in developing a strain of this popular variety that not only possesses standard qualities that puts them in the blue ribbon classes at many of our important shows, but they also rank as leaders in the production of eggs. Mr. Lietz will fill orders for eggs for hatching from a few select matings and solicits a share of A. P. W. readers' patronage.

Blue Hill Poultry Farm - Barred Plymouth Rocks
Fine breeding stock for sale. Eggs from exhibition cockerel and pullet matings. \$5 per setting. If you want the best at lowest prices. Address **BLUE HILL POULTRY FARM, P. J. Canavan, Prop., PHILMONT, N. Y.**

WANTED---A Central Custom Hatchery

to hatch eggs for farmers and everyone in your section who wants chicks. Most people don't want to take the time or bother to run small machines and if they can take their eggs to a hatchery and call for their chicks, there is no limit to the business the hatchery can do. Any clean cellar and a Candee Automatic sectional incubator are all that is needed. Write for our free Custom Hatching booklet that gives full instructions how to start and run a hatchery. Address Dept. 3, Candee Incubator and Brooder Co., Eastwood, N. Y.

White Rocks and Pekin Ducks Champion winners at N. Y. State Fair, Rochester and Utica. Excellent layers. The paying kind. Eggs for hatching at reasonable prices. Send for descriptive circular and mating list. **F. M. Dodge, Route W, Frankfort, N. Y.**



BUY DIAMOND EGG CARRIERS

It is a fact and not a boast that eggs get the maximum protection in the Diamond Egg Carrier. Order today. Sample 25c. 15-egg size, dozen \$1.50, hundred \$11.00.

DIAMOND EGG BOX CO.,

1116 New York Life Bldg., Minneapolis, Minn

IF I BUY BABY CHICKS WILL THEY MATURE INTO PULLETS LIKE THESE ?



Will they grow into birds that I can feel proud of and that will lay Winter Eggs in quantities, or will the blue ribbons for me, or will they be just scrubs, that's the question before everyone who buys day-old chicks. It is not the first price that counts, but will they be right at maturity?

Caldwell's White Plymouth Rocks (Fisbel Strain) "Baby Chicks of Quality"

From Utility Matings

Will mature into long backed, well made birds pure white in color, that will be the secret of "Winter Eggs". Every utility breeder is descended from known good layers that have been bred that way.

From Exhibition Matings

Will mature into blue ribbon winners. Every exhibition pen is made up of birds with good combs, of good type and chalk white in color, possessing blood lines of generations of Fisbel blue ribbon winners. Our birds were among the principal winners at the Indiana Fanciers' Show, Indianapolis, 1912.

A New Catalog is Now Ready

One of the finest ever issued by any breeder. It tells just how "Baby Chicks of Quality" are produced and describes every grade of stock that we have to sell with prices. A copy is ready for you.

The Caldwell Selling Plan

not only arranges for the man who orders in advance but for the one in a hurry. Thousands of eggs are setting which will make possible DELIVERY OF ANY NUMBER ON SHORT NOTICE.

R. C. CALDWELL, Box 102-A, LYNDON, Ross Co., OHIO

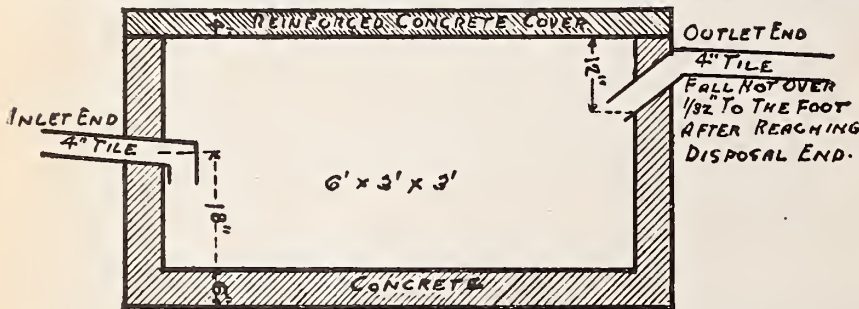
EXPERIENCE EXCHANGE

Every spring the poultryman is confronted with numerous repairs and improvements that are required around his plant—things that have escaped attention previously seemed to have been magnified by the winter season and demand immediate attention.

One thing more than any other that the breaking up of the winter season points out is the sanitary condition of the premises, and it impresses upon

posals system of this kind would be welcomed by many poultrymen, the plans were secured and are published here for the benefit of A. P. W. readers.

The tank is made of concrete and the following dimensions are recommended: 3 ft. deep, 2 ft. wide and 6 ft. long and an additional foot for each member of the family when there are over six members. An inlet pipe as shown in the illustration should



“CROSS SECTION OF SEPTIC TANK”

us the need of a good drainage system, especially a good method of disposing of sewerage.

While visiting Urban Farms, Pine Ridge, Buffalo, N. Y., last fall, our attention was called to a septic tank that had been installed several years previous for the disposal of the sewerage at one of the cottages on the plant. Although having been in use for several years, it was doing its work perfectly and has never required attention. Believing that a dis-

charge within 18 inches of the bottom and the outlet pipe should be placed as near the top (at the opposite end) as possible and have an elbow directed downward one foot at the inner end. Four inch tile should be laid for some distance from the outlet end, the distance depending upon the character of the soil. Heavy soils will require a greater disposal area than those of a gravelly nature. The cost of installation will vary with locality and cost of labor and mater-

ials, but should not exceed \$25.00. If the work is performed by the poultryman himself, and there is no reason why it should not be, as the construction is simple, the cost could almost be kept within the price of materials which should not exceed five dollars.

RANCOCAS STRAIN WHITE LEGHORNS

One of the greatest Leghorn plants in the country is Rancoocas Poultry Farm, located at Brown's Mills in the Pines, New Jersey, owned and operated by the International Poultry Sales Company. The catalog devoted to Rancoocas Strain of White Leghorns is a business document from cover to cover, one that should be most carefully read by every progressive poultry raiser who wants to make hens pay. As stated right in the beginning of this interesting book: "Profits in poultry, in poultry farming come largely from eggs. New York City eats more than three million eggs for breakfast every morning, other cities in proportion. Fresh eggs command a premium because the supply of strictly fresh eggs is always short. The ordinary barnyard hen lays about 70 eggs a year. Rancoocas strain layers produce 130 eggs a year or more."

The descriptions of the matings and the methods employed at Rancoocas are all faithfully and clearly given, so that readers will be interested as well as benefited. This excellent book will be mailed free to all applicants, who mention AMERICAN POULTRY WORLD when writing for it to Rancoocas Poultry Farm, Brown's Mills in the Pines, New Jersey.

SINGLE COMB WHITE LEGHORNS

A. Fisher, Canastota, N. Y., issues a neat little catalog devoted to his specialty, Single Comb White Leghorns, which he has successfully bred and exhibited for several years. Mr. Fisher sold thousands of baby chicks and eggs for hatching before he ever exhibited a bird, his old customers being his best ones, which speaks highly for his stock and business methods. His farm is located one mile from South Bay on Lehigh Valley R. R., and four and one-half miles from Canastota. His post-office address is R. F. D. No. 2, Route.

R. C. Caldwell Ships "Baby Chicks of Quality" On Short Notice See Ad. on Page 569

WHITE ORPINGTONS

Superb Type and Superior Quality

My First Show 1912, TEXAS STATE FAIR—First, Second and Fourth Cock, First, Second and Fifth Hen, First, Second and Third Cockerel, First, Second, Third and Fourth Pullet.

Won at ST. LOUIS, 4 Cock, 2 Cockerel, 1, 2, 4 Hen, 1, 4 Pullet, 1 Pen and Several Specials.

My birds are absolutely white, of that deep bodied type, low down on legs, up to weight and I know that I can please you. The last time I showed at Madison Square Garden, 1911, I again controlled the winning male birds. My winnings included first cock, third hen, 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 place Russell Cave White Orpingtons far in the lead. Both at Allentown and Augusta, two shows

I made last 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 shows in this country the cup for the ten best birds has never been equalled by any other breeder in America.

GREAT STAMINA AND VIGOR

are to be found in my birds, not usually found in White Orpingtons. I attribute this to strong foundation breeding stock, our pure air and the blue grass range, 100 acres in Russell Cave Poultry Yards and 8,000 acres in Elmendorf Farm. We still have a few more cockerels, pullets and hens at bargain prices. EGGS from the greatest of all matings—\$5.00, \$10.00 and \$20.00.

RUSSELL CAVE POULTRY YARDS,
Elmendorf Stock Farm

Route No. 3,

P. O. Box 2025,

LEXINGTON, KENTUCKY
Louis Lee Haggin, Prop.

POULTRY WORLD AFFAIRS

January 6th to 10th, inclusive, are the dates announced for the next Baltimore show.

—o—

Easton Poultry Association, Easton, Pa., will hold their seventh annual exhibition November 17-22, 1914. Wm. C. Denny and J. H. Wolsieffer will place the awards.

—o—

Edward Remington, Pittsburgh, Pa., died at his home in that city, March 9, 1913. Mr. Remington conducted an advertising agency and numbered some of our largest manufacturers among his clients.

—o—

At a meeting of the board of directors of the Williamsport Poultry, Pigeon and Pet Stock Association, held March 8th, the following judges were elected: H. P. Schwab, Plymouth Rocks and Rhode Island Reds; Richard Oke, Orpingtons; Chas. Nixon, Wyandottes; J. C. Punderford, Leghorns and other breeds. The next annual exhibition will be held at Williamsport, Pa., November 25 to 28th. McCormick Dawson is the secretary of this excellent organization.

—o—

The Easton (Pa.) Poultry Association, Inc., will hold their 7th annual exhibition November 17-22, 1913. J. H. Wolsieffer of Vineland, N. J., and Wm. C. Denny of Buffalo, N. Y., have been engaged as judges. Easton is the home of many well known poultrymen. Through the efforts of these men Easton poultry shows have made a fine record.

S. W. Godley, secretary, Easton, Pa., will furnish any desired particulars regarding the next annual show.

—o—

At the last meeting of the Tri-State Poultry and Pet Stock Club it was decided to hold the next show at Toledo Ohio, January 12-18, 1914. The annual election of officers was held, the following being chosen to serve during the coming year: W. H. Wagers, president; Royal R. Scott, vice-president; J. S. Ball, secretary and treasurer; F. J. Stamm, Charles Miller, F. W. Weisenberger, D. F. Bennett, J. Hubbard and W. D. Tracy, trustees. The judges selected are J. Coleman, F. L. Platt, D. D. Whittaker and Z. D. Struble.

—o—

Few persons know just what eggs consist of, although the question is asked often. The results of tests made by the Department of Agriculture show that about seven-eighths of the white of eggs is water, the remaining one-eighth being nearly pure albumen. The eggs of chickens, geese, ducks and turkeys were used in making the tests. The tests showed the entire eggs to be made up as follows:

Hen eggs, 50 per cent. water, 16 per cent. protein, 34 per cent. fat.

Goose eggs, 44 per cent. water, 19 per cent. protein, 36 per cent. fat.

Duck eggs, 46 per cent. water, 17 per cent. protein, 36 per cent. fat.

Turkey eggs, 48 per cent. water, 18 per cent. protein, 33 per cent. fat.

The protein goes to make blood and muscle and the fat furnishes fuel for heat, so it is easily seen that eggs, although largely composed of water, contain the elements needed to build up the body and repair the tissues.

It is not true, however, that an egg contains as much nourishment as a pound of steak. As a general rule three-fourths of a pound of eggs con-

tain about the same amount of nourishment as a pound of lean steak.

—o—

The Adams county poultry show, which has been at Berne, Ind., for the last four years, will be held this year at Decatur. This was decided at the recent meeting of the association. Thomas Dowling was elected presi-

Orpingtons Of Wonderful Qualities

Pittsburgh Fanciers Show 1911, 20 shown, 10 prizes won, Pittsburgh Expo. Show 1912, 24 shown 24 prizes won, Pittsburgh Fanciers Show 1912, 39 shown, 23 prizes won, Pittsburgh Expo. Show 1913, 42 shown, 32 prizes won "Some show records" Single and Rose Comb White and S.C. Buff Orpingtons Mammoth Imperial Pekin Ducks 500 to select from Cocks, Cockerets, Hens and Pullets and Eggs at all times. A deposit now will guarantee your eggs in regular order. 24 pens will be made up. Send for Catalogue. Sycamore Springs Poultry Yards, H. P. Kettering Prop. 1701 Lilac St. Carrick, Pa.

LOVE'S BARRED ROCKS are *Champions of the South*. At the Tri-State Fair, Memphis, 1912, 1 won as follows: 1 cock, 1-4-5 hen, 4-5 pullet, 1-2-3-4 pen. Special for best shape cock, best colored cock, best pen, best display Barred Rock from Tennessee, and several other minor prizes. It takes quality to do this and I have it. Choice stock for sale. Eggs \$5 per 15. Write your wants.

W. E. LOVE, Jr., Box W, 1129 Union Avenue, MEMPHIS, TENN.

ROSE AND SINGLE COMB RHODE ISLAND REDS

I. W. BEAN STRAIN

We won more points than any other exhibitor at Boston, 1913, Show in Rose Comb Reds, 1st pen, 1st hen, and other ribbons. Fine exhibition and breeding stock and eggs from best pens for sale. Address

MARVEL POULTRY FARM. Jones & Thayer, Props., RANDOLPH, MASS

WHITE PLYMOUTH ROCKS

Eggs from 1st pen, headed by son of Boston, 1912, Championship male, \$3.00 per 15. Eggs from highest grade, heavy laying, utility stock, \$1.50 per 15. Black and White Cochins Bantams, winners. Stock only.

THEODORE POOLE, Emma Street, SYRACUSE, N. Y.

URBAN FARM CHAMPIONS

We will spare a limited number of settings from our prize winning

Black Langshans, White Rocks, S. C. Mottled Anconas, Silver and Golden Campines, Black Tailed Japanese Bantams

At Boston Show, 1913, three varieties shown, our entries won eight firsts, four seconds, two thirds, one fourth, two fifths. Of 34 birds shown, 29 were under the ribbons. Mating list for 1913 on application. Correspondents please write their name and address plainly.

URBAN FARMS, Pine Ridge, BUFFALO, N. Y.

THE B-B BOOK ON DUCK CULTURE

The greatest work on Ducks published. It is written by one who has been successful. The Book treats on mating, breeding and judging of all varieties. The chapters on Incubation and Brooding and Rearing Ducklings is worth many times the price of the Book. Indian Runner Baby Ducklings and Eggs for Hatching For Sale. Price of Book 50c. Address

M. L. BEEBE, CHATHAM, N. Y.

4,000 Day-Old Chicks Per Week

THE BEST CHICKS

Hatched This Year Will Come From The **EVER-LAY FARM S. C. W. LEGHORNS**

No other farm is better equipped to ship you "Good Chicks" than we are. They pay us well and will pay you. We are not making \$6.00 to \$7.00 per bird a year, but we are getting average net returns of \$3.50 at common every day New York and Boston prices for best hennery eggs. Pullets raised from our chicks will lay 175 eggs during their first year for an entire flock if fed and housed correctly. We are getting these returns and you can do as well, as we send you just as good chicks as we use for ourselves. Our breeders are not only the best of layers, but are good looking "white" stock, and lay good sized "white" eggs. If there is any better stock in America, we will thank you for the information, as we intend to own the best Leghorns in the world.

WE HAVE 1700 BREEDERS IN THE PINK OF CONDITION

Chick Prices \$12.00 and \$15.00 per 100, \$115.00 and \$135.00 per 1000. Eggs for Hatching at \$5.00, \$6.00 and \$8.00 per 100, 95 per cent. fertility guaranteed. Cheaper by the thousand. Large catalog, telling you why our strain of S. C. White Leghorns pay better—FREE.

THE EVERLAY FARM, Route 2-B, METHUEN, MASS.

dent; Charles Magley, vice-president; Charles Oetting, secretary and treasurer, and D. M. Rice, superintendent. The members of the new executive

The pen with fifteen hens made a profit of 80 cents per hen, and the eggs laid numbered 976.

In the pen containing twenty hens 1,208 eggs were laid; a profit being made of 71 cents per bird.

The pen with twenty-five hens made a record of 1,328 eggs, a net profit of 35 cents per hen resulting.

The pen with thirty hens produced 1,200 eggs and made a profit per hen amounting to 30 cents.

The result of the experiment shows conclusively that hens can be so crowded as to reduce the profits of an egg farm. The difference of twenty-five eggs per hen for six months may mean the difference between profit and loss. Figuring the profits

for the entire ninety hens used in the tests at the rate made where fifteen birds were kept in a pen, the total

profit for six months would be \$72, while if figured according to the returns when thirty hens were used in one pen the profit would be only \$36.

LISK'S WHITE WYANDOTTES

Among the veteran breeders of White Wyandottes, Fred C. Lisk, Romulus, N. Y., has been one of the "old reliables," producing each year a splendid line of exhibition and breeding specimens that have made their influence felt at many shows and in many yards.

So large has Mr. Lisk's business grown, that he purchased a 50-acre farm to be devoted exclusively to the raising of White Wyandottes.

His new mating list is an excellently arranged and nicely illustrated pamphlet, that accurately tells what his birds are and what they have done for him and others in the show room. White Wyandotte breeders looking for new blood or first-class stock should send for Mr. Lisk's 1913 mating list.

BUTTERCUPS

Buttercups are now being extensively advertised as a new and wonderful egg laying breed, and no doubt will be bred extensively in the future for the production of white shelled eggs. The Buttercups belong to the Mediterranean family of which the Leghorns, Anconas, Andalusians, Spanish and Minorcas are members; and although not a new breed, it has not until recently received the attention its egg laying qualities deserve. A very neat little circular just issued by John S. McBride, Beverly, Ohio, gives interesting and instructive data relating to Buttercups, which will be sent free to readers of AMERICAN POULTRY WORLD who mention this paper.



YAMA'S CZARINA

This single comb Black Minorca hen captured third prize at Madison Square Garden, 1912-13, and a few weeks later carried off second honors at Buffalo, N. Y. Owned and exhibited by Yama Farms, Ossining, N. Y.

committee are Amos Hirschy, Samuel Simson, John T. Hilty, Mrs. Fanny Christen, Charles Zimmerman, William Dowling and Kalvin D. Kunkel.

The Princess Montplyn has started an extensive poultry plant on her estate at Argentine, Florida, and will make a specialty of Buff and Black Orpingtons. She has recently purchased several choice pens of the above varieties of Wm. Cook & Sons, Scotch Plains, N. J., to be used as foundation stock. The Princess is well known all over the world, having gained much fame as a dog fancier, her Collies and Chows having been exhibited in leading exhibitions all over the world. It is stated that she once paid \$20,000 for a Collie dog.

NUMBER OF HENS MOST PROFITABLE TO KEEP IN PENS

An interesting experiment was tried out recently at the Maine State Experiment Station to ascertain the number of hens most profitable to keep in pens. Each pen was 10 by 16 feet, giving 160 square feet. The hens used in making the experiment were Brahmas and Plymouth Rocks. The tests continued for six months.

There were fifteen, twenty, twenty-five and thirty hens to a pen. The conditions in all pens were alike, so as to make the tests conclusive.

KIEVIT WHITE WYANDOTTES

Again make a great win at Passaic in hot competition for the National White Wyandotte State Cup, winning 1st and 4th cockerel, 2nd hen, 3rd pullet, 1st pen, shape on cockerel, color special on pullet and special for best pen in show, all varieties competing. At Paterson's Quality Show, display special, 4 cock, 3-4 hen, 1-2 pullet, 1 pen. 15 Grand Pens from my 220-egg strain that will produce winners. Eggs, \$3.00, \$5.00, \$8.00, \$10.00 per 15. 100 first class cockerels, hens and pullets \$3.00, \$5.00, \$8.00 and \$10.00. Mating List.

CORNELIUS A. KIEVIT,

York Avenue and Keen Street,

PATERSON, N. J.

Single Comb Rhode Island Reds

Our winnings at Allentown, Pa., 1-2 pens, other prizes. 1st pen, 1st cockerel at Philadelphia, 1911, show, against the leading Northern Breeders and our big winnings at Baltimore, Md., and other leading southern shows, places the stamp of approval upon my strain. We have 200 high class quality exhibition and breeding pullets and cockerels for sale at right prices. We have the birds to help strengthen your flock. Eggs from best pens now mated for winter delivery. Address

GEO. W. WHITE,

S. C. R. I. Red Specialist,

HAMILTON, MD.

SINGLE COMB WHITE LEGHORNS--Exclusively

D. W. Young's Strain the finest in the World. 4000 Breeders on my famous free range system. Eggs now ready on a days notice at \$6 per 100 in any quantity. Now bookings orders for March and April delivery of Baby Chicks at \$12 per 100. Capacity 4000 weekly. Order at once for March and April delivery. My book "Profits in Poultry Keeping Solved" shows you where the money is—price \$1 or given free with all \$10 orders. Circular free.

EDGAR BRIGGS,

Box 31,

PLEASANT VALLEY, N. Y.

JOHNSTON'S IMPERIAL

Barred Plymouth Rocks and S. C. Rhode Island Reds

Our 1913 Matings contain the very best birds we ever raised including our New York State Fair, Philadelphia, Pa., Williamsport, Pa., Bloomsburg, Pa., Wilkesbarre, Pa., and other winners. We guarantee a square deal to all. Eggs \$3.00, \$5.00 and \$10.00 per 15.

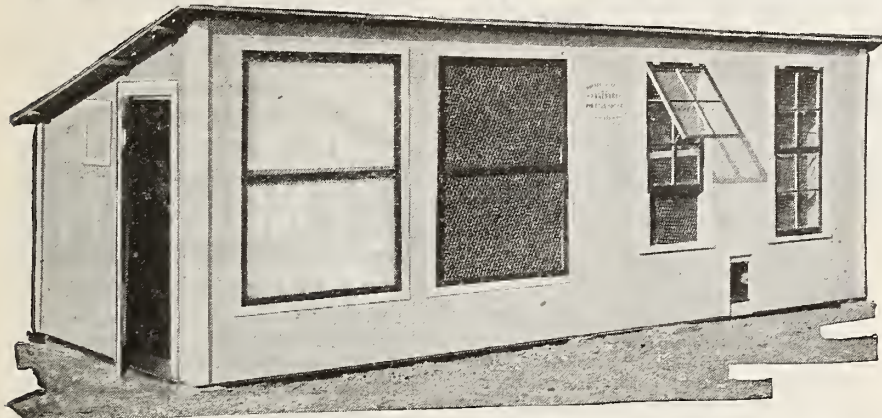
MRS. BOYD JOHNSTON,
S. C. R. I. Reds

RUPERT, PA.

BOYD JOHNSTON
Barred Plymouth Rocks

HIGH GRADE POULTRY HOUSES AT LOW COST

The accompanying illustration is reproduced from a photograph of one of the popular poultry houses made by Potter & Co., Downer's Grove, Ill. These houses are made in convenient, close fitting sections at the factory and are shipped with full instructions for erect-



ing, so that anyone can quickly and easily erect a complete house with all fixtures at very little cost. All joints fit closely; the material is of the best; all workmanship is carefully done and the sections are so re-enforced that when set up ready for use a Potter House is substantial, wind-proof, watertight and exceptionally convenient in arrangement.

In building these houses particular attention is given to the matter of ventilation and sunlight so that the health of the birds is best protected. The house shown here is the biggest seller Potter & Co., make. It measures 8x20 ft., is 7 ft. high in front and 5 ft. high in rear. Has partition in center. Floor in roosting room, hinged windows and door as illustrated. Also fitted with a complete Potter Henery Outfit, No. 23, suitable for 60 hens. The price of this house, painted 2 coats,

and delivered, freight paid, is \$75. Price unpainted and freight paid of \$71.50.

At such prices one really cannot afford to bother with building his own poultry houses and fixtures. In ordering the complete house there is no carpenter to pay, no lumber wasted, none left over and no fixtures, windows, etc., to bother about. Potter and Co.

print a large catalog showing 22 different styles of houses, also a full line of vermin proof fixtures, feeds and supplies. This book will be mailed to any address for 20c in stamps, which amount will be deducted from the first order you send them. Address Potter & Co., Box E 16, Downer's Grove, Ills.

TOMPKINS' REDS

Whenever Rhode Island Reds are discussed it's a safe bet that Lester Tompkins' name will be mentioned during the discussion for Tompkins' Reds have been in the public eye these many years, and to Mr. Tompkins much of their present popularity is due. He was one of the first breeders to realize the great possibilities of this now immensely popular American breed, and lost no time in building up a founda-

tion for his strain that have made fame and fortune for its founder. The hundreds of prizes won by Tompkins' Reds at America's leading shows in the past decade prove their high quality, so that Mr. Tompkins' claim of their being "The Undefeated, Undisputed Cnampions" may be justifiable. His little Red booklet for 1913, tells the complete story of his famous strain and gives detailed description of all the great matings he has selected for this season. A letter addressed to Lester Tompkins, Concord, Mass., with request for a copy of this new catalog will bring a copy of the latter to every reader of AMERICAN POULTRY WORLD who applies for it.

HILL CREST BUFF LEGHORNS

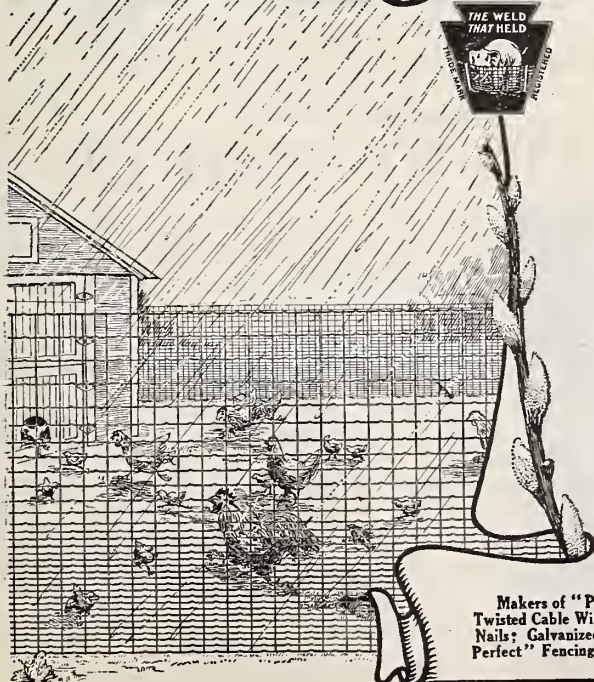
Buff Leghorns are rapidly forging to the front as popular exhibition and utility fowl, their handsome appearance and splendid laying qualities making them the most formidable rivals of the White Leghorns. Among the eastern breeders of Buff Leghorns, Hill Crest Farm, North Gorham, Maine, have made an enviable record in the show room with their birds, which entitles them to the claims of being the New England Champions. Several excellent pens have been mated up this season. These pens are fully described and prices for eggs and stock given in the new circular, just issued, which can be had by addressing Hill Crest Farm, North Gorham, Maine.

CHEAP AS WOOD
40 STYLES. ALL KINDS OF FENCE. NO AGENTS CATALOG FREE UP-TO-DATE MFG. CO. BOX U, TERRE HAUTE, IND.

POULTRY FENCE
22 1/2 Cents a rod for 48-inch fence. 23 Fewer posts and no base board or top rail required. Buy from the factory direct. Other styles of Poultry, Farm and Lawn Fencing. Large Catalog free. Write today Box 72 Kitzelman Bros, Muncie, Ind.

R. C. Caldwell ships "Baby Chicks of Quality" on short notice. See Ad. on Page 569.

"Pittsburgh Perfect" Fences



When that April shower suddenly descends, if your chickens are properly confined to their run, they are not so far away from cover that the rain can do damage to even the smallest chicks.

The new "Pittsburgh Perfect" Chicken and Rabbit Fence keeps them just where you want them, and *effectually* bars out all prowling, destructive animals and vermin. Strung around your orchard, the rabbits can't get at the trees. Cheaper than fine-meshed hexagonal poultry netting and outlasts it many times. It is the very best investment in poultry yard equipment you can make.

The joints in all "Pittsburgh Perfect" Fences are **WELDED BY ELECTRICITY**

No wasted wire, no useless, dragging weight. Made of heavily zinc-galvanized Open Hearth Wire. Easiest to put up. Look best. Unequaled in strength, durability, economical cost.

Dealers everywhere sell "Pittsburgh Perfect," made in different styles for FIELD, FARM, RANCH, LAWN, CHICKEN, POULTRY and RABBIT YARD and GARDEN.

Write today for new catalogue telling how to test wire and erect fence.

PITTSBURGH STEEL CO., Pittsburgh, Pa.

Makers of "Pittsburgh Perfect" Brands of Barbed Wire; Bright, Annealed and Galvanized Wire; Twisted Cable Wire; Hard Spring Coil Wire; Fence Staples; Poultry Netting Staples; Regular Wire Nails; Galvanized Wire Nails; Large Head Roofing Nails Single Loop Bale Lies; "Pittsburgh Perfect" Fencing.



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. 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.

VERTIGO

Q. I have a Black Minorca hen that throws her head back and turns around in a circle. Can you tell me what the trouble is and how to treat it? A. A. H., Wash.

A. Your hen shows symptoms of vertigo, which is caused by a congestion of blood in the brain; this congestion produces dizziness which causes the hen to throw her head back or to one side and to turn around or run sideways. Treatment for this disease is not as a usual thing very satisfactory. Relief may be given by applying cold water to the head at the time of the attack. Put the bird in a cool place and give two teaspoonsful of castor oil or 30 grains of epsom salts and keep her as quiet as possible.

FEATHER PULLING HABIT

Q. I am a poultry raiser and keep White Leghorns. They have developed the feather pulling habit and I would like to know if there is a cure? F. P. W., Conn.

A. This is a very annoying habit and usually manifests itself during the winter season. In the majority of cases it can be attributed to idleness, in others, to a lack of animal food. When birds are confined in winter quarters they readily acquire bad habits unless kept busy at all times, this is especially true of Leghorns, owing to their nervous tendency. Many times you have probably noticed your hens pick feathers from the litter and swallow them. This is usually an indication that animal food is wanted and that they are trying to satisfy their desires in this way. From a small beginning this leads to greater things and the birds soon acquire the habit of plucking feathers. Provide a liberal amount of animal food, beef scrap or green cut bone, and plan to keep your birds busy scratching all day long. That is, feed their grain in deep litter and make them work for it. If the change in conditions does not improve their habits, you should secure some poultry bits from your supply dealer and place one on each offender.

HENS DON'T LAY

Q. I have twenty-three pure bred Barred Rock hens that will be two-years old in May; began to feed them a wet mash with Pratt's Poultry Regulator in the morning and wheat at night. By the first of November they

were in fairly good condition and looked as bright and healthy as could be. Their plumage was exceptionally good. I began feeding them a dry mash as sold by the H-O Co. with alfalfa meal added in the morning and wheat and cracked corn at night. I changed this about six weeks ago to just wheat and corn. For the last two weeks they have had a dry mash in the morning consisting of 100 lbs. bran, 100 lbs. midds., 200 lbs. corn meal, 100 lbs. gluten meal, 50 lbs. oil meal, 100 lbs. Heneta Grit, along with this I feed about a quart of scratch feed of cracked corn, wheat, buckwheat, barley, oats, kaffir corn, sunflower seed and grit. At night they have clear wheat. I feed enough dry mash to last all day. About every three days they have ½ lb. fresh cut

bone and scrap meat. I have fed as near as possible in conformity with the publications and still my results are not satisfactory. The best I can do is to get four or five eggs a day.

"Conkey's Poultry Book 80-Pages Free"

to any poultry raiser sending stamps, 4c. to the G. E. CONKEY CO., Dept. 109, CLEVELAND, O.

**POULTRY
LIFE INSURANCE**

ZENOLEUM

KILLS LICE AND MITES

DISINFECTS the Hen House, Brooder and Incubator. **CURES** Roup, Scaley Leg, Canker, Cholera. **PREVENTS** White Diarrhoea

Endorsed by 50 Experiment Stations

Every person interested in the causes and symptoms of all poultry diseases should read **CHICKEN CHAT**—Free if you ask for it. It names diseases, and suggests methods for curing them, and offers ideas for preventing contagion and infection.

The most eminent poultry authorities in the world have contributed their stories to this book. An interesting report is made by the Ontario Government poultry expert, Professor Graham, in regard to his successful handling of incubators, and the prevention of white diarrhoea in his hatches.

Ask the Druggist or Poultry Supply Man

At dealers 8 oz., 25 cts; Quart, 50 cts; Gal., \$1.50
Postpaid 8 oz., 35 cts; Quart, 65 cts; Gal., \$1.50

The ZENNER DISINFECTANT CO.
270 Lafayette Ave., Detroit, Mich.

Oculum

Decreases "setting" one half; increases eggs; cures sick fowls; increases fertility. At your dealer's, or if skeptical, make us prove it by ordering a \$1.00 bottle direct on thirty days trial. Address "OCULUM", Dept. Q, SALEM, VA.

Only Live Chicks Count

It is not the number of chicks hatched, but the number raised, that makes a poultry farm profitable. Chicks trampled to death or smothered in the brooding represent loss.

International SANITARY HOVER



The only hover that is warmer near the curtain than at the center. This, by causing the chicks to distribute themselves near the edge of the curtain, prevents crowding and assures plenty of fresh air.

The Sanitary Hover can be picked up and carried around with ease and used anywhere. No carpenter work is required to set it up. It is fireproof, unbreakable, absolutely reliable.

More sales are being made of Sanitary Hovers than of any other two makes combined. Sixty per cent. of the Sanitary Hovers sold are replacing other brooding devices. If you are going to raise chicks this spring, you owe to them to investigate the results achieved with the Sanitary Hover.

Indorsed by Kellerstrass, Owen Farms, Wm. Cook & Sons, and America's leading poultrymen generally. The concerns named are breeders of the highest priced birds in the country. Every chick entrusted to a hover by them represents from \$10 to \$100 in value. They use the Sanitary Hover because they know it can be depended on.

Write for booklet containing a full description of the one perfect brooding device—the Sanitary Hover.

INTERNATIONAL POULTRY SALES CO.,
Box 611, Brown's Mills, N. J.

I want to get them in shape to sell for hatching purposes and it will be necessary to have a record to show. The hens originally came from a good laying stock. Will you kindly advise where I am at fault, that I do not get more eggs? R. H. K., New York.

A. I believe the greater part of your trouble lies in the fact that your hens are old. If you have had experience with poultry, you must know that it is a very hard matter to induce old fowls to lay during the cold weather. Then, too, there is danger of their becoming over fat, a condition not conducive to egg production, and what few eggs are produced while in the over fat condition hardly ever give good hatching results. Your method of feeding is very good and the ration appears to be designed more for egg production for commercial purposes than it does for hatching eggs. Better investigate and see if the birds are not a trifle over fat and if found so reduce the corn and corn meal in your ration. Feed so as to induce the greatest amount of exercise and I think you will have plenty of eggs for hatching purposes.

HENS LOSE FEATHERS ON BACK

Q. I have four or five hens that have the feathers all out of the middle of their backs. I have watched very carefully and have failed to see any signs of feather eating. There does not appear to be any soreness where the feathers are gone. Can you suggest the cause of the trouble? C. O. G., W. Va.

A. If you are sure you have no feather eaters in your flock we will have to look for other causes. From the fact that the backs of the hens are affected, I think perhaps the cock may be the cause of the trouble. Vigorous males possessing long spurs will often break the feathers of their pen mates in the manner you describe. Look to the male and if his spurs are too long, remove them. A method most often used is to remove the spurs with a saw, after which the resulting wound is cauterized, but a simpler method is to proceed as follows: Select two or three medium sized potatoes, which should be placed with their jackets on in a pan or other receptacle to boil; while they are boiling secure the cock from which you wish to remove the spurs and after wrapping a cloth about his body so he will be easy to handle, cut a shallow groove about the spur

at the point where you wish to take it off. When the potatoes are soft, take one and push it over the spur until the outside of the potato and the groove previously cut in the spur meet, hold it on for a few minutes, after which the spur may be removed by a gentle pressure.

CHICKEN POX

Q. I have a flock of hens that have had the chicken pox and I believe they have fully recovered. I would like to know if there is any further danger of its returning, that is, will the chicks raised this season be liable to have it? L. W. B., Mass.

A. Where chicken pox is once established in a flock, there is always a danger of its recurrence the following season. The older fowls seldom have the second attack, but it is almost sure to make its appearance in the younger fowls. It is claimed that a cure has been discovered for the disease and that unaffected birds may be immunized by treating them before the disease makes its appearance. There has been several articles published in this journal along this line recently. How effective this cure will

Champion Black Orpingtons
EGGS AND STOCK.

JAMES H. STAIR, AKRON, OHIO

GET MORE EGGS
Twice as many by feeding green cut bone.
MANN'S BONE CUTTER 10 Days Free Trial.
No money in advance. Cat'lg free.
F. W. Mann Co., Box 355 Milford, Mass.

QUALITY SILVER WYANDOTTES

FOUR FIRSTS and Best Display at Madison Square Garden.

LEROY W. SEIGFRIED, Route B, WATERLOO, N. Y.

Progressive Breeders are now hatching their next winter layers. My strain of

S. C. BUFF ORPINGTONS

have been especially bred for a high production and cannot fail to help with the improvement of your winter egg supply. Best results obtained from hatches now.

O. WILSON, CHERRY LANE. CARLISLE, W. VA.

KILL RATS & MICE
SCIENTIFICALLY
with **Pasteur Laboratories Rat Virus**
NOT A POISON
HARMLESS TO POULTRY, DOMESTIC ANIMALS & MAN
PASTEUR LABORATORIES OF AMERICA
NEW YORK 366 W. 11 ST. CHICAGO 443 S. DEARBORN ST.

CROOKS' S. C. REDS For quality in S. C. Rhode Island Reds you should write Crooks. He produces the quality kind as his record of 32 regular prizes including 15 first at Akron, Mansfield and Cleveland will prove:—

Do you want better proof? Some excellent stock for sale both sexes. Have 6 choice breeding pens, now booking egg orders. \$2, \$3, \$5 per 15. Mating list free. Buy Crooks Reds and win next season.
SUMNER G. CROOKS, Box W, LORAIN, OHIO

1882 - JODREY'S SILVER WYANDOTTES - 1912

Champions of the great club show Boston 1912, Won the Steinmesch Champion Challenge Cup for best 4—150 competing. The Boston Champion Cup for best male, 52 competing.

They won on quality not quantity. Breeding and exhibition stock for sale that will improve your stock.

J. C. JODREY,

DANVERS, MASS.

S. C. WHITE LEGHORNS

S. C. BLACK MINORCAS

Bred for perfection in standard requirements combined with extraordinary egg production. Eggs \$1.50, \$2.00 and \$3.00 Per 15. Baby Chicks 20, 25 and 35 cents each. Special price on eggs and chicks by 100. Write for circulars.

THEY WIN

THEY LAY

THEY PAY

Park View Poultry Yards, Box W, E. A. Waring, P. O. Box No. 3, Sta. C, Memphis, Tenn.

A. W. KOPFSTEIN PEERLESS POULTRY CO. A. C. KOPFSTEIN
White Wyandottes—Barred Rocks
EGGS FOR HATCHING BABY CHICKS
White Wyandotte Eggs \$2.00, \$3.00, \$5.00 for 15.
Barred Rock Eggs \$2.00, \$3.00, \$4.00 for 15.
Stock for sale at all times. Ask for our prices on Baby Chicks, the livable kind.
PEERLESS POULTRY CO., 1214 E. 80th Street, CLEVELAND, OHIO

NEW YORK, 1913

At Madison Square Garden, the acknowledged premier show of America, in a competition of winners, from every part of the country we won, (on Rose Comb Rhode Island Reds).

1st Pen, 1st and 3rd Cockerel, 2nd Cock, 4th Pullet, 4th Hen
Winning more Firsts and Seconds than any other Competitor, also Display

This demonstrates beyond dispute the superiority of our celebrated "SENSATION" and "RED PRINCE" strains of Rose and Single Comb R. I. Reds, the Strains that won more firsts (in R. C.) at New York, Boston, Providence, Chicago, Baltimore, Washington, 1911-1912, than all others combined. Our first pen, the winning most coveted by all exhibitors, was pronounced a marvel of quality.

STOCK

We have some splendid males and females, last year's breeders and winners, including "MAJESTIC" 2nd cock at Boston, 1910, which we offer for sale this season

EGGS

for hatching at all seasons. Send stamp for Mating List

RED FEATHER FARM, F. W. G. ALMY, Prop.,

Box 22,

Tiverton Four Corners, R. I.

prove to be can best be told only by a thorough and prolonged test.

Q. I breed Rhode Island Reds and I am having all kinds of trouble with "broodies". I do my hatching with incubators, so am anxious to have my hens produce as many eggs as possible, therefore, I would like to know how to quickly break the broody fever. I have tried ducking them in cold water, but it does not seem to cool them off as they return to the nest again. Subscriber, R. I.

A. There are many ways of correcting broodiness without resorting to cruelty, as you have done. A very effective method is to confine them with a good vigorous male in a pen from which all fixtures have been removed. Another very satisfactory method is to confine them in a slatted coop that has been provided with a wire netting or slatted bottom. The coop should be set a foot or two off the ground. A few days of this treatment and they will be ready to get down to work.

Q. (a) If I penned up 10 hens and a rooster would the eggs from the hens be more nourishing than from a pen of 10 hens without the rooster? (b) If, after having a pen of 10 hens mated to a rooster for two months would any of the eggs be fertile after the rooster was taken out of the pen? (c) Will ducklings take on weight without water or pond as fast as those with a pond? H. O. J., L. I.

A. (a) No. The fact of the male running with the hens does not add to the edible qualities of the eggs. It is generally agreed that such eggs are to be preferred to fertile ones. (b) Experiments have proven that eggs will remain fertile for several days after the removal of the male from the pen. (c) Yes.

VIERHELLER'S BUFF ROCKS

Among the leaders in the Buff Plymouth Rock fancy, Vierheller Bros., of Pittsburgh, Pa., enjoy a national reputation, having bred and exhibited many winners at the big shows of this country, their most notable winning this year being at the National Buff Rock Club show held at Springfield, Ill., January 6 to 13, where they captured the following prizes: 1st pen old; 3rd pen young; 1st pullet; 2nd cockerel; 3rd cock, and Club's national Championship Cup for best cock, cockerel, hen and pullet; Championship Breeders' Cup for best pen, cock, cockerel, hen and pullet and cup for best pen, in a class of 300 birds.

Their 1913 mating list is most attractively printed and beautifully illustrated. Eggs from the most select matings are offered at very reasonable prices, considering the high quality of their stock. When addressing Vierheller Bros., 17 Sylvania Avenue, Pittsburgh, Pa., for a copy of their mating list, mention AMERICAN POULTRY WORLD.

MONMOUTH FARM'S BEAUTIFUL CATALOG

What is probably one of the most beautifully illustrated poultry catalogues ever printed is the one just issued by J. Courtney Punderford, proprietor of Monmouth Poultry Farms, Freneau, New Jersey. It is devoted to the two great specialties bred there, Buff and White Leghorns. The color plate by A. O. Schilling of Buff Leghorns is a work of art, bringing out the fine type and graceful carriage, as well as the rich golden buff color of Mr. Punderford's first prize cockerel and two pullets from his first prize pen at the Madison Square Garden Show, December, 1911.

Another full page halftone illustration of the first prize pen at New York in 1911, is a treat for lovers of Buff Leghorns, as it represents the high ideals attained in both male and females, the artist succeeding admirably also in bringing out the soft tones of the plumage. Mr. Punderford has won this coveted breeding pen prize five years in succession at the Madison Square Garden. We advise all admirers of Leghorns to send for a copy of this superbly printed and illustrated book.

WAHEBE BANTAMS

The Wahebe Black, White, Buff and Partridge Cochins Bantams made a most wonderful record at two of our greatest shows the past season. At Louisville, Ky., December, 1913, they won on Blacks: 1, 2 cock; 1, 2 hen; 1, 2 cockerel,

and 1, 2 pen. On Buffs: 1, 2 cock; 1, 2, 3 hen; 1, 2 cockerel; 1, 2 pullet; 1st old pen, and 1st young pen. On Partridge: 1, 2 cock; 1, 2 hen; 1 cockerel. On White: 1 cock; 1, 2 hen; 1, 2 pullet; silver cup for best display of bantams. At Indianapolis, Jan. 11-17, 1913, every bantam entered received a place as follows: Blacks: 1, 2 cock; 1, 2 hen; 1, 2 cockerel; 1, 2 pullet, and 1st pen. Buff 2, 3 cock; 1, 4, 5 hen; 2 cockerel; 5 pullet; 1st old pen. Partridge: 1 cock; 1, 2 hen; 1, 2 pullet; 1, 2 cockerel. White: 1, 2 cock; 1, 2 hen; 1, 2 cockerel; 1, 2 pullet. Silver cup for best display of bantams winning fifteen out of a possible eighteen firsts.

Send for a copy of their mating list. Address Wahebe Bantam Yards, Box 359 R, Cincinnati, O.

CURTIS'S COLUMBIAN WYANDOTTES
America's Best. Invincible this season, 6 firsts at New York State Fair; 5 firsts, best display, all important specials at big Albany Show, leading winners at Boston in best class of Columbians ever shown there. Fine cockerels and pullets for sale. Eggs for hatching. Send for circular.
D. V. G. Curtis, Box W, Ballston Spa, N. Y.

Start Your LITTLE CHICKS

Succulenta Water

And Watch Them Grow!

Better and cheaper than GREEN FOOD! Sample can (100 large tablets) by mail 50c. Drop postal for particulars to
The Succulenta Co. P. O. Box 405-17 Newark, N. J.

RELYEA ROSE AND SINGLE COMB REDS

Bred for utility and exhibition. Eggs from exhibition matings \$3.00 per setting, two sittings for \$5.00. Incubator Eggs \$5.00 per hundred.

SUNNY BANK POULTRY FARM, ONEONTA, N. Y.

THE DAM POULTRY YARDS,

JACOB DAM, Proprietor, 12 Clover Street, YONKERS, N. Y.

WHITE	{ ROCKS WYANDOTTES ORPINGTONS }	Winners at	9 Firsts
		Yonkers	3 Seconds
			3 Thirds

Mayor Lennon's Cup for Best Pen in Show. Eggs and Stock for sale. Write for list.

We Say If You Are Going To Win You Have To Get
THE FAMOUS S. & B. STRAIN

RHODE ISLAND REDS

FIRST PRIZE WINNERS

Madison Square Garden, N. Y., Boston, Mass., Allentown, Pa., Grand Central Palace, N. Y., Augusta, Ga., Paterson, N. J., Richmond Hill, N. Y., Easton, Pa., Philadelphia, Pa., White Plains, N. Y., Utica, N. Y., Mineola, N. Y., Hagerstown, Md., Yonkers, N. Y.,

Season of 1911, at four large shows we won 17 first prizes, 4 Silver Cups, 14 Special Ribbons. At Philadelphia won the CHAMPION PEN OF THE SHOW, Season of 1912 won 22 First Prizes, 8 Silver Cups, 17 Special Ribbons.

We breed all our prize winners and hundreds of others. Why not for you? Eggs and Baby Chicks from 45 very choice matings now ready. Send for mating list.

Seaman & Bogert, Box W, Port Washington, N. Y.

SINGLE COMB WHITE ORPINGTONS

In purchasing stock or eggs the first question one will ask is, what are your Blood Lines. Through careful mating we have attained a strain of S. C. White Orpingtons that are fine Pure Bred Birds and Heavy Winter Layers, they have no superior. Our exhibition Pens are headed by some of the finest male birds in the world. True in color and type, and birds that are sure to produce high class stock. We can furnish you with eggs from our best exhibition pens at better prices than any other breeder in the world to-day. Write for mating list and prices that will satisfy. We absolutely guarantee satisfaction. Remember March is the month to hatch your early winter layers. We have only a limited number of eggs from our best exhibition pens. Make us prove our assertion. Write today and be convinced.

J. E. CARROLL,

Box B,

CLEVELAND, OHIO

BARRED PLYMOUTH ROCK STANDARD REVISION

By J. H. Drevenstedt

(Continued from page 492)

any variety whereas now, he must either keep two matings, or get along with either a pullet or a cockerel mating.

"Who made our Standard and who opposes the suggested change? This change has been proposed time and again, has been brought before the American Poultry Association, and has always been voted down. Why? Simply, because a number of the big breeders are reaping a rich harvest from a sale of stock and eggs under the present requirements. They have the capital to carry on the double mating, they have the capital to advertise extensively, and of course they have the stock conforming more or less to the present requirements. And there is a sucker born every minute. Outside of these financial reasons, I would like to hear of a single substantial reason for not changing the Standard requirements of the Barred Rock male. In summing up the reasons for a change, let us say, utility demands it, health demands it, beauty demands it, and THE FUTURE OF THE VARIETY DEMANDS IT."

PROPOSED NEW STANDARD COLOR DESCRIPTION

The Standard color description according to Mr. Latham's judgment should read as follows:

"Color of Plumage of Barred Rocks

"Dark bar very nearly a positive black, free from brownish tinge or metallic sheen. Light bar on ground color to be very nearly a positive white. Bars to cross the feather at right angles to the quill, or straight across and to be clean cut and sharply defined so as to give a strong contrast of the two colors in that portion of the plumage that constitutes the surface color. Color of the Bars of the Plumage in the Male and Female to be the Same.

"Bars of the Plumage of the Male

"The dark bar shall be narrower than the corresponding or contrasting light bar or ground color, throughout the surface color of the bird, giving him the appearance of having a lighter shade of color than the female. The feathers of the hackle, wingbow and saddle in an adult bird shall end in a sharply defined dark tip.

"Bars of the Plumage of the Female

"The dark bar shall be slightly wider than the corresponding or contrasting light bar or ground color, throughout the surface color of the bird, giving her the appearance of having a darker shade of color than

the male. The feathers of an adult bird shall end in a sharply defined dark tip in every section of the bird.

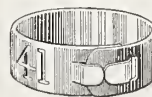
"Surface color and barring, always to receive consideration over under-color and barring."

Charles H. Latham has made a valiant attempt to describe in words what he believes to be the correct color marking of the Barred Plymouth Rocks. Others have attempted this difficult task in the past, but none have succeeded in putting into words a color description that was entirely satisfactory to all breeders of Barred Plymouth Rocks, and we doubt whether one will ever be written. Prof. A. C. Smith, formerly manager of Grove Hill Poultry Yards, once remarked: "Something most difficult to describe to one's own satisfaction is the plumage of a Barred Plymouth Rock. We all agree that we know what we want, even if we can not tell

Great Annual ONE DOLLAR Sale Now On



Photo Literature Free. JOSEPH F. CARTER, Elmira, N.Y.



The FAVORITE BAND is made of heavy aluminum. Has smooth edges, locks with two clinches. Numbered with large **RAISED FIGURES**

PRICES: 12 for 15 cents; 25 for 25 cents; 50 for 40 cents; 100 for 65 cents.

CHAS. L. STILES 230 N. Third Street, COLUMBUS, OHIO



DAY-OLD CHICKS--Healthy, vigorous, from heavy laying stock. Guaranteed satisfactory. Place orders Now. *Hatching Eggs, Breeding Stock*--S. C. White Leghorns, White and Barred Rocks. All eggs and stock **GUARANTEED**. Write for big new catalog: "Tywacana Quality." It gives much information of value to poultrymen. It's FREE. **TYWACANA FARMS POULTRY CO.**, A. E. Wright, Supt. Box 60, Farmingdale, Long Island, N. Y.

GREENS' GOLDEN FEATHER STRAIN *ROSE COMB BUFF LEGHORNS SINGLE COMB*

Perpetual Layers. None Finer, ever produced. Golden Rule Policy. Live and Let Live, \$100 Reward for every dissatisfied customer in 25 years.

Illustrated Mating List Free

H. B. GREEN,

DIXON, ILL.

STOCK, EGGS and BABY CHICKS FOR SALE Great Winners Great Layers

Great Payers

DO YOU BREED

"SUNSWICK STRAIN"

S. C. Buff Orpingtons and Buff Orpington Ducks

Or just ORPINGTONS?

The Great Buff Orpington Specialty Breeders of America

Sunswick Poultry Farm, South Plainfield, N. J.

Rufus A. Delafield, Owner

Send for Mating List and Catalogue

Inspection Invited

BABCOCKS BABY CHICKS



White Rocks S. C. White Leghorns White Orpingtons Capacity 100,000 Annually

The grandest chicks and eggs for hatching in the world are produced from our celebrated strain of heavy-laying, utility and exhibition stock. All breeders are reared on fine unlimited range. Every CHICK and EGG guaranteed to arrive in perfect condition. You simply cannot go wrong by starting with the magnificent, bred-to lay hustlers from the



BABCOCK POULTRY FARM, Box W, FREDONIA, N. Y.

Chicks \$10 per 100 and up; Eggs \$5 to \$10 per 100; Catalog Free; Orders Booked Now for Prompt Shipment.

it." We believe this is Mr. Latham's case when he attempts to express in words what he knows he wants in color markings. It is perfectly clear to him and to those who follow Mr. Latham's feathered models in the



SILVER LEGHORN PULLET

Although an old variety of the Leghorn, the Silver Duckwing are not bred as extensively as their good qualities should demand. Among the few who have been long identified with the variety is Thos. Peer, Caldwell, N. J., and he has produced some very remarkable specimens both as to type and color.

breeding and exhibition pens. Personally, we like his color descriptions and believe them to be beneficial to the breed, although some objections may be made to the demand for dark tips, no less an authority than Judge W. S. Russell stating that he was not in favor of having dark tips in hackle, saddle, back and wingbow of the male and doubts whether one was ever bred with such tips.

Mr. Latham sent us some feathers from a pullet bred male that show in surface color and barring very closely to what he would consider a good type of Standard color. These feathers are reproduced on page 491 (See Fig. 1), by the photo-engraving process without being retouched. Mr. Latham in commenting on this much desired surface color as shown on these feathers remarks: "But to get this we must sacrifice under barring—at least I always have had to do it. You will notice the parts that are really the outside or surface color have the dark bar, narrower than the white bar. ALSO NOTICE THE FEATHERS END IN DARK TIPS. We are demanding dark tips to the feathers of the hen and to get them we have to use a male that has good work, along the same lines. I have seen some tipping on breast feathers of quite a number of males, but most specimens lack the dark tip in breast. Note how clear cut and sharp the bars are on surface. Now if we take away from them to make the underbar better, we always lose. We seem to be obliged to divide it up and I would rather put it in the surface work. These feathers are from a cock that I bred specially for surface barring."

Thus we find the doctors disagree, Dr. Russell opposing the dark tip while Dr. Latham favors it. This will be one of the bones of contention, when the Barred Plymouth Rock committee on Standard Revision meet and there will be several other bones to pick before that committee completes its labors.

SURFACE COLOR MORE VALUABLE THAN UNDERCOLOR

The last clause of Mr. Latham's proposed Standard deserves very careful consideration, as it is one of the most important changes offered. In January, 1911, AMERICAN POULTRY WORLD, we expressed our views on under-color as follows:

"Too much importance has been given under-color of most breeds, and to under-barring of Barred Plymouth Rocks in particular. The specimen that fills the eye as an ideal in surface color, barring and shape, is the bird

that appeals first, last and at all times to the real fancier, and we will add to the visitors at poultry shows. The under-color appeals chiefly to the breeder and judge who forget the surface for the hidden wealth of barring and color underneath. Let a specimen be narrowly barred to the



A Bargain Collection of FLOWER SEEDS FOR 12 CENTS

10 choice varieties, all new, fresh seeds, sure to grow and bloom this season. Fanny, 60 Colors; Phlox, 10 Colors; Verbena, 18 Colors; Pinks, 12 Colors; Petunia, 10 Colors; Asters, 12 Colors; Poppy, 8 Colors; Stocks 10 Weeks, 8 Colors; Mignonette, mixed; and Sweet Alyssum. The 10 Packages only 12c, a specimen copy (worth 10 cents) included of

EXTRA FREE

with each order for this Bargain Collection, a specimen copy (worth 10 cents) included of

GOOD POULTRY

a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10 cents a copy; 25 cents a year. Agents wanted, write today.

SHOREWOOD FARMS CO., Saugatuck, Mich. City Office — 11 N. Market Street, Chicago, Illinois

Light & Dark Brahmas - Imported London Winners

Eggs \$2.50 per 15, \$10 per 100. A few Breeders for sale. "Owens Farms" R. I. Reds, White Wyandottes, Barred Rocks. "Young's" White Leghorns, "Grove Hill" Brown Leghorns. Eggs and breeders for sale. Mating List free.

F. M. PRESCOTT.

RIVERDALE, N. J.

HOOSAC FARMS

ROSE COMB REDS

S. C. WHITE LEGHORNS

JOHN MITCHELL, Mgr.

3000 Breeders and Layers. Exhibition and Utility. Color and Vigor. All Stock Farm Raised. First class laying and breeding stock always for sale. We have installed a Candee Mammoth and we are now booking orders for Baby Chicks and Eggs for Hatching. Orders promptly filled. Address

HOOSAC FARMS, James Mitchell, Mgr.,

HOOSICK FALLS, N. Y.

Member R. I. Red Club of America.

SINGLE COMB BUFF LEGHORNS

I am offering breeding cockerels at \$3.50 and \$5. Cock birds at \$5 and \$10, all from my winning strain of Buff Leghorns. Prices are low but quality high. If you are interested in a strain that produces winners every year let me hear from you.

VALLEY VIEW POULTRY FARM, Rodney Knapp, Prop., R. D. 3, BINGHAMTON, N. Y.

Get 100 Per cent Hatches



The hatching season is here. Every day you wait from now on means loss to you! You don't want to experiment. You want an incubator that will hatch every fertile egg. Write me today! I'll tell you how to get 100% hatches with my

Six Times World's Championship Winner Belle City Incubator

I will send you the proof how just ordinary men and women without previous hatching experience, get 100% hatches with my World's Champion Belle City Incubator by following my instructions. You can do it too, just as easily! Let me tell you how the U. S. Government investigated my incubator and is now one of my 201,840 Belle City users! One, two or three months' home test! 10-year money-back Guarantee! Freight prepaid East of Rockies—allowed that far to points beyond.

My 140-Egg World's Championship Belle City Incubator has Oakes double disc self-regulator, correct hot water heating system, copper tank and boiler, safety lamp, double walls and double door, with dead air space all over, with roomy nursery and strong egg tray. Tycoos thermometer. I also supply egg tester, Edw. Miller sun hinge burner, funnel, everything you need including valuable instruction book on operation, hatching and care of chicks. My famous 140-Chick Belle City Brooder is the only double-walled, hot water, top heat brooder made, guaranteed to raise the largest percentage of chicks.

Just Drop Me a Postal Today!

Don't wait any longer! I will send you by return mail the proof that my World's Champion Belle City is the Incubator that will pay handsomest returns! If you're in a hurry—if you don't want to wait for all this proof, you can order direct from this advertisement. I tell you how my machines are made, and give you my money-back guarantee. The editor of this paper, or any bank or express company will tell you your money is perfectly safe and that I'll do just as I say I will. I ask you to send only \$7.55 for my 140-egg 6-time World's Champion Belle City Incubator—the best you can buy at any price, or \$4.85 for the 140-Chick Belle City Brooder. Order both together and save more money at my unbeard-of low combination price—send only \$11.50 for both.

Don't turn this page without writing to me. Be sure to write me today. Just say, "Send World's Championship Hatching Facts"—or order now and save delay. I guarantee to ship machines the same day your order is received. Satisfaction guaranteed. Address Jim Rohan, President

Belle City Incubator Co., Box 117, Racine, Wisconsin



skin, and it will appeal to the under-color crank and often win, albeit its surface color is two or three shades too dark, brownish or leaden in cast with legs and beaks that would look better on a White Orpington than on a Barred Plymouth Rock. The breeders or judges who favor such birds have simply gone daft over the barring and forgotten all about surface color and shape. As one old breeder remarked to us some ten years ago: 'If this craze for under-barring continues, we will be compelled to have the feathers of Barred Rocks barred to the giblets in order to win under our specialist judges.'

One of the most careful breeders of Barred Rocks on the Pacific Coast and a very close student of mating and breeding for exhibition and utility properties, only recently called our attention to the danger attending the production of very dark and many barred feathering of the undercolor, as the pin feathers of specimens of the latter are apt to be black, which is a most serious defect from a market standpoint. Light under-color will improve not only the appearance of the skin of the dressed fowl, but preserves the desirable yellow color of the shanks and feet.

But whether the new color standard for Barred Plymouth Rocks advocated by C. H. Latham and others will make it possible to breed equally good cockerels and pullets from one mating, we are not prepared to admit. That it will make the breeding Barred Plymouth Rocks more satisfactory and increase the popularity of the breed, we do not doubt. That is why we believe the best interests of this grand old fowl, once the most popular in America, will be conserved by adopting this new color Standard and consigning for once and all times the suicidal proposition to burden the American Standard of Perfection with two varieties of Bar-



To make a success of duck raising it is necessary that they be disturbed as little as possible, as any excitement greatly effects the egg yield. The above view of a few of the breeding ducks at Pen-Y-Bryn Farm, Box 36 W, Ambler, Pa., would indicate how carefully Mr. Tiffany, the superintendent, had looked after the comforts of his ducks. A pond in the borders of the woodland makes an ideal place, and supplies conditions under which the breeding ducks should do their best.

red Plymouth Rocks. The extreme double matings now in vogue are slowly but surely removing the Barred Plymouth Rock from the list of popular varieties and making it a fancier's fowl pure and simple. The fate of the once popular and beautiful American Silver Wyandotte should prove a warning to all advocates of extreme double matings for the purpose of producing a minimum amount of exhibition males and females and a maximum amount of culls.

STANDARD COLOR IGNORED BY BREEDERS AND JUDGES

Granting that the new color description proposed by Mr. Latham becomes a Standard requirement, will breeders and judges abide by it or will they, as in the past, follow their own ideals regardless of the Standard? The col-

or description of Barred Plymouth Rocks in the present American Standard of Perfection is a good one. It describes the modern exhibition male and female in plain English and if breeders and judges would select the prize winners by the Standard instead of counting the number of bars on each feather regardless of the fact that brownish and metallic bars unduly numerous destroy the brightness of the surface color by minimizing the lighter bars, we would hear less about changing the color markings to save the breed.

When cockerel breeding hens and cockerel bred pullets can win blue and red ribbons in the open classes at leading shows, it is high time a halt was called. A notable instance of this departure from Standard color ideals occurred last season and will prove a



"PREMIER"
Partridge
Wyandottes
FOR UTILITY AND BEAUTY

Partridge Wyandottes are the **great utility** birds of the day, and are rapidly displacing the older breeds on account of their superior merits. As to the **fancy quality** of "Premier" Partridge Wyandottes, at the big shows last season *we won sixty-one first prizes out of a possible sixty-seven*, a record never equalled by any breeder. Our birds have won at New York, Boston, Chicago, Buffalo, Syracuse, Hagerstown, Allentown, Columbus, Indianapolis, Springfield, Brockton.

Eggs for Hatching Baby Chicks Breeding Stock

Send for the beautiful "Partridge Wyandotte Book" and 1913 Mating List, in which we offer valuable cash prizes to our customers.

Sheffield Farm,
H. B. Hark, Manager Poultry Dept., Glendale, Ohio

good object lesson to Barred Plymouth Rock fanciers who desire to maintain the true color markings of the variety. The feathers illustrated in Plate II (page 492) were plucked from a chicken last August and sent to us as well as to several other poultrymen for examination. They were pronounced good cockerel chick feathers. Yet this cockerel (?) proved to be a pullet that won second prize in the cockerel bred class at the last Baltimore show. The owner, C. H. Boschen, in returning the feathers remarked in his letter: "This pullet put one over on you as well as nearly every one in this town."

We acknowledge the corn and will add that this pullet put one over on the Standard also, as no such color markings are described in the latter.

The offering of prizes on cockerel and pullet matings in our opinion is injuring the Barred Plymouth Rock. It might be termed a prohibitive educational exhibit, which benefits a few only. Even the advocates of these extreme cockerel and pullet matings will admit that the proportion of really top-notch exhibition cockerels and pullets from these matings is very small. And one of the leaders of the Barred Plymouth Rock fancy in America aptly, if not intentionally, described the system of breeding when he placed a card on the pen of an exceptionally grand specimen, on which was printed: "These come in clusters of ONE." Certainly a well mated pen of Standard colored females and male could do no worse than that.

When the late Judge Scudder placed the blue ribbon on Mr. Colby's Barred Plymouth Rock cockerel at the Madison Square Garden in 1894, several breeders exclaimed that the bird was too light in color and claimed it was a pullet breeder. Notwithstanding all this adverse comment, about every Barred Rock fancier at that show was willing enough to own the cockerel, in fact, he was sold at a long price to one of the leading breeders in the East. This cockerel to the unprejudiced observer came nearest to being a blue Barred Plymouth Rock male of any ever seen at the Garden. His color was very bright and the barring exquisite, the absence of the metallic sheen and brownish tinge being a striking feature.

In discussing Barred Plymouth Rock color with several expert breeders in the West the past winter, we found an almost unanimous desire on their part to brighten and lighten the color of both males and females, but as one old fancier remarked: "What's the use if eastern judges place the awards on the dark and many barred specimens."

Perhaps the Standard of 1915 may describe more accurately the number and width of the lighter and darker bars in the different sections of the male and female, and if it does, it will be up to the judges to obey the Standard law and ignore the fads and freaks of breeders and exhibitors.

*** Saves you dollars—Our Clubbing Catalogue—Send a card today, euro ***

PRUDHOMME'S CAMPINES

Are everlasting layers of large white eggs. My Campines or their eggs were prize winners at Frederick, Hagerstown, York, Allentown, Washington, Baltimore, Philadelphia and New York. Why I breed Campines, why you, or your boys or girls should breed Campines. My booklet tells you, it is free, send for it.

DR. J. H. PRUDHOMME.

Desk B,

THURMONT, MD.

Eatons Life Saver

The World's best ration for the successful rearing of **Baby Chicks**
This well known brand has never failed to give satisfaction.
OUR BOOKLET FREE.
Your Dealer or **R. D. EATON GRAIN & FEED CO., Dept. C, Norwich, N. Y.**

Little Chick Food

A Gold Mine of Information To Every Poultryman

FREE



HERE'S a book that paves the way to success in the poultry business.

It tells you all you should know about incubators and brooders. Tells you what kind of foods to buy; the different remedies to use in time of need; the experiences of those who have "made good."

Book also gives valuable information to beginners and old-timers; *pictures* and *describes* the different kinds of Standard Bred Poultry; lays bare the secret of my success and knowledge gained through 25 years' experience as a poultry raiser and incubator manufacturer.

The reason why I send this Big Book FREE is because it also tells all about my



J. W. Miller, President

IDEAL INCUBATORS and BROODERS

This book is not for curiosity-seekers, but for men and women who are interested in poultry for pleasure or for the profit there is in it.

Every year I try to do what I can to help others on the road to success. Last year I cut the price of my world-famous hatcher to the lowest price ever put on an efficient, dependable, sure-profit paying incubator. This year, I go still further and besides selling my incubators for *less money* than ever sold before.

I Pay the Freight and Give You An Unqualified Guarantee

This unusual offer is not on an incubator made up for the purpose, but is quoted on the regular sizes of the Ideal Incubators and Brooders, same as those thousands of poultrymen have obtained 95%, 98% and 100% perfect hatches from.

If you are seriously thinking about spending your good money for an incubator, look into the merits of my "Ideal."

My "Ideal" is built with a heating and ventilating system that automatically regulates moisture. It has a hot water system that's perfect, a regulator that will not allow temperature to vary one-half a degree, the best nursery advantages, the handiest egg tray, the record for successful hatching, etc.

When writing for my Big Poultry Book, tell me whether you are interested in a 60, 120, 175, 240 or 360-egg incubator and I'll quote you my special low-price, freight prepaid introductory offer which includes everything. There are no extras to buy. You get the Ideal Incubator complete, ready for your eggs, so you can make big profits from the start.

Write for Book At Once

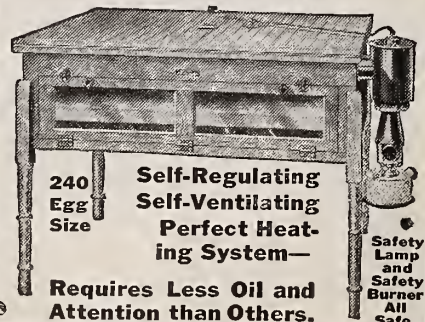
Supply is limited; first come, first served.

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

Also Mfrs. of Ideal Grain Sprouters. Get prices.

J. W. Miller Co., Dallas, Texas

The Chas. H. Lilly Co., Western Distributors, Seattle or Portland



Safety Lamp and Safety Burner All Safe.

SUCCESSFUL METHODS OF RAISING CHICKENS

By LeRoy E. Sands, Hawley, Pa.

(Continued from page 493)

that are supplied with adaptable hovers. This makes one change in the growing time. They are kept in the colony houses until time to put in winter quarters. Changing chicks from house to house must be done with lots of care; watch them closely so they do not crowd, as their new place bewilders them the first few nights and watchfulness until they become accustomed to their new home will save many if not all. Don't crowd them at any stage, if you do, the crowding will tell with loss of growth and a furry looking lot of undeveloped chicks; sixty in a brooder is plenty, you will not gain anything by putting in more. After they get old enough to roost one hundred or more with good yards or free range will do well. Free range is where houses are well separated on a farm of several acres; this putting several houses on a place with a few feet between them with unlimited range does not get the results we are after, for the youngsters will feed almost all together and they will not range far away from their roosting quarters; we simply have them all running over a small territory while if houses were scattered over the farm, a greater area of range would be used.

COCKERELS AND PULLETS MUST BE SEPARATED

Be sure and separate the sexes as soon as the cockerels begin to annoy the pullets. If this is not done, growth and development is seriously checked. Don't ever lose sight of the fact that they are getting larger and need more room and air. There are many ways of feeding that will give good results, but the one outlined in the foregoing is simple and I have for several years raised a large percentage of the three thousand that I hatch for my own use. It takes study and the exercising of good judgment along with a willingness to look after a numerous amount of small details to raise good chicks that will prove a delight and a valuable asset to a plant.

POULTRY RAISING PROPERLY CONDUCTED A PAYING INVESTMENT

Poultry raising if carried on properly gives a good return for the money if judiciously invested. I would not advise any one to enter the business as an investment only, as it positively requires one who is really and truly in love with the birds to make a permanent success.

My plant was started several years

ago as a side issue to other business interests and I soon learned that with careful management and plenty of hard work that it could be made to pay a handsome profit. Health and vigor were made the first essentials in the breeding stock and I believe these have been the foundation of my success. The main aim was the production of eggs for market and naturally I turned my attention to increasing the egg yield; breeding birds were carefully selected with this end in view and a very substantial increase per capita has been noted. Although this has been gradual, I now have a

* * * All varieties of water fowl described in the book "Ducks and Geese," seventy-five cents per copy postpaid * * *

SUNFLOWER

Every poultryman in America should grow sunflowers for two reasons, shade and feed. The Mammoth Russian, largest of all varieties, show and most profitable to grow in the poultry yard or garden. We offer select seed, clean and good, of this wonderful Sunflower, one pound, 25 cents, postpaid. With every 25 cent order we will include free a copy of the latest issue of

GOOD POULTRY

a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25 cents a year. Copy free with every 25c order for Sunflower seed. Every poultryman needs it. Agents wanted, write today. SHOREWOOD FARMS CO., Saugatuck, Michigan City Office - 11 N. Market Street, Chicago, Illinois

Terwilliger's R. C. Black Minorcas after 18 years of careful breeding for egg producers. Have again in 1912 as in 1911 proven their claim of equal to the best by making 5 shows winning 21 firsts, out of a possible 23 and every 2nd and 3rd covered including Palace Show where they won every place covered by them. Cocks and Cockerels for sale and hatching eggs in season. Mating List on request.

MILLWOOD, N. Y.

WHITE CRESTED BLACK POLISH - BUFF WYANDOTTES

Grand Catalogue and Mating List Free.

CARPENTER & CARPENTER, EAST RANDOLPH, N. Y.

MY FIRST PRIZE COCKEREL WON ALLENTOWN FUTURITY

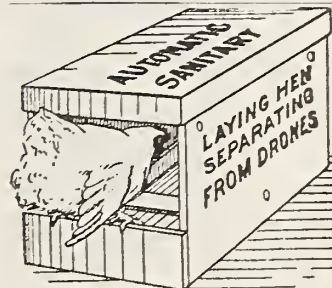
Mr. Tracy said he was the best Rose Comb Cockerel ever shown at Allentown and he is the result of 16 years of careful breeding. Rose Comb Rhode Island Reds are my speciality. Eggs for hatching from this Futurity Champion Cockerel and 1 five other pens of grand birds. Send for booklet showing matings and winnings. Address

LOUIS ANDERSON, BLOOMSBURY, N. J.

- BUY GOOD PRINTING - IT PAYS -

How often do you see printing that is better than yours. Poor printing is expensive at any price. People seeing only your advertising put your goods on a par with the advertising, so get in line and use good printing matter, I make a speciality of printing for the poultryman, who is particular what he gets. Send for prices and catalogue and let me convince you that I can please you.

J. A. SWARTZ, The Poultryman's Printer, CHICAGO JUNCTION, OHIO



Automatic Sanitary Trap-Nest

Made of sheet metal, vermin proof, strong and durable. Requires no attention. Operated exclusively by hens, separating layers from drones, cheapest, best, simplest. Write for free booklet or agency.

Automatic Sanitary Trapnest Co., Duluth, Minn.

Get in Touch with the British Fancy

BY READING AND ADVERTISING IN

"THE FEATHERED WORLD"

England's leading poultry weekly; specimen copy free, on receipt of a post-card (2 cent stamp) from Dept. P. S., 9 Arundel St., Strand, London, England. Annual subscription 2 dollars 75 cents. From the same address, for 40 cents in paper cover and 66 cents in cloth cover you can obtain

THE FEATHERED WORLD YEAR BOOK, 1913

A veritable encyclopedia on poultry and pigeons; 768 pages with about 150 photographs of the great prize winning birds of the past show season. To American fanciers this annual review and breeders' directory of the British Fancy is invaluable.

THE ONE GREAT POULTRY PAPER OF AMERICA

American Poultry Journal

OF CHICAGO, ILLINOIS

10c a copy; \$1 a year; ask you newsdealer

American Poultry Journal, 540 So. Dearborn St., Chicago, Ill.

flock that will average, good, bad, and indifferent included, twelve dozen eggs per year per head.

I have never attempted to breed exhibition specimens, but have always kept close to standard requirements in selecting breeders. I have done some advertising and have found it profitable as I am gradually building up a trade in eggs for hatching and day-old-chicks, and the advance in price for this product, over the prices obtainable for the commercial product alone, adds greatly to the profits. It makes a market and creates an outlet for your product at a season of the year when egg production is the greatest and when commercial prices are on the decline.

MAMMOTH INCUBATOR PROVES PROFITABLE INVESTMENT

Two years ago I installed a mammoth incubator to enable me to hatch the largest number of chicks at one time and to have my pullets all reach laying maturity at nearly the same time. It has proven one of the best investments I have made. I have not only been enabled to do my own hatching in a shorter period with less care and expense, but have been permitted to hatch thousands of extra chicks to be sold direct from the incubator. In this way alone it has paid for itself over and over.

In closing I wish to say to all readers that there is plenty of money to be made with chickens, but poultry raising is not a "get rich quick" occupation as many writers would lead us to infer. If you possess plenty of good judgment, in other words, "common sense," and are willing to work you will get your reward if the precepts here outlined are followed. The greatest stumbling block that most of us meet is in raising the chicks; so always bear in mind that you must start in the breeding pen to develop your chick. With the proper start here and common sense the balance of the way you should make the attempt spell S-U-C-C-E-S-S.

ARTIFICIAL INCUBATION

By W. A. Wolford

(Continued from page 495)

VALUE OF IMPROVED TYPES OF POULTRY HOUSES

With the improved types of poultry houses that are meeting the approval of all practical breeders and are proving their virtues daily, there is no reason why we should continue to impose upon our flocks by requiring them to inhabit damp, crowded, poorly ventilated quarters during the long winter months. There is no better time to bring about the change and to make alterations in your buildings than during the coming summer.

With proper housing conditions provided, attention should be turned to the proper methods of feeding. Too many of us expect too much of our hens. The extremely high price obtainable for eggs early in the season leads us to strive for a heavy egg production during the period of high

prices with the result that later on when we depend upon the same birds for hatching eggs, it is found that the vitality has been over-taxed and what few chicks are produced are weak, puny, little things. Proceeding still in the old rut, we nurse these weaklings along and they find a place in the breeding pens the following season, Result: A further impairing of vitality and consequently a step nearer failure.

Birds to be used as breeders should be carefully selected from the most vigorous specimens in the flock; should be housed in a house provided for the purpose; should be fed in a manner not calculated to stimulate egg production, but in a way to keep them in good physical condition. At

No Guess Work With a "Tycos"



It does the essential thing with perfect correctness—it registers the temperature in the egg chamber just as it is. A "Tycos" Incubator Thermometer makes no mistakes; it is always accurate. You have to break a "Tycos" to destroy its accuracy. It is "aged" and tested before sold. That is why every "Tycos" is dependable. Send for Free Booklet, "Incubator Facts". "Tycos" Incubator Thermometers, each \$.75. Incubator Hygrometers, each \$1.50.

Taylor Instrument Companies Rochester N. Y.

Michener's Blue Ribbon Strain Buff Rocks

Won 12 prizes on 14 entries at Chicago, Ill., Youngstown, Ohio, [State Buff Rock Club Show] and Wooster, Ohio. No more stock for sale. Eggs from four Grand Matings at \$5. per 15. Circular free.

KARL MICHENER, Life Member A. P. A., Member Buff Rock Club, **ORRVILLE, OHIO**

STEWART HADDOCK'S

S. C. White Leghorns at Albany, 1913

won 11 regular and 4 special prizes. Best display and best pullet in show.

SUPERB BREEDERS AT SALE PRICES

All stock bred for egg production. No order too large or too small.

SATISFACTION GUARANTEED

Eggs for hatching from exhibition and utility matings. Don't delay, order at once.

WRITE FOR CATALOGUE

STEWART HADDOCK, Grannock Farm, **Box 6, POUGHKEEPSIE, N. Y.**

"Well Begun is Half Done"

Begin your chicks with the right feed and you'll double their chances of becoming profitable poultry.

H-O Steam-Cooked Chick Feed is a carefully prepared mixture of the finer grades of Corn, Cut Oatmeal, Cracked Wheat, Kaffir Corn, Peas and Millet—steam-cooked in our mill by a special process.



H-O Steam-Cooked Chick Feed

The steam-cooking makes it just the food to bring the weak, tiny fellows safely through their early days.

Sold only in 10-lb., 25-lb., 50-lb. and 100-lb. bags. Each bag bears a tag showing the guaranteed analysis.

If you cannot get H-O Steam-Cooked Chick Feed, Intermediate Scratch, Scratch Feed, Poultry Feed, Dry Poultry Mash or Chick Feed from your dealer, write for samples and prices.

JOHN J. CAMPBELL, GENERAL SALES AGENT, **HARTFORD, CONN.**
The H-O Company Mills, Buffalo, N. Y.

the approach of the breeding season, the method of feeding may be changed slightly and something a trifle more stimulating can be supplied, that is a small amount of beef scrap can be allowed and the quantity of food may be increased as egg production increases.

BEST METHODS OF FEEDING

As to the best methods of feeding to be followed, I would refer you to the bulletins issued by the various state experiment stations. These bulletins are issued for free distribution and contain formulas of various rations, depending upon results desired. Application to one or more stations will furnish you with plenty of data upon the subject.

Another source of reliable information on feeds and feeding to produce best results when eggs are required for incubation is the valuable and interesting catalogues issued by the leading incubator manufacturers; like the bulletins mentioned in the foregoing paragraph these are free for the asking. Many of them, although issued for the purpose of describing the manufacturer's wares, may be termed a complete treatise on poultry raising and could be considered a good investment if a price were asked. With information of this character to be had for the outlay of one cent, spent for a postal card, there is no excuse for our making a failure of artificial incubation, or for that matter, poultry raising where hens are used as a method of perpetuating the species.

The incubator is responsible for the great progress made by the poultry industry during the last decade, and we owe an everlasting debt of gratitude to those individuals engaged in the manufacture of hatching apparatus, who have contributed so generously of their time and cash towards experimentation and study, that has resulted in the high state of perfection acquired in the art of artificial incubation. To them more than anyone else are we indebted for a billion dollar poultry industry.

DIFFERENT RATIONS FOR DIFFERENT BREEDS

By Fred C. Gabriel, South Bend, Indiana

[Continued from page 494]

and with us in the present has been, and now is, that we have not put our minds as carefully at work as the horseman and for the further reason that we have not banished prejudice from our minds but have given it full swing should we not like a breed because it had or failed to have, some pet hobby or obnoxious thing, color of legs, for example. As I say, we have let prejudice run our judgment and just as I, in the beginning, had Leg-horns and Plymouth Rocks together and found the Rocks laid best. How many—what a host had preceded me and have followed me in the years that have elapsed and how very wrong we all were. You can yet read in the journals experiences like mine and they are written in good faith, but they prove nothing except per-

haps the fact that the author had his lesson yet to learn. But back to the question of feeding. I do not intend to prescribe a formula and ask you to follow it. I am trying to leave that to you and am pointing out the reasons. If you get the fundamental principles in your head correctly you can, I am sure, make a ration from what you have.

The first thing to bear in mind is the lack of the over fat tendency (they may become over fat, I am speaking of the general tendency of the breed). This lack at once tells

CHARCOAL *For Healthy Profitable Fowls*
Feed our specially prepared Charcoal. Packed in paper lined bags of 50 lbs. We are the largest Manufacturers in America. *Special Price to Dealers.*
THOMAS KEERY CO., Dept. W, HANCOCK, N. Y.

Pasteur Laboratories Rat Virus

For the destruction of *Rats, Mice and Moles*, by a special virus which conveys a contagious disease peculiar to these animals. Harmless to human beings, domestic animals, poultry or game. Not a poison. 50 cents to \$1.50. *Introduced by us ten years ago.* If your dealer cannot supply you, order from us.
PASTEUR LABORATORIES OF AMERICA,
New York, 366 W. 11th St., Chicago, 413 So. Dearborn St.
Laboratoire des Vaccins Pasteur pour L'Etranger and
Institute Pasteur, Paris, Biological Products.

GENUINE RUNNER DUCKS (White Eggs)

I will guarantee 80 per cent hatch of strong, healthy ducklings or replace at half price any eggs from this farm. I have the U. R. Fishel, White Runners and English Penciled Runners, they are as good as any one has and better than the most. The prices are right.

THE CLEAR VIEW INDIAN RUNNER FARM, R. No. 1, EAST BLOOMFIELD, N. Y.

MAGENTA POULTRY FARM, Established 1898

SINGLE COMB and ROSE COMB RHODE ISLAND REDS

Eggs by settings or by hundreds. I have in my breeding pens for 1913, Madison Square Garden and Albany, N. Y., Boston, Springfield and Holyoke, Mass., winners. Fine breeding cockerels \$3.00, \$5.00 and \$10.00 each. Free Circular.

F. E. WOODARD, EAST LONGMEADOW, MASS.

The Uhl Day--Old Chick Hatchery



The Largest and one of the Oldest in America.

Now 150,000 Egg Capacity.

You cannot get better chicks at any price, as our customers have won many prizes. We furnish twenty of the most popular varieties, all first class stock. We can sell at the lowest prices, as we hatch large numbers. If you want any chicks be sure to get our catalog.

M. UHL & CO.,

NEW WASHINGTON, OHIO

The Hall Coal Heated Colony Brooder

If you want range raised chicks you cannot afford not to use Hall Colony Brooder.

Chicks Are Healthier

With the coal heated brooder there are no fires, no chilled chicks, no kerosene fumes. Greater indoor comfort and cleanliness and range afield result in chicks of superior vitality.

Three-Fourths of the Expense and Labor is Saved

Coal is a far cheaper fuel than kerosene and the Hall Brooder Heater requires less attention than a kerosene lamp. When you care for one Hall Heater you are attending to from three to four hundred chicks. A like saving is experienced in feeding, watering and cleaning.

Professor Rice of Cornell says: "The most expensive factor in rearing chicks is the labor required to handle the larger number of brooders when the chicks are kept in small flocks."

Loss from Moving Chicks Eliminated

When the chicks are old enough the brooder is removed and the chicks remain in the house until mature, avoiding both labor and the serious setback to chick growth that results when they are removed to strange quarters.

Write at once for our Catalog and prepare yourself to raise more and better chicks with less expense and labor.

THE HALL MAMMOTH INCUBATOR COMPANY

156 SOUTHERN AVENUE,

LITTLE FALLS, N. Y.



Three Hundred Chick Hall Colony Brooder with hover raised by counterweight. Note ease of access for cleaning.

us that we may with safety supply a food with more fattening properties—indeed to get the best results, we should. Don't over do the matter; it's very slight, this change, but like a degree or two of heat in an incubator it makes a world of difference.

PRODUCTION OF LARGE EGGS REQUIRE SPECIAL FOODS

The next thing considered is the enormous size of the egg laid. Certainly you should not expect the Minorca to turn out those great, big, white eggs in equal numbers with his little cousin, the Leghorn, on exactly the same amount of feed. Those big shells are not empty. They are packed full and to keep even with the game she must have enough extra food to fill the big shell. If this were not so you would be forcing her to assimilate her food more closely to extract the very last particles, and stinginess in feeding makes a stingy layer. Again she differs from the setting varieties in this: her build is long in body and in marked contrast with the setting type—all curves, no angles. It is this long body that is the key to the secret of the big white egg. Did you ever note the extreme long body of the duck and make the association of the big egg and the long back? Think it over.

Before I close I wish to say one thing more. A horse about to enter a race has been trained, conditioned, shod, harnessed and driven with wonderful skill. The brain back of the enterprise, is, and has been, working at high tension all the season *preparing, getting ready,* waiting, dreaming day and night of the home stretch and of victory. Should you start with your young chicks with the thought of success dominant and keep in mind the characteristics of the Minorca, you could surprise yourself and astound your neighbors. Remember you cannot feed Minorcas on Plymouth Rock ration and get the best results. Oil and water do not mix easily.

TRIUMPH INCUBATOR

The Bunker Hill Poultry Farm at Mankato, Minn., is owned by R. F. Neubert. This well-known poultry expert is engaged in more than the manufacture of Triumph incubators and brooders. His output includes poultry foods and supplies of all kinds, while his activities embrace the actual breeding of the finest birds.

In other words, here is an incubator manufacturer who is actually engaged in the general poultry business—knowing poultry requirements, skilled in the finer points of the the industry and backed by real, practical experience.

In 1893 the Bunker Hill "farm" was one small chicken house and a very limited piece of real estate. Today it is an immense poultry show in itself—a credit to the skill and energy of its founder. Mr. Neubert's friends declare that the success of Triumph incubators and brooders is natural, because it is built on such knowledge and experience. And thousands have come to know that the machines which hatch and protect fowls like the ones from Bunker-Hill Farm are profitable either for the professional poultryman or the amateur.

"Neubert," "Bunker Hill" and "Triumph" appear to be permanently linked as signifying poultry success. A catalogue describing and illustrating this interesting business is sent on request.

WADSWORTH & CASTER

Wadsworth & Caster, Wolcott, N. Y., send out a neat mating list of their high class Rhode Island Reds. This firm breeds both varieties, the Single Combs being of the famous Tompkins Strain while the Rose Combs contain the blood of the noted Bean-Tuttle Rhode Island Reds. The success of Wadsworth & Caster's Reds in the showroom last season is evidence of their fine exhibition qualities. Eight of their fine exhibition pens have been mated up for this season, from which eggs can be purchased at very reasonable prices, considering the high quality of the stock that produces them.

FLOWERS Things of Beauty For Garden and Lawn

Enough to beautify home surroundings. Every plant gorgeously beautiful. Hardy and easily grown and cared for. Think of it—24 plants produced under scientific methods—all for \$1, postpaid. 6 roses, 6 ferns, 6 carnations, 6 chrysanthemums. Better still, with every purchase you get a year's subscription to a quarterly magazine, selected to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 an acre on any farm from 5 to 100 acres. Poultry men and women are real fanciers and flower lovers. Good Poultry alone, 10 cents a copy; 25 cents a year. Free with \$1.00 order for this great collection. Or, for 25c we will send 6 plants of any one of above flowers and include a free copy of Good Poultry. Agents wanted, write today.

SHOREWOOD FARMS CO., Saugatuck, Mich.
CITY OFFICE, 71 N. Market St., CINCINNATI, O., ILL.

Feed Growing Chicks Right

They must be furnished with the right kind of material if they are to make satisfactory growth of muscle, bone and feather. Profit lies in quick growth and early maturity. Rush those cockerels to marketable size and turn them into cash before prices fall. Get the pullets completely developed and ready to fill the nests with fall and winter eggs.

Pratts' Baby Chick Food

contains just the necessary ingredients to give them during the first three weeks the best possible start, at a cost of 1c per chick. In boxes and bags, 25c, 50c, \$1 up. After the third week mix

Pratts' Poultry Regulator

in the ration to aid digestion and make the greatest gain for every pound of feed consumed. 25c, 50c, \$1. 25-lb. Pail, \$2.50.

"Your money back if it fails." Get Pratts Profit-sharing Booklet. Our products are sold by dealers everywhere, or

PRATT FOOD COMPANY

Philadelphia Chicago



More Fertile Eggs More Vigorous Chicks

IT HAS been demonstrated time and time again by Experiment Station tests and reports—that Meat Poultry Food is necessary for the greatest fertility of eggs. It has also been proved conclusively that the chicks from flocks fed with Darling's Meat Scraps are sturdier and more hardy than those of flocks nourished by grain feeds alone.

Darling's High Protein Meat Scraps Contain 55% Protein

and are the highest grade product on the market. Every ounce of Darling's Meat Scraps is absolutely fresh. Trimmings from roasts and steaks sold over the butcher's counter are picked up by our wagons the same day and cooked that night. In short, Darling's Meat Scraps are made from the fresh trimmings from the edible portion of the carcass. This gives uniform quality and sweetness.

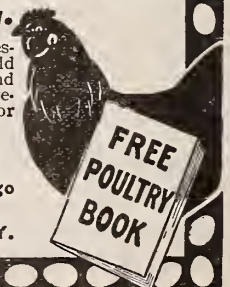
They are low in fat, and fine ground as recommended by both the Experiment Stations and practical poultry raisers.

Darling's Meat Scraps cost no more than goods of lower protein content. Insist upon Darlings 55% Protein Meat Scraps at your dealers.

Every Poultry Man should send for a free copy of our book on poultry feeding.

This book is replete with timely, helpful and specific suggestions and hints on the care and feeding of poultry that you should know and profit by. It tells how to increase egg production and egg profits. Whether you own 25, 50 or 500 fowls, you will be tremendously benefited by reading and studying this book. Write for your free copy today. Simply address:

Darling & Company
4205 Ashland Avenue - Chicago
The Van Iderstine Company
20 Railroad Avenue - Long Island City, N. Y.



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 45,000 copies during the year ending with April, 1913.

"BECOME IDENTIFIED WITH A WINNER."

ANCONAS

My ANCONAS have won firsts at Buffalo, Cleveland, Jamestown, Olean, Stock, Eggs, Chicks, Mating list free. Wm. S. Rathbun, 8 Kingsbury Ave., Jamestown, N. Y. 3-4-3

ANCONAS—Eggs from my great winter laying strain and prize winners at shows. \$2.00 per setting of 15 eggs delivered free up to one thousand miles of Youngstown, Ohio. Fertility Guaranteed. Ten years Ancona Breeder. A. J. Francis, Youngstown, Ohio. 3-4-3

Winegartner's Superb strain MOTTLED ANCONAS, bred to lay. Stock and Eggs for sale. G. T. & G. A. Winegartner, Box C. New Castle, Pa. 3-4-3

ANCONAS—Eggs for hatching from Blue Ribbon and Special prize winners and unexcelled layers. Member Ancona Club. Marion Hill, Geneva, N. Y., R. No. 4. 12-1-4

Eggs from our prize winning ANCONAS, the kind that keep the winning clip, show after show. Their ancestors have been winners for many generations. It runs in the family. A. B. Caldwell, Alledonia, Ohio, Box 10. 3-5-3

HAVE THIRTY BREEDING PENS of high class Anconas in our yards this season. Best strain. Illustrated catalogue free. J. O. Somers, Bedford, Ohio. 2-4-3

DUNNINGTON'S MOTTLED ANCONAS, heavy laying strain. \$2.00 per 15 eggs. J. W. Dunnington, Malta, Ohio. 3-5-3

SINGLE COMB MOTTLED ANCONAS. Best strains. EGGS \$1.50 to \$3.00. Mating list. G. H. Keeler, Bangor, N. Y. 3-5-3

ANCONAS—Single Comb, large dark birds, correct type, comb, legs and mottling. Eggs \$1.50 per 15, or \$7.00 per 110. Eggs \$2.00 per 15, or \$10.00 per 110. Stock for sale. Geo. C. Schwegman, Richmond, Ind. 4-6-3

ANCONAS—Splendid Egg Laying, prize winning strain. Two pens, size and quality unsurpassed. Eggs \$3.00 and \$1.50 per 15. Circular free. L. C. Bingham, Malta, Ohio. 2-4-3

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. 3-6-3

S. C. MOTTLED ANCONAS. Sheppard's strain, dark mottled, good layers. Eggs 8 cents each. \$2.00 per 30. Swatara Poultry Yards, Schuylkill Co., Pine Grove, Pa. 1-4-3

ANDALUSIANS

ROSE COMB BLUE ANDALUSIANS Stock and Eggs for sale. Joseph Roehrig, Maspeth, Long Island. 4-4-3

HIGH GRADE BLUE ANDALUSIANS. Eggs \$1.50 per fifteen. M. F. Mac Clymont, Friendship, N. Y. 3-5-3

BLUE ANDALUSIANS. I have 200 breeders of this beautiful variety. Won 140 ribbons at 14 of the leading shows in the United States and Canada, 1912-13. I breed single-comb Blue Andalusians exclusively. Have just imported a fine lot of birds from England. Won the \$100 challenge cup at Boston for the best male. Won cup for best pullet of all varieties at Bedford, N. Y. Won best pen, 65 competing, at Stamford, Conn. Send for mating list and prices. E. D. Bird, Appletree Farm, Greenwich, Conn. 3-4-3

BANTAMS

BANTAM SPECIALIST. Buff, Black, Partridge Cochins and Light Brahmans. I ship on approval—Circular Free. Geo. C. Salmon, Port Dickinson, N. Y. tf

RARE BARGAINS—Golden and Silver Sebright, Buff, Black, White and Partridge Cochin, Rose Comb Black, Red Pyle and Black Red Game Bantams, 1000 Birds. Proper & Son, Schoharie, N. Y. 12-7-13

BANTAMS—"Classy" Red Pyles, bred from best imported and home bred birds. Also Black Cochin Bants. Usually have a choice few to spare. Eggs in season. "Zim," Gloversville, N. Y. tf

BANTAMS:—34 varieties. Stock for Sale, Egg orders booked. Send 2c stamp for circular. A. A. Fenn, Box 44, Delavan, Wisc. 6-6-3

BLACK, BUFF AND WHITE COCHIN AND GOLDEN SEABRIGHT BANTAMS. Choice stock for sale. Minsi Trail Bantam Yards, Bethlehem, Pa. 4-4-3

America's greatest winning strain of BUFF COCHIN BANTAMS. Have pleased noted breeders and can please you. B. O. Schilling, Linden Road, R. F. D. No. 1, Rochester, N. Y. 12-1-4

Superb Seabrights, Rose Combs and Buff Cochin BANTAMS, stock and eggs. M. K. Miller & Sons, Pottstown, Pa., Breeders & Importers. 1-4-3

BLACK, WHITE, BUFF COCHIN, Light and Dark Brahma Bantams, winners of blue ribbons, cups, medals, etc., at America's largest shows. It will pay you to write me before buying. A. I. Paine, Whitman, Mass. tf

GOLDEN SEBRIGHT, BLACK COCHIN BANTAMS, prize winners. Nelson's, Grove City, Penna. 2-4-3

GOLDEN SEBRIGHT BANTAMS, cockerels for sale. Eggs for hatching \$2.00 per 15. Ravine Poultry Farm, Almond, N. Y. tf

BUFF COCHIN BANTAMS. Eggs \$3.00 per 15. Charles Jehl, Long Branch, New Jersey, winner 93 prizes New York Show. 3-6-3

ROSE COMB BLACK BANTAMS, show birds for sale. Evalena Witbeck, Burnt Hills, N. Y. 1-4-3

BRAHMAS

LIGHT BRAHMAS—Eggs from show birds and fast layers. Won five ribbons at Albany, 1913, on five entries. S. S. Newton, Ballston Spa, N. Y. 3-5-3

GIANT lay and weigh strain Light BRAHMAS. Satisfaction guaranteed. Settings \$2. Special pens \$3. M. H. Nolan, Stratford, Conn. 6-6-3

BUCKEYES

BUCKEYES:—3 firsts, 2 seconds, 1 fifth with color and shape specials at Boston 1913—35 firsts, 25 seconds in 2 years. C. R. Wheeler, Manchester, Conn. 3-4-3

WEISBERG'S QUALITY BUCKEYES, the leading strain of the best breed. Hardy winter layers, broilers practically free from pin feathers. Free catalogue. A. H. Weisberg, Nevada, Mo. 5-6-3

BUCKEYES, twelfth year, usual winning quality. Gardiner Dunning, St. Marys, Ohio. 2-4-3

BUCKEYES—Won all firsts and seconds at Indianapolis 1912-1913. Bert Macdill, 423 West 43rd, Indianapolis, Ind. 1-4-3

BUCKEYES: Bred and owned by Locust Hill Farm, North Augusta, S. C., have never been defeated. Have always won at every show, Best Display; First Pen, and Every Silver Cup offered. No other Buckeye breeder holds This Record. There's a Reason. 1-4-3

Weisberg's Quality BUCKEYES, the leading strain of the best breed. Biggest winners New York, St. Louis, Memphis, Sedalia. Free illustrated catalog. A. H. Weisberg, Nevada, Mo. 3-6-3

BUTTERCUPS

EGGS FOR HATCHING, \$2.50 & \$4 a setting. Choice cockerels that fit the proposed standard. Fred Fenn, R. D. No. 3, Torrington, Conn. 3-4-3

SICILIAN BUTTERCUPS of highest quality, none better. Enough said. 15 eggs \$2.00, 30 eggs \$3.75. Charles Bridell, Marion Sta., Md. 1-4-3

SICILIAN BUTTERCUPS, world's champion layers, lay large white eggs, very handsome and the tamest of all breeds of poultry. Large and eat only half as much as Leghorns. Thoroughbred stock for sale cheap. Hatching eggs \$2.00 per 15. Henry Woodworth, Box 505, Cheboygan, Mich. 3-6-3

IMPORTED SICILIAN BUTTERCUPS. Send for mating list. Infertile eggs replaced free. George Austin, Norway, Maine. 1-4-3

SICILIAN BUTTERCUPS. In three shows we have won 9 firsts, 8 seconds, 6 thirds and 6 specials for size, shape and color including \$10.00 in gold and silver cups. Great winter layers. Eggs \$5.00 for 15. Chicks after April 20th. Pearsons & Durfee, 51 E. Washington, Rutland, Vt. 1-4-3

BUTTERCUPS—The world's best. Eggs from my Youngstown blue ribbon winners \$5 for 15. As they run \$3. F. B. Deming, No. 30, S. Logan, Warren, Ohio. 1-4-3

CHANTECLER STRAIN BUTTERCUPS—bred on lines of new Revised Standard. We have the wherewith, not "back numbers" prize winners. Infertiles replaced. Circular. Chantecler Poultry Plant, Ulster, Pa. 1-4-3

CAMPINES

CAMPINES—For Kennedy's Improved Champion Strain see advertisement on inside front cover. tf

SILVER AND GOLDEN CAMPINES. Silver and Gold Penciled Hamburgs. Stock for sale. Some Madison Square Garden winners. Eggs for hatching in season. D. W. Pfautz, Box 262, Lititz, Pa. 3-5-3

SILVER CAMPINES—Jacobus strain. Pure white eggs from extra fine stock averaging 200 eggs \$2.50 for 15. Order at once for early delivery. Martling Hennery, Ridgefield, N. J. Box 180. 6-7-3

SILVER CAMPINES bred from Imported Stock and our Madison Square Garden winners. Eggs \$5.00 for 15. \$10.00 for 50—\$18.00 per 100. Hillcrest Farms, Oakford, Pa. 4-5-3

DORKINGS

RALPH CHANT, JOHNSTOWN, N. Y., Dorkings won 3 firsts, Madison Square Garden, New York, 1913. 3-4-3

SILVER GREY DORKINGS Exclusively 24 years. The very finest as our records show. More first and special prizes last 16 years than all my competitors combined. Eggs from grand matings \$4.00 per 13; \$7.00 per 26. Few fine birds to spare. Watson Westfall, Sayre, Pa. 4-5-3

DORKINGS, SILVER GREY—Forty years breeding of this unrivalled breed of poultry. Took 1st, 2nd and 3rd at New York City; Boston, first on cock, 2nd on cockerel and pullet, 1913. Write for stock. Eggs \$4.00 a setting, two for \$7.00. Henry Hales, Ridgewood, N. J. 3-5-3

DUCKS

All interested in Breeding and Rearing Ducks and wish to secure Book on all varieties and wishing to buy Indian Runner Baby Ducklings or Hatching eggs, see ad of M. L. Beebe, Chatham, N. Y., on page 571. tf

FAWN-WHITE AND PENCILED RUNNER DUCKS, bred to lay winners at Pittsburg, Columbus and Youngstown. No stock for sale. Booking orders for eggs—\$2. to \$5.00 per setting. R. F. Lower, Columbiana, Ohio. 3-4-3

WALTON PENCILED INDIAN RUNNERS—from importation of Mrs. Brooks. Eggs from Cumberland pens \$2.50 per 15. Also White Wyandottes. Circular Mrs. Harry Briggs, Honeoye, N. Y. 3-4-3

Prize winning Mammoth **PEKIN DUCKS**, Eggs \$1.00 per 12. Circular Free. J. E. Montgomery, Nashport, Ohio. 4-5-3

FAWN AND WHITE INDIAN RUNNERS. Fancy Stock, white eggs two dollars a setting of 11. Albert Ackerman, Allendale, N. J. 3-5-3

NINE REASONS WHY Indian Runner Ducks should be raised instead of chickens. Interesting circular free. Dr. B. Prudhomme, Thurmont, Md. 4-4-3

WHITE RUNNER AND MAMMOTH PEKIN DUCK eggs \$2.00 and \$1.00 per 13. All first prizes and silver cup in both classes at recent show. Orchard Grove Poultry Farm, P. O. Box 123, Anderson, Ind. 3-5-3

JERSEY STRAIN PEKINS, champions Waterfowl Club Meet, Baltimore, 1913, Madison Square, 1909. Eggs \$2.00 and \$5.00 setting. Circular free. Paul Springer, Bridgeton, N. J. 3-5-3

EGGS for hatching from Indian Runners. English type, pure white egg strain. \$2.00 per 13. Mrs. Floyd Pettibone, R. No. 2, Hornell, N. Y. 3-5-3

MAMMOTH PEKIN DUCKS, (Rankin) eggs from very large stock, \$1.25 per 12, \$6 per 100. Springbranch Poultry Farm, Bellville, Ohio. 3-5-3

INDIAN RUNNER DUCKS, free range, land and water, strong, vigorous two year old breeders. Walton and Brooks strain. Fawn and White. Prolific layers of large white eggs, \$1.50 setting 13 eggs. L. P. Church, Sterling, N. Y. 3-5-3

FAWN AND WHITE INDIAN RUNNERS—15 eggs \$2.00. Otto W. Breuhaus, Lowell, Ohio. 3-5-3

ENGLISH PENCILED INDIAN RUNNER DUCKS—My own importation. Write for circular. Beulah Maxey, New Berlin, Ill. 3-5-3

PURE WHITE INDIAN RUNNER DUCKS—Fishes direct, none better. Wonderful white egg layers. \$2 per 12; \$4.00-25; \$8.00-50; \$15-100. Strictly fresh layed. Henry Heitkamp, New Bremen, Ohio. 3-5-3

IMPORTED WHITE INDIAN RUNNER DUCKS—My imported ducks arrived Feb., 1913. I also have best American bred. First pen San Diego, Cal., 1912, first pen Idaho State Poultry Show, 1913. Eggs for sale. G. A. Koger, Meridian, Idaho. 3-5-3

FAWN AND WHITE INDIAN RUNNER DUCKS. Prize winners, heavy layers of white eggs. Eggs for hatching. C. H. Eckler, Ashtabula, Ohio 3-5-3

Cook's FAWN INDIAN RUNNERS, easily America's best. Stock reasonable. Eggs 12-\$5. Circugar, expert information and post card ten cents. Irving E. Cook, Munnsville, N. Y. 6-9-3

MAMMOTH WHITE PEKIN DUCKS—Standard bred, prolific layers, free water range. Eggs for hatching \$1 per 11, \$4 for 50. Howard J. Curkendall, Berkshire, N. Y. 3-6-3

COOKS' STRAIN FAWN AND WHITE INDIAN RUNNERS—Two seconds at Albany Show 1913. Eggs \$1.00-\$2.00 per 12, Ducklings \$.20-\$3.00 each. Hillside Farm, J. Harvey Ostrander, Chatham, N. Y. 1-4-3

BUFF ORPINGTON DUCKS, America's best. My customers have won Madison Square Garden, Chicago, Indianapolis. Catalogue free. B. O. Swain, Zionsville, Ind. 1-4-3

Eggs from prize winner, imported **ROULEN DUCKS**. 12 firsts at Chicago Show. Also Buff Rocks, imported White Malines. Send for price list. Mention Poultry World. Henry Schell, Prophetstown, Ill. 3-6-3

BUFF ORPINGTON DUCKS. Dunrobin Farm Strain. Eggs \$2 per 11. Mrs. William Marshfield, Marcellus, N.Y. 1-4-3

FAWN AND WHITE INDIAN RUNNERS, fancy stock from Madison Square winners. Eggs two dollars per eleven. Albert Ackerman, Allendale, N. J. 1-4-3

Eggs for hatching from **PURE WILD MALLARD** stock, three dollars per fifteen. Write for circular. Neville Poultry Farm, Kewanee, Ill. 2-5-3

ENGLISH RUNNERS White,—Eggs \$1.00. A. Depue, Delaware, N. J. 1-4-3

FAWN AND WHITE INDIAN RUNNERS—Horshbarger's White egg strain. American Standard. Drakes have light fawn heads and tails, \$1.50 per 15, post-paid, \$6 per 100. J. Warren Miller, Parker Ford, Pa. 3-6-3

FAVEROLLES

WHITE SALMON BUFF AND BLACK FAVEROLLES, stock and eggs for sale. From the very best strain, prices of eggs \$2.50 to \$5.00. C. E. Elliott, Zion City, Ill. 1-4-3

GAMES

EGGS for hatching from a grand pen Exhibition Red Pyle Games at \$5.00 per 15. Stamp for reply. F. G. Bouquet, Owego, N. Y. 3-6-3

GUINEA FOWL

PEARL GUINEAS—Eggs, \$1.00 per 15; \$2.00 per 36. J. L. Hoak, Spencerville, Ohio. 3-6-3

HOUDANS

ABERNETHY'S HOUDANS. Winners New York, Boston, Philadelphia, Hagerstown, Brocton, etc. They look well, win well, lay well. Better buy the best. Stock and Eggs reasonable. Jas. Abernethy, Main St., West Pembroke, Maine. tf

HOUDANS, Perfection Strain. Greatest egg strain in world. Cockerels \$2, \$3, \$5. Eggs \$2 & \$3 per 15. Jas. L. Lowrey, Van Wert, Ohio. 1-5-3

HOUDAN Eggs. Carefully mated birds including prize winners. \$3.00 & \$4.00 per doz. Aeberli Bros., 1507 Termon Ave., Northside, Pittsburgh, Pa. 3-5-3

HOUDANS, as they should be! More firsts, Pittsburgh Fanciers, Ridgway, Williamsport, Pittsburgh Exposition, than all competitors. Cockerels, eggs. Circular free. Dr. H. E. Dunne, Center Terrace, Ridgway, Pa. State Vice-President, American Houdan Club. 3-5-3

HOUDANS—Winners at Canonsburg, Pa.; Indiana, Pa.; Sewickly, Pa., and Pittsburgh Exposition. Write for mating list. D. R. Stitsel, 921 Kirkbride St., N. S. Pittsburgh, Pa. 3-6-3

SILVER CAMPINES—Importers—Breeders. Improved English type. Van Schelle—Jones and Edwards strains direct. First cockerel, Kansas City, Chicago, 1910. Second pullet Crystal Palace, 1912. No better anywhere, at any price. Seven years mating and specializing Silvers only. Booklet free. Thomas Keeler, Waverly, N. Y. 3-4-3

"STERLING" SILVER CAMPINES, Improved English Type. Eggs for hatching. Booklet Free. Dr. William W. Bush, Rushford, N. Y. 3-4-3

Imported Champion Strain **SILVER CAMPINES**. Stock and eggs. Rev. W. Berberich, Groton, N. Y. 3-5-3

SILVER & GOLDEN CAMPINES. Our birds have proven by their winnings that they are the world champions of them all. See our advertisement on cover 3. Manhattan Farms, Geo. E. Noeth, Owner, Brighton, N. Y. tf

Jacobus Improved **SILVER AND GOLDEN CAMPINES**. Original introducer of the Improved Campines into America. Don't waste time hunting up my display advertisement, but write for circular giving full information. M. R. Jacobus, Box 3-W, Ridgefield, N. J. tf

SILVER CAMPINES direct from Thomas Keeler's best yards. Eggs in season. Louis Westfall, Waverly, N. Y. 1-4-3

SILVER CAMPINES. Imported stock none better in America. Get your order in for eggs and S. C. Buff Leghorn eggs. E. A. Shults, Lawrence, Mich. 3-5-3

GOLDEN CAMPINES—When in doubt try Smith's up-to-date Golden, none better. Eggs in season, \$4 for 15. For description write to R. E. Smith, Afton, N. Y. 3-5-3

SILVER CAMPINES—Kennedy's Improved strain, everlasting layers of large white eggs. Eggs from choice matings \$5.00 per 15. No stock for sale until September. H. V. Bidwell, 19 Elmwood Ave., Newark, N. Y. 1-4-3

IMPROVED SILVER CAMPINES—Imported Jones and Kennedy stock \$5.00. Mating list. Frank Leslie, Niagara Falls. 1-4-3

SILVER BELGIAN BRAEKEL EGGS \$3.00 per 15. Ella Heflin, 400 Lincoln St., Sayre, Pa. 1-4-3

COCHINS

White, Black, Buff and Partridge **COCHINS**. Best blood in America. Always winners at big shows. Stock for sale. Eggs \$5.00. D. C. Peoples, Uhrichsville, Ohio. 1-4-3

D. L. Christian, Rocky Mount, North Carolina. **BUFF AND BLACK COCHIN** eggs \$2.00 per setting. See my winnings at Bethlehem, Augusta and Rocky Mount for the last two years. My Buff pen is headed by the first Baltimore cock. 3-6-3

CORNISH FOWL

"Ideal" **DARK CORNISH**, unsurpassed winners at all leading shows, for past four years. Eggs from best imported and domestic stock. Mating list now ready. Dr. W. A. Low, Catonsville, Md. 3-5-3

DARK CORNISH, Challenger Strain. Eggs for sale from four matings containing many noted winners. Write for mating list giving winnings, prices and reasons why "Challenger Strain Dark Cornish are "The Greatest Farmers' Fowls." Utility and show birds constantly on hand at attractive prices. Address Heartlands Farm, Box 352, Warrentown, Va. 3-6-3

DOMINIQUES

CARTER is the World's best breeder of genuine American Dominiques. Stock and eggs. Circular. A. Q. Carter, Freeport, Me. 3-5-3

OLD FASHIONED AMERICAN DOMINIQUES, winners at six shows 1912. \$2.00 for 15 eggs. Mrs. W. W. Howes, Old Chatham, N. Y. 1-4-3

DORSEY'S PURE BRED AMERICAN DOMINIQUES, won Buffalo and Jamestown firsts. Great layers. Eggs and chicks. E. J. Dorsey, 52, Leon, N. Y. 1-4-3

HOUDANS—Proprietor all Petersen's, also book 20c. Eggs, stock. Dr. Wright, Bolster's Mills, Me. tf

JUDGES

H. A. EMMEL, EVANS CITY, PA., LICENSED JUDGE. 3-6-3

LACKENVELDER'S

LAKENVELDERS won five firsts, Chicago, 1912. Send for circular. Frank Myers, Freeport, Ill. 3-5-3

LANGSHANS

Winners at Boston and other large New England shows. **ROBINSON'S LANGSHANS** Black, White. Fertility guaranteed. Write for mating list. Robinson's, West St., So. Weymouth, Mass. 3-4-3

LEGHORNS—BLACK

BLACK LEGHORNS' eggs from New York and Boston winners. Dr. L. C. Hess, Cobleskill, N. Y. 1-4-3

LEGHORNS—BROWN

LAMSON'S ROSE COMB BROWN LEGHORNS are bred to lay. Baby chicks from layers. \$15-hundred. Winners Madison Square and leading shows. Eggs for hatching. Circular. H. S. Lamson, Box C, Cameron, N. Y. tf

ROSE COMB BROWN LEGHORNS exclusively. Kulp 242 egg strain. Chicks and eggs from this noted heavy laying strain for sale. Write your wants early. C. H. Holt, Ilion, N. Y. 3-5-3

ROSE COMB BROWN LEGHORNS, great layers. Send for circular. W. H. Williams, Grafton Center, N. H. 3-5-3

ROSE COMB BROWN LEGHORNS—First cockerel and hen, Cornell University Blue Ribbon Show; three firsts and one second Flower City Show, Rochester. Splendid winter layers. Prize matings, three dollars for fifteen eggs, others one dollar. Stock for sale. F. C. Simmons, Waverly, N. Y. 1-4-3

SINGLE COMB BROWN LEGHORNS, 18 years selecting and breeding for heavy winter layers. Eggs \$1, 50, \$3, 100, \$5. Before buying elsewhere write Almond K. Dennis, Cameron, N. Y. 3-6-3

LEGHORNS—BUFF

Fiske's Rose Comb **BUFF LEGHORNS** have won more prizes at Madison Square Garden than all their competitors together. Catalogue free. Howard J. Fisk, Box N. Falconer, N. Y. 3-4-3

Ames Standard Line-bred **S. C. BUFF LEGHORNS.** Ten breeding pens. Book orders for Eggs and Day-Old Chicks. Choice cockerels for sale. Mating list free. O. C. Ames, Fredonia, N. Y. 3-4-3

S. C. BUFF LEGHORN eggs from prize winners at latest Boston, Providence and Worcester shows. George S. Whittemore, Leicester, Mass. 3-4-3

S. C. BUFF LEGHORNS, heavy layers, won 97 prizes last year. Eggs \$1.50 up. Catalogue free. Chestnut Hill Poultry Farm, Easton, Pa. 12-2-4

BUFF LEGHORNS—Single Comb Large Golden Buff Birds, type, comb & legs right. Eggs \$1.00 per 15, or \$5.00 per 110. Eggs \$2.00 per 15, or \$7.00 per 110. Stock for sale. George C. Schwegman, Richmond, Ind. 4-6-3

ROSE COMB BUFF LEGHORNS won 23 firsts on 26 entries, color and shape specials this season not years ago, at the Madison Square Garden, Grand Central Palace, New York, Philadelphia, all Eastern shows. Eggs and stock. Fred Bertram, Bound Brook, N. J. 1-4-3

ROSE COMB BUFF LEGHORNS, Madison Square, Grand Central Palace winners. Eggs for hatching. Write for matings. Dr. C. A. Stivers, 45 E. Main St., Middletown, N. Y. 3-6-3

Seek No Further Yards, **SINGLE COMB BUFF LEGHORNS,** some of best in State. Send for mating list. Let me prove my guarantee. Rochester, N. Y. 1-4-3

BUFF LEGHORNS, Rose, Single. See display ad. on page 577. H. E. Green, Dixon, Ill. 3-6-3

SINGLE COMB BUFF LEGHORN Eggs. From heavy layers, \$2 per set. Satisfaction guaranteed. Ben Newton, Park Avenue, New Philadelphia, Ohio. 3-6-3

GOLDENGLO SINGLE COMB BUFF LEGHORNS combine beauty and profit. 252 egg strain. Winners at the big shows. Eggs \$2 per 15. Comrade Poultry Yards, Bucyrus, Ohio. 1-4-3

LEGHORNS—COLUMBIAN

COLUMBIAN LEGHORNS, 1st and special Baltimore. 1st Providence R. I., and Special for best shaped Leghorn. Eggs \$2.50 per 13. B. Smith, Sta. F. Baltimore, Md. 3-4-3

LEGHORNS—SILVER

SILVER LEGHORNS—a specialty, 10 years a breeder of this beautiful variety, circular free. Sylvester Shirley, Pt. Clinton, Ohio. 12-2-4

LEGHORNS—WHITE

S. C. W. LEGHORNS—Hatching eggs, fertility guaranteed. Day old chicks, born with the hustle in them. Safe delivery guaranteed. Special sale mature cockerels, \$2.00 each. Mount Pleasant Farm, Mount Pocono, Penna. 6-5-3

VIGOROUS BABY CHICKS, S. C. WHITE LEGHORNS, Blanchard—Young's Strain, Standard Utility, Free range. Eggs for hatching, Circular free. Leon Niece, Stockton, N. J. R. D. 4-4-3

BABY CHICKS, S. C. WHITE LEGHORNS ONLY. Young, Rice and Cornell Exp. Stations, strains, from farm raised selected stock, \$10 per 100, after April 1st. Safe arrival guaranteed. C. F. Ingoldsby, Hartwick Seminary, N. Y. 4-4-3

Snow White Poultry Yards, Gregory's **SINGLE COMB WHITE LEGHORNS,** greatest winter egg producers, Eggs \$1.50 per 15; \$6.00 per 100. 90 per cent. fertility guaranteed. Baby Chicks 20c. \$15 per 100. J. E. Gregory, R. D. No. 4, Horseheads, N. Y. 3-4-3

Tomlinson' **S. C. WHITE LEGHORN** Eggs for Hatching, Cockerels and Breeding Stock. A Strong Strain of Heavy Layers, Raised under absolutely sanitary conditions. Everett R. Tomlinson, 414 East Main St., Batavia, N. Y. tf

S. C. WHITE LEGHORNS (Young's strain) Stock, Eggs and Day-old Chicks for sale. Eggs \$1.00 per 15; \$5.00 per 100. Day-Old Chicks 15 cents each. \$12 per 100. C. L. Stevens, Valois, N. Y. 4-5-3

S. C. WHITE LEGHORNS, Wyckoff and Young, pure and separate. Pens, Cockerels, Hens, Pullets, Chicks, March first. Eggs for hatching. Write for circular. Ralph C. Fox, R No. 4, Mansfield, Pa. 3-4-3

Wyckoff Strain Utility **S. C. W. LEGHORNS,** Eggs for hatching and day old chicks. All breeding hens trap nested. Clover Range Poultry Farm, South Branch, N. J. 3-4-3

S. C. WHITE LEGHORNS, Eggs for hatching \$1.50 per 15; \$4.00 per 50; \$7.50 per 100. Fairfield White Leghorn Yards, Amanda, Ohio. 1-4-3

SINGLE COMB WHITE LEGHORNS, Wyckoff Strain direct. World's greatest layers. Guaranteed to please. Baby chicks \$10 per 100, 12c each. R. H. Patterson, Panama, N. Y. 1-4-3

SINGLE COMB WHITE LEGHORNS, Utility and Exhibition stock. Bred to lay and win. Write for our mating list. Maple Glen Poultry Farm, W. Pawlet, Vt. 1-4-3

ROSE COMB WHITE LEGHORNS—Cockerels, Hens now. Baby chicks and Egg orders booked now. Circular. P. Augustin, 7 Orland, Ill. 3-4-3

Wyckoff's **WHITE LEGHORNS** exclusively. Raised in open front houses. Eggs and Chicks from two year old hens only, no pullet breeding. Write for terms. Satisfaction guaranteed. Oakdale Farms, Chester, N. J. 3-4-3

S. C. WHITE LEGHORNS, Eggs for hatching. All classes stock. Corning-Rancocas Strains, yours for a square deal. East View Poultry Farm, Barneveld, N. Y. 3-6-3

WILLCOX'S WHITE LEGHORNS, Continuously bred thirty years for practical and standard requirements. Winners wherever exhibited. Stock and Eggs. S. K. Willcox, Smyrna, N. Y. 6-6-3

WYCKOFF-BLANCHARD S. C. WHITE LEGHORNS, 20 years with these strains. Hatching eggs, day old chicks, great specialties. Largest orders filled promptly. Fully guaranteed. Very high grade breeding stock on approval. Finest males possible. Furnished foundation stock for Corning plant. Bound Brook, N. J., Circular. C. N. Reynolds, Canton, Pa. 3-4-3

S. C. W. LEGHORNS, eggs for hatching, utility stock, \$1 per 15, \$6 per 100, cockerels \$2 and \$3 each. Dodge Poultry Farm, Oakfield, N. Y. 3-5-3

TRAP NEST WINNERS BY 40 EGGS over the next best New England pen were my Single Comb White Leghorns at Storrs International contest. Eggs from mature stock \$6 hundred, \$1.00 for 13. Hens \$2.00 each. Don't delay too late if you want this kind. F. M. Peasley, Cheshire, Conn. 2-4-3

Wyckoff Heavy Laying Strain **SINGLE COMB WHITE LEGHORNS,** Eggs \$1.00 per 15, \$5.00 per 100. Chicks \$12 per 100. Warren N. Grant, White Leghorn Poultry Farm, Royalston, Mass. 3-5-3

SINGLE COMB WHITE LEGHORNS, "The Egg Kind". Eggs \$4.00 per 100, \$35.00 per 1000. O. Lundy, Route 1, Elmira, N. Y. 3-5-3

SINGLE COMB WHITE LEGHORN eggs for hatching. Two dollars per 15. Heavy laying strain. Chester J. Walker, Angelica, N. Y. 3-5-3

S. C. WHITE LEGHORNS, persistent layers that win. Systematically bred twelve years of prolific egg production. Winners at Boston, Buffalo, Auburn, Syracuse State Fair. Eggs, day-old chicks and stock. Prices right. Circular. Christy Farm, Box H, Cortland, N. Y. 3-5-3

Almendinger's **ROSE COMB WHITE LEGHORNS,** win at the leading big shows. Stock for sale. Eggs for hatching. Send for free mating list. A. F. Almendinger, 120 Park St., Buffalo, N. Y. 3-5-3

BULLY GOOD WHITE LEGHORNS—One customer got 17976 eggs in ten months from 100. Eggs, March, \$6 per 100, then \$5. George Phillips, Wakefield, N. Y. 3-5-3

HIGH CLASS SINGLE COMB WHITE LEGHORNS, Young's strain direct. Wonderful layers, 15 eggs, \$1.00; 50-\$3.00; 100-\$5.00; 200-\$10.00. Strictly fresh laid. Henry Heitkamp, New Bremen, Ohio. 3-5-3

ROSE COMB WHITE LEGHORNS—3 fine pens—each pen headed by a 1st Madison Square Winner. Eggs from the above pens \$3.00 per 15. Robert Kay, Liberty Corner, N. J. 3-6-3

S. C. WHITE LEGHORN CHICKS 10 cents each Hatched from Cornell Experiment Station's best trap-nested layers. Eggs \$5 hundred. Satisfaction guaranteed. Circular. Chas. Ingoldsby, Hartwick Sem'y, N. Y., (Near Coopers-town.) 1-4-3

SINGLE COMB WHITE LEGHORNS, Eggs for hatching \$5 per 100, from 200 select yearling hens, \$3-15 from 3 extra choice matings. All blue ribbon winners. Day old chicks, \$10 per 100. Circular. E. L. Lane, Trumansburg, N. Y. 3-6-3

BABY CHICKS, S. C. WHITE LEGHORNS, D. W. Young strain, \$10.00 per 100. Eggs and stock for sale. N. Frank Weed, Franklin, N. Y. 3-5-3

SINGLE COMB WHITE LEGHORNS, heavy laying strain. Eggs for hatching \$1.50 per 15. Stock for sale. Tremont Poultry Yards, 560 Tremont Ave., Youngstown, Ohio. 3-6-3

S. C. W. LEGHORNS, settings from my record laying strain of large white, eggs \$1 per 15, \$4.00 per 100. G. W. Salton, Walton, N. Y. Pine Shade Farm. 1-4-3

S. C. WHITE LEGHORN HATCHING EGGS, from 3 distinct strains combined for beauty and egg production; \$1.25 per 15. Utility, 85c. Mating list free. Write J. & J. Potter Co., Harrison, N. Y. 1-4-3

SINGLE COMB WHITE LEGHORNS—Hatching eggs from heavy laying stock \$4 per 100. Frank L. Miles, Dundee, N. Y. 1-4-3

ROSE COMB WHITE LEGHORNS, eggs for hatching, lowest prices and fertility guaranteed. C. W. DeWitt, Troy, Pa. 2-5-3

Best for the Least. Hillhurst Farm S. C. **WHITE LEGHORNS**, best eggs, best baby chicks, best price. Catalog, John Casterline, Mgr., Poultry Dept., Orchard Park, N. Y. 3-6-3

WINTER LAYERS—"Snow White" S. C. W. Leghorns. Eggs for hatching and day old chicks. Send for information, J. B. Webster, Malone, N. Y. 1-4-3

S. C. WHITE LEGHORNS. Winners at Allentown and Hagerstown. Eggs and chicks. Prices right. Circular free. Parkway Farm, R. R. No. 14, Trenton, N. J. 3-6-3

LEGHORNS — SEVERAL VARIETIES

S. C. BUFF & WHITE LEGHORNS: Prize stock—Bred to lay, Cockerels for sale. Eggs two dollars per 15. Albert Ackerman, Allendale, N. J. 3-5-3

BEACHCROFT POULTRY FARM—Single Comb Brown and Buff Leghorns. Eggs \$5.00 per 100; Chicks 15 cents each. From productive hens mated with vigorous males. V. R. Beach, Fairfield, Conn. 3-5-3

MINORCAS—BLACK

KOEHLER'S SINGLE COMB BLACK MINORCAS win more blue ribbons than ever. Eggs from this fine big stock \$2 per 15, \$7 per hundred. J. C. Koehler, Quakertown, Pa. 3-4-3

MY S. C. B. MINORCAS will lay, larger, whiter eggs and more of them than any hens on earth, most profitable fowls raised. Eggs from large healthy birds, 12—\$1.50; 30—\$2.50; 100—\$7.00. Ingersoll, Poplar Poultry Yards, Stratford, Conn. 1-4-3

ROSE COMB BLACK MINORCAS full Samuel's strain. Just won at Scranton show 1st cock and cockerel, 2nd hen and pullet. Have for sale cockerels, hens and pullets. Eggs 3 and 5 dollars per setting after March 1st. T. William West, Plymouth, Pa. 3-4-3

SINGLE COMB BLACK MINORCAS, Northrup-Page Strains. Prize winners, heavy layers. State your wants. Satisfaction guaranteed. E. A. Merriam, Gaysport, Ohio. 4-5-3

S. C. BLACK MINORCAS, utility pullets \$1.50. Eggs \$2.00, \$2.50 and \$3.00 per 15. 1-2 prize Beloit Show. Richard Finger, 1255 Moore St., Beloit, Wisc. 3-5-3

R. C. BLACK MINORCAS—Northrup Strain direct. Eggs \$2 per 15; \$5 per 45. H. D. Barto, Jamesville, N. Y. 1-4-3

MILNER'S MAMMOTH MINORCAS, both combs, highest quality at moderate prices. Eggs and baby chicks, write today for particulars. S. Milner, Franklin St., Watertown, N. Y. 3-5-3

Send for Paynter's **MINORCA** Catalog. It tells all about Minorcas. Eggs \$1.75 to \$5.00. Cockerels \$3.00. John Paynter, Box 60, Hume, N. Y. 1-4-3

ROSE COMB BLACK MINORCAS, Northrup Strain prize winners, six pens. Eggs \$3 and \$4 setting. Stock for sale. Mating List Free. Bisailon Bros., 3 Wing Ave., Schneectady, N. Y. 3-5-3

ROSE COMB BLACK MINORCAS. Won all firsts, Toledo Show last two years. Mating list free. Varland Poultry Yards, Varland Ave., Toledo Ohio. 3-6-3

SINGLE COMB BLACK MINORCAS—Hatching eggs from heavy laying stock, \$1 per 15; \$5 per 100. Frank L. Miles, Dundee, N. Y. 1-4-3

S. C. B. MINORCA Cockerels 1st, 2nd, 3rd winners, Chautauqua Co. Poultry Association, Dec. 1912. Stock, eggs Perry Sweet, Falconer, N. Y. 3-6-3

Winan's **MINORCAS** are again winners. Hatching eggs. Mating list free. H. R. Winans, Lakeville, Conn. 3-6-3

MINORCAS—WHITE

CLARKS WHITE MINORCAS. Line bred for 15 years. Eggs \$3, \$5 and \$15 per 15. L. D. Clark, Apalachin, N. Y. 3-4-3

A number of **S. C. WHITE MINORCAS**. Cockerels and Eggs of large blue ribbon stock. H. M. Kettering, Greensburg, Pa. 3-4-3

MINORCAS—SEVERAL VARIETIES

ROSE AND SINGLE COMB BLACK AND ROSE COMB WHITE MINORCAS, 1913 Minneapolis winners. Birds & Eggs for Sale. A. R. Kibler, Omro, Wisc. 3-4-3

ORPINGTONS—BLACK

S. C. BLACK ORPINGTONS—Duke of Kent Strain. Eggs from up-to-weight Standard-bred birds, two dollars per 13. A. T. Johnson, R. No. 3, Mankato, Minn. 2-4-3

BLACK ORPINGTONS, State Fair, Rochester, Auburn and Geneva, prize winners. Fine winter layers. Eggs \$2 and \$3 per 15. Richard Watson, 1307 Bellevue Ave., Syracuse, N. Y. 1-4-3

Eggs for hatching from fine stock **S. C. BLACK ORPINGTONS** \$1 per 15. Edward Karrow, 32 Bank St., Westfield, N. Y. 1-4-3

ORPINGTONS—BUFF

WILLARD'S CHAMPION BUFF ORPINGTONS. Three hundred birds for sale. Incubator eggs \$8, special matings \$3 to fifteen dollars setting. Catalog free. Willard Farm, Linden, Mich. 3-4-3

S. C. BUFF ORPINGTONS. Premium winners—winter-layers. Eggs from show birds \$5.00 per 15. Good Utility \$2.00 per 15. \$10.00 per 100. DeWitt C. Wiles, Fort Plain, N. Y. 3-4-3

"WILLARD'S CHAMPION BUFF ORPINGTONS win hundreds of prizes at Madison Square, Boston, Chicago, Detroit, etc. At great Michigan State Fair won nineteen of twenty firsts in past four years. One thousand old and young birds for sale. Utility \$2 each. Good breeders \$3. Show birds fit to win, having brilliant color, at reasonable prices. Catalog free. Write today. Willard Farm, Linden, Michigan. 4-4-3

S. C. BUFF ORPINGTONS exclusively since '91. State Cup winners past two seasons. Fine cockerels and pullets. Eggs \$3 setting. Joshua Shute, Meriden, Conn. 4-4-3

Owen's and Cook's **BUFF ORPINGTONS**—Eggs \$2 & \$5 setting. Express prepaid. Fertility guaranteed. Agan Bros., Petersburg, N. Y. 3-5-3

TRUESDELL'S BUFF ORPINGTONS. At Ohio State Poultry Show open to all comers, Judge J. H. Drevendstedt, January, 1913, said: "Nowhere in all the United States except at Madison Square have I seen any better Buff Orpingtons than those here." My winnings: Both silver cups; 1st pen; 1st cock; 1st cockerel; 1st hen. "Nuf Sed". Eggs and stock. No. 373 West Fifth Avenue, Columbus, O. 3-5-3

BUFF ORPINGTON eggs \$1.25 per 13. Owen Farms prize strain. T. H. Mettler, East Millstone, N. J. 3-6-3

TRAPNESTED, PEDIGREED BUFFS. Heavy winter layers. Catalog free. Chicks, eggs. Albert Peters, 1041 Taylor, Scranton, Pa. 2-5-3

ORPINGTONS—WHITE

TWENTY-FIVE DOLLARS REWARD—Will be paid to the person hatching the greatest number of chickens from a single setting of fifteen eggs if purchased from L. O. McKee & Co., Crystal White Orpington Specialists. Stock For Sale. Salisbury, Mo. 3-4-3

KELLERSTRASS and **OWEN** Strains **WHITE ORPINGTON** Eggs \$3.00—15; \$5.00—30; from my Blue Ribbon and Special Prize Winners. Cockerels \$5.00. Albert Rohange, Melville, R. I. 3-4-3

ROSE COMB WHITE ORPINGTONS exclusively. "America's Best" Boston, Phila, Hagerstown, Allentown, Williamsport winners. Eggs reasonable, Circular. Wm. Seidel, Washingtonville, Pa. 3-4-3

WHITE ORPINGTONS—Now booking orders—Eggs—Day-Old Chicks from selected matings. If you want a Square Deal, try [] Deal Poultry Farm. Aurora, Ill. 3-4-3

KELLERSTRASS WHITE ORPINGTONS. Trio, Five dollars up. Fine cockerels, three dollars. Eggs in season ten cents each. Dr. MacClymont, Friendship, N. Y. 3-4-3

KELLERSTRASS CRYSTAL WHITE ORPINGTONS. Stock and eggs for sale. Heavy **WHITE** birds, Prolific layers. Mrs. A. R. Stickle, Macomb, Ill. 3-4-3

KELLERSTRASS WHITE ORPINGTONS. The great layers. Eggs \$3—15; Chix 30c each. Special prices on larger quantities. Order now to avoid rush. Satisfaction guaranteed. J. Edgar Mills, R. F. D. No. 2, Middletown, N. Y. 3-4-3

KELLERSTRASS CRVSTAL WHITE ORPINGTONS stock from \$150 trio. Baby Chicks for sale. Cockerels \$2 and up. Eggs ten cents each. Chas. E. Baker, Andover, N. Y. 3-4-3

1912 BROCKTON FAIR, visited by President and Mrs. Taft, 2 first, 2 seconds, one third. White Orpingtons from Cook's \$80 pen, \$20 setting, other prize stock. Eggs \$3 setting. Reference—Home National Bank, Brockton, Joseph Demenkow, 37 Dover St., Whitman, Mass. 3-4-3

S. C. WHITE ORPINGTONS—Jackson strain. Prolific layers. Choice matings. Eggs \$2-15. Order now and give shipping date. C. R. Adrian, Mingo Junction, Ohio. 1-4-3

WHITE ORPINGTON EGGS the better kind, \$1.50 and \$2.00 setting. S. J. Lowe, Concord, N. C. 3-5-3

Kellerstrass Strain **WHITE ORPINGTONS**—eggs from best matings. Two and three dollars per thirteen; four and six dollars per thirty. E. F. Covert, Chemung, N. Y. 3-5-3

CRVSTAL WHITE ORPINGTONS, Kellerstrass direct. Eggs from choice birds. Day-old chicks and stock. Send for mating list. Rev. A. Kuhlmann, Baltic, Ohio. 3-5-3

S. C. WHITE ORPINGTON eggs from my blue ribbon winners \$3.50 per setting. Carl J. Cisky, 1814 7th St., Port Huron, Mich. 3-5-3

KELLERSTRASS STRAIN, foundation stock from \$100 trio. Best blood lines obtainable. Pen one \$3 per 15. Others ten cents per egg. Mrs. Ethel Cook, Andover, N. Y. 3-5-3

OWEN FARMS WHITE ORPINGTONS, large size, good winter layers. Eggs, exhibition matings, three dollars for fifteen. Cockerels three and five dollars. Page Brothers, Avon, N. Y. 3-5-3

"KELLERSTRASS CRYSTALS", winners at Buffalo, Rochester, Hornell, Olean and Knoxville, Pa. Eggs reasonable, circular. Dr. Common, Andover, N. Y. 3-5-3

Philo Strain **SINGLE COMB WHITE ORPINGTONS**—Eggs two dollars setting, baby chicks after April first at five dollars for twenty, bred from good stock and are good winter layers. N. O. Case, Two Rivers, Wisc. 3-5-3

TRAPNESTED, PEDIGREED WHITES. Heavy winter layers. Catalog free. Chicks, eggs. Albert Peters, 1041 Taylor Ave., Scranton, Pa. 2-5-3

WHITE ORPINGTONS (Dune Alpin Strain). Prize winners at Buffalo, 1913. Eggs 10c, 20c, 35c each. Edw. E. Bunnell, 325 Herkimer St., Buffalo, N. Y. 3-4-3

WHITE ORPINGTON pullets, bred for winter layers, \$2 and \$3. Eggs 5, 10 and 20 cents each. J. Hargraves, Norwalk, Ohio. 3-6-3

KELLERSTRASS WHITE ORPINGTONS. Pen No. 1 headed by fine cock bred from stock from \$500.00 pen of Kellerstrass fowls. Eggs \$3.00 per fifteen. Satisfaction guaranteed. C. D. Scott, DuBois, Pa. 1-4-3

ORPINGTONS—SEVERAL VARIETIES

ROSE COMB BUFF, BLACK, AND WHITE ORPINGTONS. Madison Square Garden, Chicago, Cleveland and Detroit winners. H. C. Faulkner, Marshall, Mich. 3-5-3

WILLIAM COOK & SONS, Originators of all the Orpingtons, Box W., Scotch Plains, N. J. For the best Orpingtons, any variety, it is natural you must send to their Originators. Send 10c for Illustrated Catalogue, just out, with history of Orpingtons and hints on poultry keeping. 3-5-3

DIAMOND JUBILEE AND BLACK ORPINGTONS. Beauties, grand layers, large birds. Fine specimens for sale. Eggs in season. Rev. W. Berberich, Groton, New York. 3-5-3

ROSE COMB BUFF AND BLACK ORPINGTONS. Madison Square, Kansas City winners. C. O. Penrod, Piqua, Ohio. 3-4-3

JUBILEE ORPINGTONS.—Beautifully illustrated catalogue and Orpington Magazine 1 year 10c. Cheviot Farms, R. No. 6, Cincinnati, Ohio. 3-4-3

WORLD'S BEST ORPINGTONS. Single and Rose Comb White, Buff, Black. Eggs \$3.00—\$5.00 per 15; \$12.00 per 100. None better. Haupt's Farm, Easton, Pa. 3-4-3

Blue, White, Buff and Black **ORPINGTONS.** Eggs and chicks. Prices to suit everyone. Drop a postal to The Whitaker Orpington Farms, Plainville, Mass., Importers and Exporters of high class Orpingtons. 3-5-3

KELLERSTRASS BLACK AND WHITE ORPINGTONS, eggs for setting \$1.00 per 15. R. A. Smyth, Worton, Md., R. No. 1, Box 36. 4-6-3

For Sale—Eggs from fine **BUFF AND WHITE ORPINGTONS,** winning first prizes at many leading shows. Eggs \$1.50, \$2.00, \$3.00 per 15. Satisfaction guaranteed. B. C. Farmer, 2109 8th St., Lynchburg, Va. 1-4-3

Brackenfield Farms — **ORPINGTONS,** Buff, Black, White—winners at Chicago, Detroit, Topeka St. Paul, Minneapolis. Ask for mating list. Brackenfield Farms, R. No. 12, Rochester, Minn. 3-6-3

PIGEONS

I offer guaranteed mated **HOMERS,** in any quantity, at \$1.00 pair, and challenge squab companies or dealers to produce better stock at twice this price. Beautiful White Homers, \$1.50 pair. Get my prices on Runts, Carneaux, Maltese Hens, and save dollars. Charles Y. Gilbert, 346 N. American St., Philadelphia, Pa. 1-4-3

200 PAIRS MATED HOMERS \$1.00. 12 Pairs for \$10.00. Catalogs 10c. Pigeon Dept., R. F. D. No. 16, Orchard Park, N. Y. 1-4-3

PLYMOUTH ROCKS—BARRED

BARRED ROCK BREEDERS. Send 50c for National Barred Rock Journal one year. The only monthly magazine issued wholly in the interests of the Grand Old Breed. W. L. Robinson, Pub., Union City, Mich. 1-4-3

E. B. THOMPSON'S RINGLETS direct. A very few extra choice eggs; big, vigorous stock; bred from winners. Best New York winning blood from proven breeders. I have spared neither pains nor money. Wm. Huckle, Waverly, N. Y. 3-4-3

BARRED ROCKS—Thompson's "Ringlets" Direct, Large well matured birds with clear snappy barring. Eggs from choice matings \$1.50 per 15, \$7.00 per 100. Milton Fox, Palmyra, Pa., Dept. A. 1-5-3

BARRED ROCKS, bred from exhibition females. Eggs \$1.50 per 15, \$2.50 per 30, \$5.00 per 100. Frank S. Sewell, Fishkill-on-Hudson, N. Y. 3-4-3

GALLENT'S BARRED ROCKS, winners of 21 ribbons and two silver cups at Late Vermont State Show. Eggs \$2.00 & \$3.00 per 15. Mating list free. N. Gallant, Plattsburg, N. Y. 3-5-3

BRADLEY STRAIN BARRED PLYMOUTH ROCKS. Eggs from best pens, pullet or cockerel matings \$2 per 15, utility \$6 per 100. Edwin C. Powell, Ludlow, Mass. 3-5-3

THOMPSON'S IMPERIAL RINGLET BARRED ROCKS, direct. Eggs from exhibition cockerel and pullet matings \$1.00 per 15; \$5.00 per 100. H. D. Pinckney, Mahopac, N. Y. 3-5-3

Parks' 200 Egg **BARRED ROCKS.** Pens headed by sons of 217, 238, 242 egg hens. Hens with sworn records 217, 225, 237, 238, 246, 247 eggs. 15 eggs \$2.00. Circular free. Frederick Matteson, 3838 Woodley Lane, Washington, D. C. 1-4-3

BARRED PLYMOUTH, Pittsfield Strain, eggs, special matings \$1 per 15; utility \$4 per hundred. Orders taken for future delivery. Write Jacob Hereter, Gettysburg, Pa. 2-5-3

PLYMOUTH ROCKS—BUFF

Eggs for hatching from Poley's Strain **BUFF PLYMOUTH ROCKS.** D. H. Scott, South Branch, N. J. 3-4-3

BUFF ROCKS, Poley's Strain, winners at Allentown, Fair, Bethlehem, Cata-sauqua, Pa., Eggs \$2 to \$5 per setting. Write for mating list. Billheimer & Kratzer, Allentown, Pa., Route 1. 3-4-3

DUCLOS BUFF ROCKS. Boston winners for the last four years. Stock reasonable and eggs. Circular free. B. N. Duclos, Lenox, Mass. 3-4-3

NUGGET BUFF ROCKS, exhibition and utility, silver cup and blue ribbon winners. Eggs \$1.50, \$3.00 per fifteen. Cora Cleveland, Geneseo, N. Y. 3-5-3

BUFF PLYMOUTH ROCKS' EGGS, from blue ribbon winners, birds with grand color and shape. Steady layers of large eggs. Prices reasonable. F. Ellis, Livermore Ave., West New Brighton, N. Y. 1-4-3

BUFF ROCKS, Poley's Strain. Eggs \$2 per 15. Fertility guaranteed. Otto W. Martin, Muncie, Ind. 1-4-3

CHICAGO WINNING POLEY BUFFS. Superlative sort. Peerless pedigrees. Lavish layers. Eggs three dollars. Circular free. W. R. Hobbie, 532 Court, Kankakee, Ill. 1-4-3

PLYMOUTH ROCKS—COLUMBIAN

Farmer's money makers. **COLUMBIAN ROCKS,** beauties, eggs delivered \$2.00 setting. Park Farms, Pulaski, N. Y. 4-5-3

COLUMBIAN PLYMOUTH ROCKS. "Royal Strain". Oldest and best known strain in existence. Two breeding pens for sale. Mating list. Lake View Poultry Yards, Alburgh, Vt. 3-4-3

PLYMOUTH ROCKS—PARTRIDGE

PARTRIDGE ROCKS—size, shape, color and price right. Stock & Eggs. M. K. Miller & Sons, Exporters, Pottstown, Pa. 1-4-3

PARTRIDGE PLYMOUTH ROCKS—Noftzger Strain. Eggs for sale \$2.00—\$3.00 per setting 15 eggs. Mated right, large birds well penciled. Birds score 94½ to 90. S. J. Sharp, Kewanee, Ill. 3-4-3

CHAMPION PARTRIDGE ROCKS at Madison Square Garden for the past 5 years. We did not exhibit this year but bred winners for Chicago, Boston, Atlanta, Los Angeles and many other shows. Free catalogue. Hillcrest Farms, Oakford, Pa. 3-4-3

PARTRIDGE PLYMOUTH ROCKS—Both sex, males strongly striped, rich color, females of equal quality and type. 1913 mating list free. C. E. George, Union City, Mich. 3-5-3

CHILDS' PARTRIDGE ROCKS—have won this season, including Pittsburgh and Cleveland shows, 6 silver cups, 12 specials, 29 firsts, 16 seconds. Eggs from these winners at surprisingly low prices. Circular. Samuel Childs, McKeesport, Pa. 3-5-3

PARTRIDGE ROCKS—Breeding stock and eggs. Write Jesse Robinson, Center St., Waverly, N. Y. 3-5-3

PARTRIDGE ROCKS—Eggs for hatching 15 for \$3.00, no better stock at any price. Robt. Hailes, East Liverpool, Ohio. 1-4-3

PARTRIDGE ROCKS—Winners at Allentown, Hagerstown and Atlanta. Eggs and chicks. Prices right. Circular free. Parkway Farm, R. R. No. 14, Trenton, N. J. 3-6-3

PLYMOUTH ROCKS—WHITE

Dudley's **WHITE ROCKS** always win, catalogue free D 1715 Seventh St., Des Moines, Ia. 3-4-3

WHITE ROCK WINNERS FOR SALE. Eggs Send for Folder W. Hoch & Frederick, Chambersburg, Pa. 3-4-3

WHITE PLYMOUTH ROCKS, eggs and baby chicks, catalogue free. Philip Condon, Route 16, West Chester, Ohio. 3-4-3

1912 Brockton Fair, visited by President and Mrs. Taft, 2 firsts, 2 seconds, 1 third. Heavy White Rocks, Fishel & Graves strain. Eggs \$2 setting, \$12 for 100. Reference—Home National Bank, Brocton. Joseph Demenkow, 37 Dover St., Whitman, Mass. 3-4-3

WHITE PLYMOUTH ROCKS—Hatching eggs, "White Queen's" year record is 257 eggs. 90 in 92 successive days. Our breeders average 180 eggs. Send stamp for handsome circular. R. C. Caldwell, Box 1062, Lyndon, Rose Co., Ohio. 3-5-3

"SNOW WHITE" ROCKS of highest quality, great layers, Fishel direct. Eggs \$1.00 per 15, \$5.00 per hundred. Also baby chicks. F. T. Baker, Ransomville, N. Y. 3-5-3

HIGH CLASS WHITE ROCKS, Fishel Strain direct. Wonderful layers, 15 eggs, \$1.00; 50-\$3.00; 100-\$5.00; 200-\$10.00. Strictly fresh layed. Henry Heitkamp, New Bremen, Ohio. 3-5-3

QUALITY WHITE ROCKS—Yearling hens and pullets. Eggs for hatching. Everything as represented. Try us, we can please you. Rose Lawn Poultry Yards, 238 East Main St., Middletown, N. Y. 1-4-3

Fishel **WHITE ROCK** pullets \$1.50, cockerels \$2.00. Hatched from eggs bought of U. R. Fishel. Eggs for hatching \$2.00 per 15. Mrs. A. Doren, Ogdensburg, N. Y., R. No. 2. 3-6-3

WHITE PLYMOUTH ROCKS, direct from U. R. Fishel's very best, twenty premiums out of twenty-one entries past season, equally good for utility. Eggs \$1.50 per 15; \$6.00 per 100. Fine cockerels \$3.00 each. H. G. Hall, Little Valley, N. Y. 1-4-3

PLYMOUTH ROCKS—SEVERAL VARIETIES

GOLDEN BARRED—Partridge—Silver Penciled, White, Barred Plymouth Rocks. Free Catalogue. Hillcrest Farms, Oakford, Pa. 4-5-3

JERSEY STRAIN WHITE ROCKS. Eggs \$1.50, \$4.00, \$10.00 setting. Columbian Rocks, \$3.00, \$5.00 setting. Winners Philadelphia and Baltimore. Circulars free. Paul Springer, Bridgeton, N. J. 3-5-3

POLISH

WHITE CRESTED BLACK POLISH, Ornamental, useful, Good layers, non-sitters bear confinement. If you want good stock or eggs. Write Chas. L. Seely, North Main St., Afton, N. Y. 1-4-3

PLAIN SILVER, PLAIN GOLDEN and WHITE CRESTED BLACK POLISH. Silverside Crested Beauties. Write for handsome illustrated catalog. Silverside Poultry Yards, Box 1, Fort Wayne, Ind. 3-5-3

WHITE CRESTED BLACK POLISH, splendid stock. Eggs \$2.00 per 15. Dr. W. V. Woods, Odessa, Del. 3-5-3

WHITE CRESTED BLACK POLISH. When in doubt, try Smith's Polish, none better. Eggs \$2 per 15; \$3 for 30, for prize record write R. E. Smith, Afton, N. Y. 3-6-3

WHITE CRESTED BLACK POLISH. Handsome mating list free. Snowball Poultry Yards, Ft. Wayne, Ind. 1-4-3

RHODE ISLAND REDS

SACRIFICE SALE. one hundred **SINGLE COMB RHODE ISLAND REDS**, fine quality, vigorous, healthy, cheap, will sell as a lot or in part, satisfaction guaranteed. J. W. Brinser, Manchester Sta., Richmond, Va. 3-4-3

CHICKS. Reds 15 cents, White Orpingtons 25 cents. Kenesco Farm, Valhalla, N. Y. 4-5-3

Oriole Poultry Farm, **ROSE COMB REDS** exclusively. Tuttle strain, Silver Cup winners, send for free circular. Eggs from free range birds, 15 \$1.00, 100—\$4.00. J. D. Keefer, Millersburg, Pa. 3-4-3

LESTER TOMPKINS' STRAIN RHODE ISLAND REDS—Both Combs—Winners at Philadelphia, Baltimore and Camden, Stock for sale. Eggs \$1.00 per fifteen, \$6.00 per hundred. Special Prize Mating in each comb \$3.00 per fifteen. Write for Mating list. J. M. Drumm, Mercersburg, Pa. 3-4-3

ROSE COMB REDS, winners at some of New England's best shows. Mating list ready. Moir & Chesser, Barre, Vt. 4-5-3

RHODE ISLAND REDS both combs. Red to the hide. Bean & Carver Strains. Eggs and stock in season. Fort Henry Poultry Yards, R. D. Star Route, Wheeling, W. Va. 3-4-3

ROSE COMB RHODE ISLAND REDS, best blood lines in America. I advocate and breed the deep wine red kind, typical shape and good layers. Send for Mating List. Eggs \$1.50 and up. A. V. Davis, Ridgefield, Conn. 1-4-3

ROSE AND SINGLE COMB—Eggs, setting \$2.00 and \$3.00 from even dark red birds, heavy layers. Some choice cockerels left. Circulars. Red and White Poultry Farm, East Orange, N. J. 3-5-3

HUBBELL'S R. I. REDS—Both combs, brilliant, rich, even surface color, with strong deep red under color and fine head gear, long bodies and black markings that appeal to the most careful breeder. Eggs from prize matings, also Muscovy Ducks. C. E. Hubbell, Westmoreland, N. Y. 3-5-3

RHODE ISLAND REDS—Eggs, exhibition and utility stock, both combs—if you want to win in the show this year, write me. Satisfaction guaranteed. Harry Harding, Totowa Borough, N. J. 3-5-3

DEARBORN-SHARPE STRAIN SINGLE COMB REDS—Winners. Circular free. Eggs 15, \$3.00; 30—\$5.00; 100—\$12.00. Rev. O. M. West, Phillipsburg, N. J. 3-5-3

ROSE AND SINGLE COMB R. I. REDS, Large, vigorous birds bred to lay. Eggs \$6 and \$8 per 100. Circular. F. R. Brownell, Little Compton, R. I. 3-5-3

SINGLE ROSE COMB RHODE ISLAND REDS, Tompkins and Tuttle strains. Prize winners at Cleveland and Ashtabula. Eggs, baby chicks. C. H. Eckler, Ashtabula, Ohio. 3-5-3

ROSE COMB RHODE ISLAND REDS, Winners at Jacksonville and Lakeland. Birds score 91 points. Eggs \$5.00 per fifteen. Quality not Quantity, my motto. LeRoy Gardiner, 550 Woodlawn Ave., Jacksonville, Fla. 3-5-3

HATTERSLEY'S ROSE COMB REDS—Bean blood, winners Grand Central Palace, New York, Allentown, Hagersstown, Paterson, Passaic, and wherever shown. Eggs for hatching. Send for mating list. Chas. O. Hattersley, Box 8, Nutley, N. J. 1-4-3

R. C. RHODE ISLAND REDS, eggs from prize winners, \$1 to \$3 per setting. Six pens mated. Circular free. Philip Fortman, New Weston, Ohio. 3-6-3

RHODE ISLAND REDS, Rose and Single Comb. Qualities—vigor, laying, feather and size. Stock and eggs for sale. See advertisement on page 549. W. S. Harris, Mansfield, Mass. 1-4-3

"Thompson & Scranton Strains, Eggs from farm raised birds \$1.50 and \$2.50 setting, \$6.00 and \$8.00 hundred; guaranteed 75 per cent. fertile. Give me a trial and get results. W. F. Hesser, 36 Harvard Ave., Collingwood, N. J. 3-6-3

Moore's Bred to Lay **SINGLE COMB REDS**. Heavy fall and winter layers. 15 eggs, \$2.00; 50, \$6.00; 100, \$10.00. Fertility guaranteed. Write for special offer. C. S. Moore, Bethesda, Md. 1-4-3

EGGS from my Palace Show strain of Reds. For three years they have demonstrated their quality, winning in strongest competition. Jordan Philip, Hudson, N. Y. 3-6-3

RHODE ISLAND WHITES

ROSE COMB RHODE ISLAND WHITES: Fine stock for sale and eggs after January 1st. Write for prices. B. J. Parmenter, Columbia X Roads, Brad. Co., Pa. 1-4-3

THE PEERLESS STRAIN still leads. Just won four firsts and six silver cups at Chicago. Our illustrated catalogue and mating list is free. Carl D. McCarthy, Box W, Kempton, Ind. 1-4-3

RHODE ISLAND WHITES, "Elite" strain, won 5 firsts Cleveland, 1913. Eggs \$3 per 15. Also R. C. White Minorcas. Catalogue. Fred O. Foster, Seville, Ohio. 3-6-3

Knox **RHODE ISLAND WHITES**, winners at New York, Chicago and Pittsburgh. Eggs \$2.00 to \$10.00 per 15. Catalogue free. Knox Poultry Farm, Pulasht, Pa. 3-6-3

TURKEYS

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Plymouth Rocks. See our ad on page 521. Bird Bros., Meyersdale, Pa. tf

BOURBON RED TURKEYS—Eggs 35 cents each or \$4.00 per 12. W. M. Keller, Portville, N. Y., R. D. No. 1. 3-5-3

GIANT BRONZE TURKEYS, bred from first and second prize Toms at Madison Square Garden, New York. Send for my mating list. Three grand pens, headed by New York winners. H. L. Fike, Box 15, Meyersdale, Pa. 2-4-3

Pair **SLATE TURKEYS**, \$12. Dozen Eggs \$9.00. Kittie Mulcahy, Clyde, N. Y. 3-6-3

WYANDOTTES—BLACK

Boyd's Washington Strain of winning **BLACK WYANDOTTES**. Ridge Crest Farm, Paris, Md., formerly of Wash., D. C. 12-11-3

BLACK WYANDOTTES, America's Best. Howard Grant, Marshall, Mich. 3-5-3

WYANDOTTES—BUFF

BUFF WYANDOTTE eggs for hatching two dollars for fifteen and up. Chas. E. Coffin, Olneyville, R. I. 3-4-3

BUFF WYANDOTTES, Some very choice matings at low prices. Ben H. Netzy, Martinsville, Ill. 3-4-3

BUFF WYANDOTTES, A few very promising cockerels from 2 dollars up. R. W. Robins, Seymour, Conn. 3-4-3

BUFF WYANDOTTES, Golden Nugget Strain. Eggs and young chicks for sale. L. L. Messersmith, 34 Jackson St., Clifton Forge, Va. 3-5-3

BUFF WYANDOTTES—Eggs from winners at our leading shows, at reasonable prices. Send for mating list. A. J. Hammerstrom, Jamestown, N. Y. 3-5-3

WYANDOTTES—COLUMBIAN

50 **COLUMBIAN WYANDOTTE** cockerels for sale at \$3 to \$5 each real value; order from this adv. D. Lincoln Orr, Orr's Mills, N. Y. 3-4-3

COLUMBIAN WYANDOTTE Eggs. High class exhibition stock, bred to lay. I have a few choice settings at \$2 per 15. Albion W. Newell, Geneva, N. Y. 3-6-3

My **COLUMBIAN WYANDOTTES** won six firsts at last Chicago Show, five firsts at last Minneapolis Show, also winning at St. Paul and Winnipeg. Geo. A. Kersten, 9—52 St., Minneapolis, Minn. 2-5-3

COLUMBIAN WYANDOTTES—winners first pullet, first pen, best display, eight specials, silver cup at Boston Show, 1913. All infertile eggs replaced free. Illustrated circular. Harwood Farm, Box E, Littleton, Mass. 2-5-3

COLUMBIAN WYANDOTTES, that lay and win. Again won in Cleveland, 1st pen and tied for best display. S. D. Eckler, Ashtabula, Ohio. 3-6-3

Denison famous **COLUMBIAN WYANDOTTES**. Exhibited 10 largest state show, every bird under a ribbon winning. Silver medal at the A. P. A. show for finest cockerel in the state. Eggs \$2, \$3 per setting. Fertility guaranteed. Chas. H. Denison, Mystic, Conn. 1-4-3

WYANDOTTES—PARTRIDGE

PARTRIDGE WYANDOTTES—Choice trios, pens and single birds, \$2 to \$5 each. Eggs \$2 per \$15. Ravine Poultry Farm, Almond, N. Y. tf

WYANDOTTES—SILVER LACED

SILVER LACED WYANDOTTES. Layers as well as from Madison Square Garden winners. Have mated 3 extra fine pens. Ready to fill orders. Few cockerels for sale. Write your wants. Mrs. J. Alonzo Hulse, Wading River, Long Island. 3-5-3

WYANDOTTES—WHITE

PREMIER WHITE WYANDOTTES: The great laying strain—eggs for hatching. J. M. Chase, Geneseo, N. Y. 4-4-3

First Prize **WHITE WYANDOTTE COCK** for sale. A. A. Miller, McKeesport, Pa. 3-4-3

WHITE WYANDOTTES—Beauty and Utility. A good strain of High-Scoring Birds. John F. Galvin, Guilford, Conn. 1-4-3

REGAL WHITE WYANDOTTES. Selected breeders. Winners two years at local show, this year at Flower City, Rochester. Fifteen eggs three dollars. Fred Simmons, Waverly, N. Y. 3-4-3

WHITE WYANDOTTE cockerels for sale, \$1.50, \$2.00 eggs in season. Fishel strain. E. M. Redenbaugh, Manilla, Ind., R. R. No. 18. 4-4-3

Snow Drop **WHITE WYANDOTTES**. Twenty years. Eggs \$1.50 per setting, from high scoring white stock. Write. M. Huggett, Bellevue, Mich. 3-5-3

WHITE WYANDOTTES:—Pottstown show, 1912. Best bird in American class. Best cock in show, color and shape specials. Eggs \$1.50 for 15. B. F. Jones, So. Montrose, Pa. 2-5-3

WHITE WYANDOTTE eggs. Write me; prices reasonable; satisfaction guaranteed. Guy Snyder, Echo, Pa. 3-6-3

REGAL WHITE WYANDOTTES, prize winners. Absolutely stay white. Eggs \$3, \$5 per fifteen. G. Baldwin, Bridgehampton, N. Y. 1-4-3

SEVERAL BREEDS

THOROUGHbred HOUDANS. Black and White Minorcas, both combs, Anconas, Rhode Island Reds. Catalogue with poultry points free upon application. Interesting prices. The Breeders Farm, Watertown, N. Y. 4-4-3

THIRTY LEADING VARIETIES, Standard bred Poultry—Stock and Eggs. Reasonable. List free. John Crouthamel, Franconia, Pa. 4-4-3

WHITE INDIAN RUNNERS home is California. Get Spencer's Original strain, save time, money. White Orpingtons, Wyandottes, Rocks, Leghorns. Fourteen firsts and sweepstakes on twenty-two entries. Eggs, Stock. Look us up. Lodi Normal Inst., W. C. Baldwin, Mgr., Lodi, Calif. 3-4-3

EGGS—\$1—15, \$2—40, thoroughbred **BRAHMAS, ROCKS, WYANDOTTES, REDS, MINORCAS, LEGHORNS, HAMBURGS**. Also **HOUDANS, WHITE ORPINGTONS**, 19 varieties. Catalogue. 30 years experience. S. K. Mohr, Box I, Coopersburg, Pa. 4-5-3

S. C. BLACK and White Minorcas, S. C. Brown & White Leghorns, White Wyandottes, Barred Rocks, S. C. Reds. Eggs \$1—15, \$5 hundred. Noah Arbaugh, Medford, Md. 3-4-3

COLUMBIAN ROCKS and Silver Campines direct from World's greatest winners. Eggs very reasonable. Harper Mayberry, Dillsburg, Pa. 3-4-3

OVERSTOCKED "REDUCTION SALE"—Fine breeders, White, Black, Buff Orpingtons; White Wyandottes, Runner Ducks, trios \$6, \$10, \$15, \$25. Eggs, baby chicks, ducklings, White Runner Ducks, Duroc-Jersey Hogs. Write for bargain list No. D-7. Woman's College, Meridian, Miss. 4-5-3

S. C. WHITE ORPINGTONS, S. C. MOTTLED ANCONAS, eggs for hatching, day old chicks. No pullets in breeding pen. Catalog free. F. G. Stone, 24 Franklin Ave., Lockport, N. Y. 3-5-3

STOCK, EGGS, CHICKS, S. C. White Leghorns, Black Orpingtons and Minorcas. Grand birds. D. P. Smith, Lime Kiln, Md. 2-4-3

ORPINGTONS—White, Buff, Black, both combs. Eggs \$1 per fifteen. S. C. White Leghorns, Barred Plymouth Rocks, Black Minorcas. Eggs 60 cents per fifteen. Muncy Poultry Association, Julian, Pa. 3-5-3

PRIZE WINNERS—Mammoth White Holland Turkeys, large, white, fluffy fellows, also White African Guineaes and extra large Rouen Ducks, stock and eggs for sale. E. L. Muckey, Lees Summit, Mo. 3-5-3

SINGLE COMB BLACK ORPINGTONS, Rose Comb Black Minorcas, Single Comb Blue Andalusians, Single Comb White Leghorns. Eggs for hatching, stock and baby chicks in season from blue ribbon winners. Mrs. Josephine Ruby, 712 Davidson St., Watertown, N. Y. 3-6-3

90 VAR'S Poultry, Eggs, Pigeons, Dogs, Ferrets, Squirrels, etc. Colored description, 60 page book, 10c list free. Bergey's Farm, Box 53, Telford, Pa. 4-6-3

BLACK ORPINGTONS—"Duke of Kent" strain; eggs two sittings \$3.00. Golden Campines, one setting \$3, two-\$5.00. Satisfaction guaranteed. Rev. H. N. Van Deusen, Milford, N. Y. 3-5-3

CRYSTAL WHITE ORPINGTONS, Kellerstrass strain, pen headed by State prize winner. Eggs \$3 per 15; \$5 per 30. Also **BRADLEY STRAIN BARRED ROCKS**. Eggs \$2 per 15; \$3 per 30. Guarantee safe delivery and good hatches. Allen Brothers, 500 Ft. Scott St., Butler, Mo. 1-4-3

Thoroughbreds of Rare Quality. Winter Layers. Won this season at Mansfield, Dayton, Akron, Canton, Cleveland, Butler, Pittsburgh; ten firsts, five seconds, three thirds, six fourths. Eggs, Chicks, Stock. Low prices. A. P. A. and Club Member. Van Rensselaer, Kent, Ohio. 1-5-3

WHITE RUNNERS. Farm reared, well bred, stylish. Dozen Eggs \$3. Pearl Guineaes, pairs \$2 to \$4. Fifteen eggs \$2; 26 R. C. Brown Leghorn eggs \$2. Hundred \$5. Kittie Mulcahy, Clyde, N. Y. 3-6-3

EGGS for hatching, S. C. Reds, Barred Rocks, S. C. White Leghorns \$2.00 per setting and up, \$10.00 per 100. Day Old Chicks \$2.50 dozen. Mt. Lebanon Poultry Farm, Mt. Lebanon, Pa. 3-5-3

BLUE Ribbon Stock, English Red Caps, Buff Wyandottes and Partridge Cochins. Low price, young and old. Mack's Poultry Yards, Salem, N. Y. 1-4-3

CANADIAN & STATES leading strains, White and Barred Rocks, both matings. R. C. B. Leghorns; also pen G. Laced Wyandottes. Cockerels \$3.00 to \$5.00. Eggs per 15—\$1.50 and \$3.00. Canadian Judge. T. A. Sprung, Pavilion, N. Y. tf

S. C. BROWN LEGHORNS, S. C. BUFF ORPINGTONS, WHITE WYANDOTTES, INDIAN RUNNER DUCKS, Eggs \$2.00 for 15. Mrs. Florence Nichols, Cardington, Ohio. 3-6-3

THE BEST. Try us. Rose Comb R. I. Red Eggs per setting \$3.00, Faultless Houdan Eggs setting \$3.00, Barred Rock Eggs setting \$3.00, White Wyandotte eggs \$2.00. We have the winners 1911-1912 McKeesport, Pittsburgh shows. Write J. W. Zacharias & Son, Verona, Pa. 1-4-3

EGGS! White Orpington, White Leghorn, Runner Ducks, utility grade \$5.00 a hundred. Write for prices Buff and Black Orpington, White Wyandottes, White Runners by setting or by 50. Stock for sale. Write for bargain list No. D-7. Woman's College, Meridian, Miss. 1-4-3

PRIZE WINNERS. MOTTLED ANCONAS. Silver Spangled Hamburgs, winners of two Silver Cups 1912. Silver Penciled Rocks, White Wyandottes \$2.00 for 15 eggs. Mrs. W. W. Howes, Old Chatham, N. Y. 1-4-3

FAWN and WHITE INDIAN RUNNER DUCKS, Pure White Eggs \$1.00 per setting, \$5.00 per 100. Baby Ducks 25 cents each. **S. C. BLACK ORPINGTON** eggs from prize winners \$1.00 per setting. Baby Chicks 20c each. Mrs. Glenn Kerr, McComb, Ohio. 3-6-3

WHITE ORPINGTONS, Silver Campines, White Runner Ducks, Stock, Eggs, Chicks, Ducklings. Mrs. Rawson, Big Rock, Ill. 3-6-3

MONTH OLD THOROUGHBREDS—Duston White Wyandottes, Cook White Orpingtons, Tompkins Single Comb Reds. \$8.00 per Dozen. \$15.00 per 25. Beautiful, vigorous, prize winning stock. Wonderful laying strains. Eggs \$3.00 per 15; \$5.00 thirty, postpaid. Hampton Poultry Farm, Hampton, N. J. 3-6-3

BABY CHICKS

DAY OLD CHICKS and Ducks, Single Comb White Leghorns, chicks 10c a piece. Pekin Ducklings, 20c a piece. Hart Lester, Ransomville, N. Y. 3-5-3

BABY CHICKS, White Leghorns, Barred Rocks, White Rocks and Reds. Separate Farms. Breeders Good shape and color. Splendid layers. Circular. A. L. Ford, Kenton, Ohio. 3-4-3

DAY OLD CHICKS and Eggs, Barred and White Rocks and R. C. R. Reds. Sibley strain from prize winners. J. E. Brocklehurst, Mercer, Pa. 4-5-3

BABY CHICKS from big S. C. White or Brown Leghorns, 10—20c each. Breeder 15 years. Wm. Gray, Warren, Pa. 4-5-3

BABY CHICKS 10c each. Place your order now no money required, you don't have to help me pay for big ad to sell my babies. Send postal free. Catalog. S. C. White Leghorns Exclusively. Eggs for hatching. Fulton Market Poultry Farm, Youngstown, Ohio. 3-4-3

QUALITY BABY CHICKS—10 leading varieties, expressage paid, order now for early delivery. Handsome catalogue Free. Write us. South Kenton Poultry Farm, Kenton, Ohio. 4-5-3

BABY CHICKS Heavy laying S. C. W. Leghorns. Young's & Wyckoff strains exclusively, on free range 10 cents each. Indian Runner Ducklings 20 cents each. Eggs \$6.00 per hundred. Beaver Dam Poultry Farm, Montgomery, N. Y. 3-4-3

BABY CHICKS, Eggs for hatching from show and heavy Egg type. White Wyandottes. Write for prices. Robert Petrow, Etters, Pa. 3-4-3

VITALITY BABY CHICKS from large pure white yearling hens. Single Comb White Leghorns 10 cents each. Also White Orpingtons. Eggs for hatching. Circular. Hillcrest Poultry Farm, Box 182, Chili, N. Y. 3-4-3

SINGLE COMB WHITE LEGHORN CHICKS. \$12.00—100. Single Comb White Orpingtons \$25.00 per 100. \$15.00 per 50. None better. Haupt Hatchery, Easton, Pa. 3-4-3

BABY CHICKS, Orpingtons, Rocks, Reds, Wyandottes, Leghorns, all varieties. Send for catalogue. W. C. Yard, Trenton, N. J. 3-4-3

BABY CHICKS from Farmer's rugged stock. Rose Comb Reds, White Wyandottes. Rose Comb Buff and Single Comb Brown Leghorns. Circular free. White Creek Hatchery, West Rupert, Vt. 3-5-3

BABY CHICKS—S. C. White Leghorns and White Wyandottes, ten and fifteen cents each, respectively. Shipped anywhere. Safe arrival guaranteed. Woodlands Farm, Box W, Iona, N. J. 1-4-3

BABY CHICKS—S. C. W. Leghorns, Young's strain \$10 per 100. White Rocks \$12 per 100. Eggs from select matings \$3 per 15. Winans & Coffin, Box 14, Stanfordsville, N. Y. 1-4-3

MISCELLANEOUS

RATSDEATH: clear rats and mice like magic, drives them out to die, leaves no smell from dead ones. Money back if it fails to work, price 25 cents. Joseph Demenkow, 37 Dover Street, Whitman, Mass. 3-4-3

NO MORE SCRATCH GRAINS NEEDED when feeding **HEN-O-LA DRY MASH**. Write for booklet and prices to Hen-O-La Food Co., P. O. Box 405 W, Newark, N. J. 12-9-3

ORR'S CHICK FEED. The best chick feed now on the market, aids in preventing White diarrhoea. The most perfect, sweetest, soundest article for chicks yet offered. Will not get musty, you should use it for best results. Send for circular and price list. D. Lincoln Orr, Orr's Mills, N. Y. 4-5-3

POULTRY BREEDERS LEARN how to pick out the hens that always lay infertile eggs before you commence breeding. My method guarantees you 25 per cent more chicks than the average hatch. Send \$2 (not stamps) to John R. Kelly, 29 Starr St., Halifax, Nova Scotia. **FREE**—Every person that answers the above advertisement will receive a copy of my common-sense method of exterminating "Red Mites". No spraying or fumigating. 1-4-3

PRINTING FOR POULTRYMEN

PRINTING for Poultrymen, fine cuts used, samples free, mention your breed. W. A. Bode, Fairhaven, Pa. 12-12-3

WANTED

WANTED:—Experienced, Highly Recommended Poultryman desires position on plant or establish plant. Correspondence Solicited. Address, Box 375, Lexington, Va. 1-4-3

FOR SALE

UTILITY SINGLE COMB WHITE LEGHORN, eggs \$1—15. Chas. Reimann, Painted Post, N. Y. 1-4-3

INDEX TO ADVERTISERS

Aldrich Poultry Farm..... 504
 Almy, F. W. C..... 575
 Alt, Henry W..... 563
 American Buttercup Club..... 546
 American Fdry. & Mfg. Co..... 541
 American Poultry Journal..... 8 581
 American Poultry Pub. Co..... 2 5
 Anderson, A. M..... 564
 Anderson, Louis..... 581
 Andrewes, Fred A..... 527
 Andrews, J. W..... 554
 Arlington Automatic Fountain Co... 527
 Armer, Fred..... 548
 Armstrong Bros..... 538
 Armstrong Poultry Farm..... 561
 Arnold, Aug. D..... 547
 Automatic Sanitary Trap-Nest Co... 581
 Ayres, Levi A..... 555

Babcock Poultry Farm..... 577
 Bailey, A. S..... 531
 Baldwin, Wesley..... 551
 Bean, Frank G..... 543
 Beardman, E. H..... 542
 Beatty, Carl C..... 556
 Beebe, M. L..... 571
 Belle City Inc. Co..... 578
 Besuden Bros..... 536 537
 Billman, Dr. G. G..... 543
 Bird Bros..... 521
 Blink Bonnie Poultry Yards..... 559
 Blue Hill Poultry Yards..... 569
 Bonfoey, L. C..... 524
 Bonnie Brook Ply. Farm..... cover 3
 Bown, Lew H..... 509
 Boyan, J. C..... 554
 Brace, Wm. F..... 553

Brady, J. S..... 509
 Brent, C. S..... 555
 Briggs, Edgar..... 572
 British Bros..... 561
 Broadfield Farm..... 557
 Brooks, Mrs. Andrew..... 560
 Brubaker, E. E..... 539
 Buckeye Inc. Co..... 562
 Burgott, Geo. H..... 539
 Burleigh, J. F..... 525
 Burt, J. E..... 558
 Buschmann-Pierce..... 545
 Byers, C. S..... 515
 Cadwallar, T..... 538
 Caldwell, R. C..... 573
 515 532 533 540 557 569 570 573
 Candee Incubator Co..... 569
 Cannon, Dr. Hadley..... 565

Card, W. H.	539	Humphrey & Son	555	Poultry Appliance Co.	543
Carpenter & Carpenter	581	Hull, W. G.	550	Power & Cabliss	561
Carroll, J. E.	576	Hunt, H. J.	532	Prairie State Inc. Co.	546
Carter, Ezra	556	Huston, Jas.	525	Pratt, C. W.	563
Carter, J. T.	557	Ideal Ply. Yards	544	Pratt Food Co.	584
Casterline, J. B.	555	Inter. Ply. Sales Co.	574	Prescott, F. M.	578
Cauffman, Geo. H.	561	Ives, Paul B.	561	Prescott, H. B.	541
Chase, W. O.	526	Jackson, Lawrence	503	Prideaux, Mrs. L. L.	564
Christie, F. W.	535	Jacobus, M. R.	525	Prudhomme, Dr. B.	580
Clark, A. G.	542	Jeffrey & Hervey	544	Pruyn, John W.	549
Clark, Thos. A.	558	Jenkins & Park	539	Queen Inc. Co.	562
Clearview Runner Farm	583	Jodrey, J. C.	575	Ralston Purina Mills	533
Clemans, R. O.	524	Johnson, M. M.	3	Red Feather Farm	575
Close-To-Nature	524	Johnston, Mrs. Boyd	572	Red Lion Ply. Yards	539
Coe, Claude E.	551	Jordan, Dr. H. M.	554	Red Ply. Yards	527
Condley, Jas. F.	544	Keeler, Chas. W.	507	Red Sox Farm	556
Congdon, W. A.	cover 3	Keery Co., Thomas	583	Reepmeyer, J.	557
Conkey Co., The G. F.	574	Kenmore Ply. Farm	565	Reepmeyer, Wm.	538
Conklin, Lee Roy	543	Kennedy, J. Fred N.	cover 2	Richardson, M. C., Jr.	551
Cook, Wm. & Sons	517	Kerlin Farm	561	Rhode Island Red Journal	551
Cox, A. B.	539	Kettering, H. R.	571	Ridge Egg Farm	508
Cox, Jas. T.	544	Keyes-Davis Co.	543	Riley, C. E.	557
Crooks, Sumner G.	575	Kievit, Cornelius	572	Riley, H. D.	528
Crossley, J. H.	533	Klingbeil, Paul	535	Rockland Farm	545
Curtis, D. V. G.	576	Kittselman Bros.	573	Rockwood Farm	cover 3
Cyphers Inc. Co.	6	Knapp, B. R. & O. A.	531	Rocky Run Farm	543
Daily, Guy	555	Kortlander, J. W.	565	Rose, Hugh A.	559
Dam Poultry Yards	576	Kulp, W. W.	561	Rowan, R. A.	527
Darling & Co.	584	Lapp, H. E.	563	Royal Poultry Farm	549
Darrow, E. B.	531	Lichtenwalter, E. H.	531	Russell Cave Ply. Farm	570
Darst, C. N.	526	Lietz, H. F.	548	Sanborn, Dr. N. W.	557
Dartmoor Yards	555	Linfield Ply. Farm	558	Sands, LeRoy E.	551
Davis, F. W.	532	Lisk, F. C.	530	Schenley Heights Ply. Yds.	565
Dean, E. F.	554	Little, T. L.	560	Seoville, C. S.	527
Dearborne & Sharpe	521	Little, Geo. W.	538	Scott Hdw. Co.	523
Deming, H. P.	542	Love, W. E., Jr.	571	Scott, J. Alvin	522
Diamond Egg Box Co.	569	Magenta Ply. Farm	583	Scranton, B. H.	562
Dodge, F. M.	569	Manhattan Farms	cover 2	Seaman & Bogert	576
Douglass, H. B.	522	Mann Co., F. W.	575	Seigfried, Le Roy	575
Dunrobin Farm	550	Mapes, O. W.	523	Shaylor & Son, C. H.	550
Dune Alpin Ply. Farm	518	Maplewood Ply. Yards	cover 3	Sheer, H. M.	563
Duplex Inc. Co.	548	Mapledale Ply. Farm	541	Sheffield Farms	579
Eakin, F. M.	538	Maplecroft Ply. Yards	541	Shorewood Farm Co.	578 581
Eaton Grain & Feed Co., R. D.	580	Martin, John S.	516	Simplex Brooder Stove Co.	3
Edgement Ply. Farm	526	Marshall, W. G.	543	Skylands Farm	544
Edgewood Farm	560	Martz, E. A.	514	Smith, Phillip	533
Elm Poultry Farm	549	Marvel Ply. Farm	571	Snyder-Janke Ply. Farm	559
Elm Poultry Yards	559	Masten, Mrs. W. P.	541	Springside Ply. Farm	542
Elmwood Poultry Farm	550	Maxson, L. A.	559	Spruce Farm	538
Essex Inc. Co., Robt.	533	Maywood Ply. Farm	524	Square Deal Ply. Farm	561
Everett, C. W.	544	McBride, J. W.	527	Staaff, Chas. H.	563
Everlay Farm	571	McEwan, Chas. B.	558	Stair, Jas. H.	575
Fairfield Ply. Farm	544	McKee's White Orpington Yds.	564	Stiles, Chas. L.	545
Fairfield Farms	521	McKittrick, T. A.	556	Stirdivant Farms	562
Fairhaven Ply. Farm	556	McLean, Louis T.	557	Stover Mfg. Co.	525
Fairview Farms Co.	523	McNeil, J. W. & J. Edw.	542	Suffolk Farms	555
Feathered World	581	Meadowbrook Ply. Farm	549	Sunny Bank Ply. Yards	576
Feather Cleaner Mfg. Co.	525	Merihew, L. E.	533	Sunnybrook Farm	508
Ferris, G. B.	540	Michener, Karl	582	Sunny Side Ply. Farm	541
Firefly Farm	539	Michigan Ply. Farm	553	Sunswick Ply. Farm	577
Fishel, J. C. & Son	cover 4	Midlothian Farm	523	Swartz, J. A.	581
Fishel, U. R.	9	Miller, J. W.	580	Taylor Instrument Co.	582
Fisher, A.	549	Monmouth Ply. Farm	1	Terwilliger, G. W.	581
Fiske, H. J.	544	Moody, A. M.	541	Tecktonius, F. A.	505
Fogg, N. V.	555	Moore Bros.	543	Thompson, E. B.	cover 4 512
French Co., R. T.	545	Morgan Bros.	544	Tilton, A. F.	558
Fritz-Krick	544	Mount Pleasant Farm	526	Tolman, Jos.	553
Frost, Wilson H.	554	Mountain View Farm	558	Tompkins, Lester	543
Gabriel, Fred C.	533	Natural Hen Inc. Co.	557	Turner, Edward	531
Genesee Cooping Co.	524	Neafie Bros.	556	Turtle Point Farm	503
Glenholme Farm	522	Neil, F. O.	531	Twin Oak Farm	530
Globe Elevator Co.	545	Nescopeck Ply. Farm	561	Tywacana Farms	577
Glover, H. Clay	525	Neubert, R. F.	563	Up-To-Date Mfg. Co.	573
Gould, Harold W.	530	N. Y. & N. J. Ply. Farm	540	Uhl & Co., M.	583
Grannis Bros.	535	New Washington Breeding & Hatch Co.	526	Urban Farms	571
Green, H. B.	577	Nixon, Chas.	520	Valentine Ranch	549
Grove, E. L.	559	Noeth, Geo. E.	cover 3	Valley View Poultry Farm	578
Grove Hill Ply. Yards	507	Oakland Ply. Farm	519	Van Alstyne, J. F.	530
Haddock, Stewart	582	Oculum	574	Vierheller Bros.	560
Hageman, Jno. A.	555	O. K. Co., The	530	Vincent, Jas. H.	553
Halbach, H. W.	532	O. K. Sales Co.	532	Wadsworth & Castor	538
Hallenback, L. M.	560	O. K. Stock Food Co.	547	Wahebe Bantam Yards	561
Hall Mammoth Inc. Co.	583	Old Acres	529	Ward, J. W., Jr.	cover 3
Hancock Inc. Co.	574	Ondawa Farm	557	Ward, Jesse	524
Harris, W. S.	549	Onlya Farm	563	Watson, Ira P.	561
Harrison, F. E.	550	Orr, Lincoln D.	564	Wayne Ply. Yards	535
Harter, S. H.	561	Overlook Ply. Farm	532	Weaver, W. J.	556
Hawkins, A. C.	cover 4	Owen Farms	551	Webster Farms	531
Heatwole, Jas.	525	Owen Co., The	531	Wellcome, F. O.	541
Heneta Bone Co.	548	Parks, J. W.	510	Wellington Red Farm	525
Hewke, Theo. B.	556	Park View Ply. Farm	554	Wendell Inc. Co.	522
Highland Farms	521	Parsons Ply. Plant	553	Wheeler, G. L.	515
High Worth Ply. Yds.	527	Park View Ply. Yards	575	Whitbeck, N. J.	560
Hill, L. H.	542	Partridge, Chas. W.	542	White, Geo. W.	572
Hill, Louis V.	559	Pasteur Laboratories	583	White Birch Ply. Farm	548
Hill Crest Farm	522	Patteson, W. M.	553	Whitney & McEwan	560
Hillcrest Poultry Farm	541	Payne Bros.	530	Whylands, A. A.	557
Hilldorfer Bl. Minorca Farm	556	Peer, Thos.	558	Wilcox, H. L.	547
Hillhurst Farm	555	Peerless Ply. Co.	575	Willets, W. M.	509
Hine, A. L.	523	Pensyl, C. L.	526	Willow Branch Ply. Farm	539
H. O. Company	582	Pen-Y-Bryn	527	Wilson, O.	575
Hodgson, F. E.	547	Phelps, F. J.	564	Wilson Bros.	555
Hopkins & Wernicke	564	Phillips, E. W.	525	Wood, Chas.	547
Hoosac Farms	578	Pilling & Son	523	Woodward, F. E.	583
Horseshoe Ply. Yards	550	Pittsburgh Steel Co.	573	Wright, D. H.	549
Howard Mfg. Co.	560	Pittsfield Ply. Farm	9	Yama Farms	567
Howell, Geo. L.	538	Potter & Co., F. T.	560	Young, D. W.	13
Howell, L. D.	cover 3	Poole, Theo.	571	Zeigenfus, C. H.	527
Howland, Stuart	562	Poorman, J. G.	523	Zenner Disinfectant Co.	574
Hummel, S. A.	538				



Silver CAMPINES Golden

The Chmpions of Them All

My winnings at Allentown, Hagerstown, Grand Central Palace, N. Y., Philadelphia, Boston, last but not least **Madison Square Garden, 1913**, in hot classes as the entries show, I won four times as many firsts as all other breeders combined. Nuff Said. **Mating and Egg List Ready.**

MANHATTAN FARM,

GEO. E. NOETH, Owner,

BRIGHTON, N. Y.



"Ward's Champion Dark Cornish"

JOHN W. WARD, Jr., Box 6, PENNINGTON, N. J.

won 30 regular prizes on 33 entries against 268 birds shown by 40 other exhibitors at 5 of America's greatest 1912 shows. *Send red stamp for matings, wins and prospectus of my trip to England for Cornish this summer.*



MINEOLA STRAIN

Buff Wyandottes

L. D. HOWELL, MINEOLA, N. Y.

CONGDON'S Barred Rocks

BRED FOR UTILITY AND BEAUTY

Write your wants in Cocks, Cockerels, Hens, or Pullets. \$2,000 invested, 20 years' experience.

INCUBATOR EGGS, \$5.00 per 100
40.00 per 1,000.

New booklet free.

W. A. Congdon, Waterman, Illinois
BOX 404

Maplewood Poultry Yards, H. W. Hayner, Supt., Attica, N. Y.

Again sweep the deck by winning the two most coveted prizes at the Big Batavia Show (over 1,300 entries), January 22-27, 1913.

SILVER CUP FOR BEST MALE IN SHOW

(won by S. C. W. Leghorn Cock)

SILVER CUP EXHIBITOR WINNING MOST POINTS

13 firsts, 14 seconds, 13 thirds, 8 fourths, 4 fifths and other specials too numerous to mention. Why not buy stock, eggs and chicks from a Farm that has proven its superiority and sells at reasonable prices. Send for catalogue of S. C. W. Leghorns, White Wyandottes, Pekin Ducks, Indian Runner Ducks. Stock and eggs for sale. Baby Chicks a specialty. Send for list of winnings at Syracuse State Fair, 1912, International Show, Buffalo, 1913.

The Bonnie Brook Poultry Farms

Strain Single Comb White Leghorns. Day Old Chicks



We are offering after March 1st, Day Old Chicks bred from our heavy producing strain of Single Comb White Leghorns. Neither time nor money has been spared in building up this flock of heavy producers. Experts have pronounced our birds and their eggs beyond reproach, size, color and quality of eggs have been kept in mind in building up our flock. Let us book your order for strong livable chicks, that we guarantee to arrive safe and to please you.

We have safely shipped chicks to hundreds of customers and pleased them, why not you?

H. L. Davis, Mgr., R. D. Box 90A, Saratoga Springs, N. Y.



1st Prize Cockerel and Champion Male and 1st Prize Pullet and Champion Female at Madison Square Garden, New York, 1913.

E. B. Thompson's Imperial Ringlet Barred Plymouth Rocks

Win the most wonderful record beyond all precedent in Barred Rock history at the Imperial and Most Classic Show of all America, Madison Square Garden, New York, this Winter of 1913. See pages 512 and 513 for this unprecedented achievement unequalled in the annals of Madison Square Garden history. My Imperial "Ringlets" won more firsts, regular and special prizes than any exhibitor of any breed. I will sell you grand cocks, cockerels, hens and pullets of this same richest New York blood and mate them to produce prize winners. *I will sell you eggs from the finest exhibition matings in the world.*

THERE IS NO STRAIN OR LINE THAT CAN WIN IN COMPETITION WITH MY BEST IMPERIAL "RINGLETS" MR. E. B. THOMPSON, WILLIAMSPORT, PA., December 31, 1912.
Dear Sir:—From the Imperial "Ringlet" eggs ordered from you last spring I have 23 of the most healthy and well marked birds both in shape and harring that I ever had the pleasure to lay my eyes upon. Out of the 23 birds I have exhibited 13 with the following results: At our Williamsport show in competition with 340 Barred Rocks I won 1st prize on cockerel on two entries. At Hughesville, Pa., showing 13 birds, I won 1st, 2nd and 4th on cockerels, three entries; 1st, 2nd and 3rd on pullets, three entries; 1st pullet bred cockerel, one entry; 1st, 2nd, 3rd, 4th and 5th on cockerel bred pullets, six entries. I have sold three of the cockerels at \$25 each and have refused \$150 spot cash for my 1st prize Williamsport cockerel and \$50 for the other cockerel; I also refused a very flattering offer at Hughesville for my complete line of pullets. I must acknowledge the Imperial "Ringlet" strain is positively the best I can get. You may depend upon me for a very substantial order very soon. Yours truly, C. E. LEIBENBERGER.

My Imperial "Ringlet" Eggs are the best that money can buy—they produce prize birds. You may get a single chick worth 20 times the cost of the eggs—a bird worth hundreds of dollars. Richly illustrated 70-page catalogue upon request. It is full of original pictures of New York winners from life.

EGGS from the finest exhibition matings in the world, \$10 per setting; four settings, \$35; one hundred eggs, \$60.

See My Other Ads. *E. B. Thompson* Lock Box 330, Amenia, New York

A. C. HAWKINS' ROYAL BLUE BARRED ROCKS SWEEPSTAKES CHAMPIONS AT New York, Boston and Chicago



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York

They have produced the winners at the World's Greatest Shows for 25 years, and at the Great New York Show, 1911-1912, made a WORLD'S RECORD, winning six out of eight prizes awarded on Barred Rock Cockerels, including First Prize and Sweepstakes Silver Cup for Best Cockerel, and Grand Special Prize for Best Cockerel Mated Pen.

AT CHICAGO, Dec., 1912, in a class of over 400 Barred Rocks they won Four First Prizes and the GRAND SWEEPSTAKES CHAMPIONSHIP \$100.00 CUP for the Best Display of Barred Rocks. My White Rocks and Columbian Wyandottes have won more prizes at New York and Boston than any other strain and have no superiors.

2000 CHOICE EXHIBITION and BREEDING BIRDS for sale at honest prices. Finely illustrated Catalog of the World's Champions Free.

A. C. HAWKINS' LOCK BOX 30 LANCASTER, MASS.

EGGS
FROM THE
"ALL STAR" Matings

1 Setting	- -	\$10.00
2 Settings	- -	18.00
3 Settings	- -	25.00
100 EGGS	- -	50.00

BARRED ROCKS
WHITE ROCKS
COLUMBIAN WYANDOTTES
There Are None Better.

THE WYANDOTTES

are acknowledged by all poultry authorities to be the greatest utility and fancy fowl.

What could be more beautiful than the White Wyandotte with its clear white plumage, red comb and face, and rich, yellow legs. Snow White Wyandottes are bred for utility alone, others for exhibition purpose only, but

"THE WORLD'S BEST STRAIN"

is bred to the highest degree of perfection for both exhibition and utility purposes. If you want birds that will breed exhibition birds we can supply you, if you want utility birds, heavy layers, write us. If you need a cock or cockerel for breeding purpose we have them by the hundreds, females for breeding for fancy and utility purpose by the thousands.

If you want EGGS FOR HATCHING we have twenty pens mated, never before have we had such quality in our breeding yards, and we do not believe they can be equaled. Eggs \$10 per setting prepaid by parcel post. Every pen headed by a winner or a bird with the blood of conquerors in his veins. Remember that Fishel's "World's Best Strain" of White Wyandottes win wherever shown, by ourselves or our customers. Eggs from our large flocks of heavy layers, bred for eggs and broilers, \$10 per hundred, \$5 per fifty.

BABY CHICKS from our exhibition matings at \$1.50 each. From our heavy layers at forty cents each.

OUR NEW CATALOGUE pronounced by all who have seen it the greatest book ever issued with all the information obtainable in regard to the poultry business mailed for twenty-five cents. Our illustrated price list is free, send for one today.

J. C. FISHEL & SON, Box W, HOPE, IND.

