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# THE CANADIAN POULTRY REVIEW

DEVOTED TO POUSTRY, IN ALL ITS BRANCHES

FOR THE FANCIER, THE FARMER AND THE SMALL BREEDER.

Vol. XXIII.

124 VICTORIA STREET, TORONTO, SEPTEMBER, 1900.

No. 9

## NOTES AND COMMENTS

### THE FALL AND WINTER CAMPAIGN.

THE Review is now preparing for a great advance movement all along the line in all sections of poultry breeding, the purely fancy, the practical and the safest, or combination of both. Last winter our columns were taxed to get all the matter in that we would desire, and anticipating a still further augmentation the coming season, we have decided to reduce, at any rate for the present, the size of type we have been using in our pages. The change begins in this issue, a page of reading equalling one and two third pages of that formerly used.

### WE MEAN TO KEEP ON TOP.

Secretaries of Winter Shows should get their announcements in early, as exhibitors will from now on be on the look out as to where they can exhibit to the greatest advantage and which dates will fit in best. Don't put off till the last moment and then expect to reap the fruits of others' efforts.

Through the courtesy of Mr. F. A. Converse, superintendent of live stock at the coming great Pan-American Exposition to be held in Buffalo in 1901, we learn that the poultry section of the Exposition will be held some time in October. This will suit Canadian exhibitors well, as our large fairs will then be over.

Arrangements are being made to recognize all varieties of fowls that have merit enough to warrant a place in the list. Specialty clubs and associations all over the continent have signified their willingness to assist with specials and the support of their members.

The classification will be: for pens, \$5, \$2.50, \$1.25, V.H.C. and H.C. In the open classes, the prizes will be, \$4, \$2, \$1, V.H.C. and H.C., in all four sections, cock, hen, cockerel and pullet. This is liberal if the entry fee is not put at too high a figure.

We do not know what steps the Provincial and Dominion Governments intend taking to assist breeders of live stock of all kinds to make an entry worthy of Canada, but doubtless at the right time their intentions will be made known.



The Review recognizes the fact that a great part of its business is the direct result of poultry exhibitions which give good birds a value they would not otherwise have. Recognizing this, we want to help the shows, and with this object in view have had hand-

some bronze medals cast, of which the above engraving is a fair copy of actual size, though of course, it cannot show the raised design. These medals are one and three quarter inches in diameter, one side as above, the obverse side containing the words, in a circle, "Canadian Poultry Review Special," with a blank space in centre for location of show and date. These medals we intend to offer at shows that patronize the Review, one or two to each show, according to size. We might add that the medals were cast in England from specially engraved dies.

### WE NEVER SLEEP.

Mr. Jos. Jeffrey, the St. Catharines barred Plymouth Rock breeder, has invested in a twelve acre fruit farm, about one and a half miles from the city, and expects to move there at once. This may prevent him from showing at the Industrial, but if he does show, his birds will have to go as they come from their pens. Mr. Jeffrey will add some of the other utility breeds to his stock of Plymouth Rocks.

Mr. J. F. Crangle, who has brought Fishers Island Farm Stock up to its present high grade, writes: "I leave Fishers Island Farm October 1st. I built up this plant from 150 hens to 5,000. After I leave here I will have entire charge of Valley Farm, Simsbury, Conn., twelve miles from the city of Hartford. Every building on the farm will be newly built on the most modern lines; we hope and expect to have one of the best strictly

fancy plants in America. When we get the plant started, you will receive ad. from me. We will be pleased to have you make us a visit at any time." We wish our esteemed friend a big measure of success.

Mr. L. G. Jarvis and his family have moved back to Canada again, and are now residents of Montreal, where Mr. M. P. Jarvis has found occupation in a more lucrative position than he held at the Uplands Poultry Farm. The extreme heat of Maryland did not agree with any of Mr. Jarvis' household, used to our bracing Canadian atmosphere, and so he thought it better for many reasons to make the change.

Mr. Jarvis' return to Canada will permit of his accepting engagements to judge winter shows, and we feel sure after this is known his slate will rapidly fill.

The improvements to the grounds, buildings, exhibits, etc., of the Central Canada Exhibition Association are many and expensive. The grand stand is now over a thousand feet long and will accommodate comfortably over 15,000 people. The new horticulture building has been equipped with a beautiful and costly fountain placed in the centre of a mound of moss and ferns. A series of colored electric lights have been arranged to strike on the falling spray, making a most beautiful effect. The manufacturers' building is thrown open to the world, and exhibiting space is absolutely free. Power to drive any and all machinery placed therein will also be furnished gratis during the exhibition, and manufacturers desiring to exhibit will find everything in readiness for their accommodation and convenience. The live stock accommodation has been improved upon this year and the stables and pens thoroughly overhauled and renovated. Straw for bedding will be furnished free by the Association, while hay and feed may be procured on the grounds at the prevailing market prices. For those desiring warm water or cooked food a number of large food cookers have been secured which will doubtless be found of great convenience to those who require them.

We are advised by Mr. Lovell, who we are sorry to learn is not yet able to be out, that a meeting of the I.F. P.M. will be held at one of the large fall fairs, on the other side, when the constitution and by-laws will be revised and plans worked out on a more practical basis. The preliminary part of the work was done too hurriedly and without sufficient thought, and so a great deal of it will need amending.

Ottawa is now assured of a big poultry show at their annual fall fair, but that is no reason why anyone should hold aloof from sending them an entry. The more entries the secretary gets, the fuller will the list be

entries close on September 5th. The list is a full one and the fee low.

Mr. Geo. H. Northup, Raceville, N.Y., is so favorably and so long known as a breeder of black Minorcas, that little may be said in the way of introduction to our readers. Several of his birds are depicted elsewhere, and attached to the engravings, we have given a brief history of each. Mr. Northup has made Minorcas practically a life-study, and has been unusually successful as a breeder and exhibitor, his strain being in the hands of exhibitors all over America. He has a large and satisfactory business in Canada. He has now been



MR. GEO. H. NORTHUP, RACEVILLE, N. Y.

made. There is ample time yet to enter, as closing date is September 12th, but don't put off too long.

Henderson & Billings, St. Mary's, is another firm that intends embarking largely in the poultry business. They have bought a seventy-six acre farm and will locate on it at once. For this reason they will not show this year, but we understand, that as they have already made several good sales, their young stock will be represented at Quebec and other shows.

We would again remind any of our readers who purpose showing at the popular Western Fair, London, that

actively engaged in breeding and showing Minorcas for fifteen years, and has made many importations of the best to be had. As a poultry judge, Mr. Northup's services are in demand, more so than he can afford the time to give. Amongst other shows he judged last winter were Brantford, Ont., and Philadelphia, Pa. He has already been engaged for next winter's show at the latter city.

**S. C. Brown Leghorns.**  
THE KIND THAT WON AT  
NEW YORK AND BOSTON IN 1900.  
Eggs \$2 and \$5 for 13.

Catalogue Free. **GEO. H. BURGOTT,**  
Empire State Farm, Lawton's Station, N.Y.



## GOOSE BREEDING.

(Continued.)

### NOTES ON THE HATCHES.

**T**HE first period of growth began with the hatching of the goslings, and extended to the time of the first weighing. It varied in length from 30 to 39 days, and, therefore, the amount of daily growth is the only just basis of comparison between the different hatches. No account is taken of the original weight of the gosling when hatched, but the average weight of the goslings from each mating is divided by the number of days, and the result in ounces given as daily growth.

#### FIRST PERIOD OF GROWTH.

**First Hatch.**—At 35 days old the brown China-Toulouse cross was heaviest, weighing 2.78 pounds, and the Embden-African second, with Toulouse-Brown China third, and nearly as heavy as the first. The best average daily growth was 1.27 ounces.

**Second Hatch.**—This hatch was weighed first at 39 days old, and was heavier in proportion to age than any other hatch, five of the crosses averaging five pounds or more each in weight. The heaviest was brown China-Toulouse, then white China-Emden, Embden-African, African-Toulouse, and brown China-African in the order named. The Toulouse-Emden cross was the lightest, weighing only 2.91 pounds. The daily growth averaged 2.27 ounces for the heaviest goslings.

**Third Hatch.**—The goslings of this hatch were weighed first at 35 days old. The brown China-Toulouse cross, of which there were ten in this hatch, were heaviest, averaging 3.58 pounds in weight, equal to a daily growth of 1.63 ounces. African-Emden almost equaled the weight of the heaviest birds, and Embden-African, African pure, and brown China-Emden were but little lower in weight.

**Fourth Hatch.**—These goslings were weighed first at 30 days old, and the

heaviest was again a brown China-Toulouse cross. The second in weight was African-Toulouse, and the third, Embden-African. The best daily growth was 1.71 ounces, made by the first-named cross.

**Fifth Hatch.**—The first weight was taken at 35 days old, and the Embden-African cross was found to be the heaviest; African-Emden, second, and African-Toulouse, third. The best average daily growth was made by the heaviest birds, and was 2.15 ounces.

**Sixth Hatch.**—Only five crosses and one pure bred were included in this hatch. A brown China-Emden weighed most at 39 days old, and brown China-Toulouse and African pure were second and third. The daily growth of the heaviest averaged 2.05 ounces.

#### SECOND PERIOD OF GROWTH.

The second period ended when the goslings were about eight weeks old, and varied from 16 days to 26 days; four of the hatches being just 21 days between the weighings. The goslings were from 55 to 60 days old.

**First Hatch.**—The brown China-Toulouse cross was heaviest, weighing 7.06 pounds at 56 days old; African-Toulouse, African-Emden and Embden brown China were nearly of equal weights, and a trifle less than 6.50 pounds each. The first-named cross made an average gain, for the 21 days of this period, of 3.26 ounces, but the greatest gain was made by an Embden-Brown China, viz., 3.71 ounces per day.

**Third Hatch.**—The pure bred Africans were heaviest at this weighing, having gained 3.84 pounds each in 21 days, or 2.92 ounces daily. The Embden-African cross was second to Africans, and the brown China-Toulouse cross third. All other goslings failed to average seven pounds each in weight.

**Fourth Hatch.**—African-Toulouse goslings were heaviest at this weighing, with brown China-Toulouse nearly equal to them in weight, and Embden-African and Toulouse-African crosses not far behind. The daily gain made by the first named cross was 2.99 ounces.

**Fifth Hatch.**—The Embden-African cross was the heaviest; African-Emdens, second, and African-Toulouse held the third place, and these three crosses were the only ones averaging

over 8.5 pounds each. The next best weight was 7.75 pounds in the case of the brown China-Toulouse cross, and all others were lower. The best daily gain was made by the African-Toulouse cross, and was 3.16 ounces.

**Sixth Hatch.**—The brown China-Emden cross was again the heaviest, with the pure bred African second, and Toulouse-brown China third. The greatest gain was made by the African, and equaled 3.81 ounces daily.

#### THIRD PERIOD OF GROWTH.

The third weighing was made as nearly as possible at ten weeks old. The goslings were from sixty-nine to seventy-one days old, and the time since the second weighing varied from thirteen to sixteen days.

**First Hatch.**—The heaviest birds at seventy days old were the Embden-Africans, which averaged 9.83 pounds. Embden-brown China and Toulouse-African crosses occupied second and third places, and these were the only ones exceeding nine pounds in average weight. The first named cross made the greatest gain, amounting to 4.28 ounces per day. The brown China-Toulouse cross which made the greatest gain in the previous period of growth, made the poorest record in this, viz., 1.3 ounces per day.

**Third Hatch.**—The pure bred Africans maintained their supremacy, and weighed 9.22 pounds at sixty-nine days old, equal to a gain of 2.38 ounces daily in this period. The Embden-African, brown China-Toulouse, and African-Emden crosses were next in weight in the order named, and all others had an average weight of less than eight pounds. The greatest daily gain, 3.61 ounces, was made by a Toulouse-African, which made the lowest gain in the second period.

**Fourth Hatch.**—The Embden-African cross, at seventy-one days old, weighed 9.39 pounds. The brown China-Toulouse ranked second, and African-Toulouse third; all others

#### The 4th edition of James Rankin's Book, **NATURAL AND ARTIFICIAL DUCK CULTURE,**

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Canada's Favorite Live Stock, Agricultural and Industrial Exhibition.  
Most interesting specials added to the list this year.

## POULTRY DEPARTMENT NOT OVERLOOKED.

Prize Lists and Entry Forms simplified. Coops, feed and assistants furnished by the Association FREE. Entries close September 5th. For all particulars, and lists, apply to

COL. W. M. GARTSHORE, President.

J. A. NELLES, Secretary.

were below nine pounds each in average weight. The greatest gain made was 1.71 ounces per day by an Embden-Toulouse gosling.

**Fifth Hatch.**—The African-Toulouse cross weighed 11.25 pounds, and only slightly exceeded the Embden-African birds, which weighed 11.22 pounds. The third place is held by the African-Embden cross. The heaviest birds made the greatest gain, 3.14 ounces daily.

**Sixth Hatch.**—As at the two previous weighings of this hatch, the brown China-Embden was the heaviest bird, with pure bred African second, and Toulouse brown-China third. The greatest gain was made by the last named cross, and amounted to 2.40 ounces daily.

#### FOURTH PERIOD OF GROWTH.

The birds of the first hatch (and a few spared by the dogs from the second) were penned up for fattening four days after the third weighing, when seventy-four days old, and dressed for the market about three weeks later. The third hatch was also penned for fattening when seventy-three days old and dressed for market twenty-six days later. The fourth, fifth and sixth hatches were kept until late fall and winter, and were weighed at 150 and 151 days old.

**Fourth hatch.**—The brown China-

Toulouse and Embden-African crosses were nearly equal in weight, and the only ones exceeding thirteen pounds each at 150 days old. The African-Toulouse cross was third in weight, almost reaching thirteen pounds. The pure brown Chinas weighed least of all, only 7.91 pounds. The greatest gain was made by the Embden-Toulouse cross, and was just one ounce per day for the seventy-nine days since the third weighing.

**Fifth Hatch.**—The African-Toulouse cross were the heaviest birds, weighing 15.15 pounds each. Embden-African, brown China-Toulouse, and African-Embden were next in rank in the order named, and the only ones exceeding fourteen pounds in average weight. The pure white China weighing only 8.75 pounds. The greatest gain was made by the brown China-Toulouse, and was equal to 0.83 of an ounce daily.

**Sixth Hatch.**—Pure bred Africans exceeded the others in weight, although the brown China-Toulouse cross nearly equaled it, the weights of the two being 13.25 and 13.16 pounds respectively. The brown China-Embden, which held the first place through the three previous weighings, now has the third place, weighing only 12.56 pounds. The greatest gain was made by the brown China-Toulouse, and was 0.78 of an ounce daily.

## TURNING EGGS BEFORE HATCHING.

*Editor Review:*

**A**S there has been a lot said in July Review, in reference to turning eggs before hatching, I will give an instance to show that it is not necessary. I sold a setting of brown Leghorn eggs to a customer. I had some of the eggs on hand over a week before selling them, and he kept them one month before putting under the hen. He never moved the eggs whatever, and out of thirteen eggs got thirteen chicks, and raised them all. So I think the theory of turning the eggs is of no use.

JOHN GRANT.

Rockland, July 25, 1900.

## London Poultry Yards.

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BREEDER OF HIGH CLASS POULTRY,  
INCLUDING

White Cochins, all kinds of Poland and Hamburgs, Golden and Silver Sebrights, Black African, Pekin and Japanese Bants, Fowls for sale at all times, and eggs in season.

## $\frac{3}{4}$ INCH CARD

One year for \$5 paid in advance.  
Not taken for less than a year, and must in all cases be paid in advance.

## INCUBATORS and BROODERS.



We invite correspondence for this important department of commercial poultry raising, which is growing so rapidly in Canada.

### THE INCUBATOR HATCHED CHICK.

BY A. POET.

I'm the happiest chick that ever was  
hatched,  
'Tis true I've no mother to teach  
me to scratch;  
But that is as natural as it is for to  
eat,  
Any chick knows enough to dig  
with its feet.

I never get stepped on or turned up-  
side down  
By mother as she scratches for  
worms in the ground;  
And if I am cold and protection seek,  
I don't have to stand and implor-  
ingly peek.

I ne'er get shoved out in the cold  
by my brother,  
As there is plenty of room for us  
all under mother;  
Beneath her broad wings it is cosy  
and warm,  
and I'm safe from the heaviest wind  
or rain storm.

You say, "She is wooden," but that  
cuts no ice,  
She is perfectly free from vermin  
and lice;  
With nothing to torment me, I am  
healthy and strong,  
And rapidly grow as the days pass  
along.

SIXTEEN YEARS' EXPERIENCE IN  
"ARTIFICIAL POULTRY RAISING."  
AND

"The Incubator and its Use."

Both books by James Rankin, the most  
successful man in commercial poultry busi-  
ness. Each book covers its own ground  
fully. Price 25c. each by mail.

H. B. DONOVAN, - TORONTO.

THE heated term must have affect-  
ed the grey matter that directs  
the fortunes of our usually cor-  
rect confrere Farming, as the follow-  
ing paragraph from the report of the  
Winnipeg Show would indicate:  
Poultry—"This exhibit was shown  
under great disadvantages, owing to  
the birds being off plume and the  
young birds being in young. In num-  
bers the exhibit was a success for a  
new country." If the young are com-  
ing that way now and not from the  
orthodox eggs, the incubator men had  
better go into farming.

### THE RECORD KEEPS UP.

SEE you have printed the account  
of the hatches I sent you in the  
Review, so I thought I would send  
you account of the last two hatches  
we have had since then. One was  
226 eggs, hatch 200 chickens, the last  
hatch 196 eggs, 152 chickens, and the  
machine is full again, so if this one  
does as well as the rest, she will have  
hatched 1,000 chicks or there about.

I have just been thinking, if there  
would be anything in showing it at  
any of the fall shows, putting in the  
eggs so that they would be hatching  
on the days of the show. It would  
advertise the machine.

WILLIAM McFADDIN.

Pitt's Ferry, Ont.

### Editor Review:

I send you another unsolicited letter  
from our progressive farmer. You  
will note he reads the Canadian  
Poultry Review, which accounts for  
it. It would keep the 11 hens a-  
hustling to beat this record of a  
Cyphers' Incubator.

C. J. DANIELS.

## Closing Up

On account of Government position,  
must sell all my

HIGH CLASS BUFF COCHINS, BLACK  
SPANISH AND BUFF ROCKS.

Grand old and young stock. Sacrifice  
rates. Write at once.

F. C. HARE, WHITBY, ONT.

### A SPACE SAVER.

#### Editor Review:

Having noticed many articles in your  
columns on incubators and their  
management by different parties, I  
thought it would not be amiss for me to  
give you and your readers a soft shelled  
wrinkle which I think is new. In my  
last hatch I stood the eggs on end and  
filled the trays as full as possible, sav-  
ing 25 per cent. of room, thereby enab-  
ling me to get in 25 per cent. more eggs.  
At the fifth day my test took out suffi-  
cient eggs to enable me to lay them  
down partially on their sides, then at  
the tenth day the final test enabled them  
to lie down in the normal position. The  
result of the hatch was 90 per cent. of  
the fertile eggs. Have you or your  
readers experience in this matter?  
Have you ever tried it, and what do you  
think about it?

Yours truly,

A. STAFFORD.

Lancaster, Ont., Aug. 21st, 1900.

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again cover themselves with laurels. When at the

### Ontario Show, Peterboro'

in the hottest competition, they won Cock 3rd, Hen  
2nd, Cockerel 1st, Pullet 1st (more prizes than any  
other exhibitor in class) Also, 6 firsts, 6 seconds,  
1 third at

Toronto, "Industrial", Western London,  
Southern, Brantford Fall Shows, 1899.

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In the  
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or in the  
suburb  
money may be made in the  
poultry business by the  
employment of correct  
methods. You can't afford  
to keep hens to hatch and  
brood your chicks. A better  
and more economical  
plan and one more cer-  
tain of good results  
will be found in the  
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**RELIABLE  
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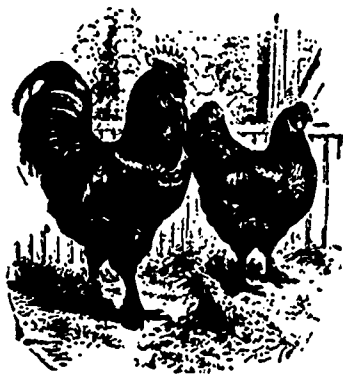
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### Black Langshans and Buff Wyandottes

A choice lot of youngsters are coming on! If you want the best I can supply you, and will take pleasure in satisfying you.

John F. Hill.

## WE WANT ROOM-

so are compelled to dispose of a number of trios of our best stock. These birds have all done their share of winning and can do the same trick again. Space will not allow of our stating what they have won, but we will be pleased to give full information and descriptions on application. As we require the room at once, the first enquirers will get the

### Lowest Price,

which is less than half their value, for with the warm weather we can run them in our summer houses and would not need to dispose of them at a sacrifice price. Do not think they are only surplus stock. They are the birds we kept last fall for our breeders and are our best. We will ship to reliable parties on approval, or if anyone purchases any and are not satisfied with them they may return them. Read this list over and write us for a description of what you want.

**Cochins**—1 trio Partridge; 1 trio Buff; 1 trio black; 1 trio white. **Langshans**—2 trios black. **Minorcas**—1 trio black; 1 pair white. **Polands**—1 trio W. C. black; 1 pen W. C. white. **Andalusians**—1 trio. **Game**—1 trio brown red; 1 trio Silver Duckwing; 1 pen Pile. **Bantams**—1 trio black Rose Comb; 1 white Cochon hen; 1 black Cochon hen. **Game Bantams**—1 pen black reds; 1 pen brown reds; 1 pen Piles; 1 trio Duckwings.

You will never get as good a chance again to secure as good stock at the prices we are asking. We have got to get the space these birds are using at any cost. You can more than make the price of them during the coming breeding season. Write us at once.

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fancy and common English Pheasants, Messrs. Abbott Bros. being frequently called on to judge at the largest poultry shows in England, have rare opportunities of purchasing for customers any variety of poultry which they do not keep themselves.

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Stallions and Mares of all ages and several prize-winners for sale, all registered in the Hackney Stud Book

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scriptive Catalogue, containing list of prizes and testimonials from customers in all parts of the world free on application.

### WHY IS THIS THUS?

MR. NEWTON COSH, while in Toronto a few weeks ago, complained that though he had won a special, offered by the West Chemical Co., of this city, at the "Ontario" Show of 1899, he has never been able to secure it. As the same occurred at the last "Ontario" Show, he thought he had good grounds for grievance. Now, the company think the grievance is on their side, and produce the two following letters as proof and ask why their specials were not given as offered and won.

The show is a thing of the past, but in justice to the West Chemical Co., who are regular patrons of the Review, we feel we cannot refuse to lay their side of the case before our readers, as "people will talk," you know. The letters referred to are as follows:

West Chemical Co., Queen St. E.,  
City.

Dear Sir,—The following exhibitors have won special (Disinfecting Fluid), which you so kindly donated to our show: James Forsythe, Owego, N.Y.; C. J. Daniels, 221 River St., Toronto; F. C. Hare, Whitby, Ont.; R. Oke, London; K. Durston, Toronto; E. Dewey, Toronto.

Yours truly,

R. DURSTON.

Toronto, February 2, 1899.

The West Chemical Co., Toronto,  
Ont.

Gentlemen,—In looking into the matter of specials kindly donated by you to the Ontario Poultry Association Exhibition at Toronto, 1899, I find from the prize list that the following were offered, one can each for the following: Best brown Leghorn cockerel, won by James Forsythe; best black Leghorn pullet, won by C. J. Daniels; best Spanish cockerel, won by F. C. Hare; best Andalusian hen, won by N. Cosh; best golden spangled Hamburg cockerel, won by R. Oke, five only. Mr. Durston will no doubt be able to explain what he and Mr. Dewey got them for.

Yours very truly,

THOS. A. BROWNE.

Late Secretary P.A. of O.  
London, July 31, 1900.



We invite items of news, correspondence, etc., for this department.

**BANTLINGS.**

OUR experience the past season has taught us that Polish Bantams require feeding by themselves or else they are likely to suffer for lack of sustenance. The large crest partly impedes the sight so that they are not able to feed as quickly as varieties not hampered with this top gear.

Do not feed Bantam chicks too much dry wheat at one feed is the advice we give; and this may apply also in the case of the larger breeds. If young chicks are fed a full cup of dry wheat they will drink freely, when the expansion of grain in the crop will end in trouble not easily overcome. When feeding wheat to Bantams—and we use it liberally—our practice is to steep it in warm water over night when it soaks up the water and expands greatly. It may be fed in this shape without danger.

Spratt's Crissel is simply a preserved granulated meat and is eaten freely by both old and young Bantams either in a dry state or mixed in the mash when the latter is used. It is cleanly, handy and fairly cheap as little need be used.

If you want a hardy Bantam, that will stand cold, that will lay fertile eggs, try the Cochins.

**INDIAN GAME BANTAMS.**

OF this Bantam Mr. F. J. S. Chatterton writes entertainingly in "Poultry."

"Of all the varieties of the miniature breeds of fancy poultry there is not much doubt that the Indian Game Bantam ranks as one of the handsomest and one whose list of admirers is gradually increasing. It is a variety which if once taken up thoroughly secures the admiration of its owner and breeder, and that admiration increases as the breeder gains prac-

tical knowledge of the variety. It is also a breed which gives one the opportunity of exercising one's abilities of breeding to show points, and one in which there is still room for improvement, such as producing the Bantams as ideal Indian Game miniature.

"I am pleased to be able to say that the breed has made good headway during the past twelve months, besides which there is an appreciable increase in the list of breeders, and I am hoping to see some good classes of Indian Game Bantams at our leading autumn shows and trust to find a lot of new names amongst the prize-winners.

"Now a few words as to the shape and colour of Indian Game Bantams. Birds of both sexes should be thick-set and very muscular, heads broad and thick with strong beaks, necks nicely arched and broad, hackle short and close-fitting, eyebrows, beetle-browed and eyes of a pale color; the body should be broad with good strong shoulders carried well up and fitting very close to the sides, legs short and thick, thighs well developed and rounded indicating strength, toes well spread, the hind toe fitting on to the ground and being in a line with the front centre toes, tail short and compact carried well down. The color of the cock should be of a rich lustrous beetle green black throughout except the outer sides of the secondaries which are a rich chestnut color. The color of the hen is—head and neck hackle deep lustrous black. The throat body and thighs of a chestnut ground color, each feather evenly laced with black having a beetle green lustre. The legs and feet in both sexes should

It is a moot-question whether this Bantam should be classed with the Game Bantams or not. In the case of the large Indian Game it is now generally accepted that it is not a game but a utility bird of highest merit.

**BUFF ROCKS**  
EXCLUSIVELY  
**ESSEX AND FORSYTH STRAINS**



"EMERSON"—From Life.

**50 THOROUGHBRED 50**  
**BUFF HENS**

**THIS YEAR'S BREEDERS**  
**FOR SALE.**  
**\$1.00 each.**

**4 FINE BUFF COCKS 4**  
**\$2.00 each.**

Entire lot, trios, or any number, sold at above prices. A chance to get choice birds at a low figure. Birds can be seen any time.

**FIRST COME, FIRST CHOICE.**  
**HERBERT H. BRADFIELD,**  
Morrisburg, . . . . . Ontario

**Housewives and Poultrymen!**

**\$1.00** Rids Hens of Vermin. Buy **EVAPORATING NEST**

EGGS (Medicated.) No dusting fowls or painting roosts. Just place them in the nests the same as china nest eggs. They evaporate, throwing off an odor that is obnoxious and destructive to vermin, and drive the lice and mites away in ten days is our guarantee. Agents wanted everywhere. Canvassing sample, 12 eggs, \$1. or descriptive circular free. Address,



**Nethaway & Hanson,**  
221 Wahoo Nel.

**L. H. DAVIS,**  
PORT JEFFERSON, N. Y., BREEDER OF

**PRIZE WINNING GOLDEN WYANDOTTES**

EXCLUSIVELY. STOCK AND EGGS IN SEASON.

**EGGS \$3.00 PER 15, \$5.00 PER 30.**



Single-comb Brown Leghorns, White and Buff Wyandottes, Houdans, Rose-comb White and Brown Leghorns, and Buff Plymouth Rocks. The largest stock of the above varieties owned in this country, and the records will substantiate the claim of SUPERIORITY AS TO QUALITY—not records made at the county fairs, but records made in the strongest competition at the greatest American shows—New York, Boston and Washington—where, in the past five years, my stock has been awarded 195 first, 60 gold specials, 13 silver medals, and 6 silver cups. The line of blood I am breeding and exhibiting has produced, and is to-day producing, prize winning specimens in every section of this country and in many parts of Europe. "Like begets like." Send for illustrated circular, giving full prize record of the leading and most popular strains of above varieties. Satisfaction is guaranteed.

#### GUERNSEY CATTLE.

SCOTCH COLLIES and FOX TERRIERS  
JAMES FORSYTH, Riverside Farm,  
Owego, Tioga County, N.Y.

Lock box No. 11.

IS ARTIFICIAL HEAT NECESSARY IN OUR  
POULTRY HOUSES DURING WINTER.

The Subject Discussed from different  
Standpoints.

BY A. G. GILBERT,

Manager Poultry Dept. Dominion Ex-  
perimental Farm, Ottawa.

## BUFF COCHINS

Exclusively

My birds during the past winter have won prizes at Toronto, Eastern Ontario, Detroit and Stratford.

A few cockerels still left for sale. Eggs \$3.00 per setting.

A. W. Bell,

536 Ontario St., Toronto, Ont.

### - Golden Wyandottes -

ECCS \$1.50 PER 13. BIRDS FOR SALE.

J. R. KENNEDY, AGINCOURT, says:—I had a hen nearly dead with roup, which your **Roup and Condition Powders** completely cured. 15 cents package.

**Frostine.** For frosted combs and other sores. 15 cents box. Ask your dealer for them, or send 5c. addition for postage to.

EXCELSIOR POULTRY YARDS,

301 18 Water St., Owen Sound, Ont.

### THE POULTRY ARCHITECT.

An Illustrated Book of Plans and Specifications for building Poultry Houses, Coops, Fences, Roosts, Nest Boxes, etc. Price 25c., worth a dollar. Address—H. B. DONOVAN,  
TORONTO, ONT.

### DO YOU WANT HELP?

Dr. A. W. Bell has addressed the following to the secretary of every Poultry Association in Ontario: You doubtless have noticed that a meeting of those interested in soliciting aid for the Local Poultry Associations from the Ontario Government has been called for Wednesday, September 5th, at 10 a.m. in the Board Room of the Industrial Exhibition on the grounds.

I trust that your Association may be represented by two or more delegates, as it is important that pressure shall be used from all sections of this Province.

Kindly discuss this matter in your Association, and come prepared to help in devising some workable plan that we can lay before the Hon. Mr. Dryden. I feel sure that our efforts will be useless unless the entirely practical side of poultry culture is brought strongly out.

Kindly let me hear from you in time, and send names of your representatives.

Yours truly,

A. W. BELL.

Toronto, Aug. 21st, 1900.

A breeder's visit to the city is not complete till he visits the large bird emporium of Geo. Hope & Son on Queen St. West. Here Fanciers may see foreign birds of different kinds that are not obtainable elsewhere, parrots by the hundred, monkeys, gold fish and all manner of pet creatures bearing either fur or feather. The store is beautifully clean, on a prominent street, and is visited by hundreds of ladies. The Review editor often spends fifteen minutes in looking over new animals from foreign parts, and as well as being interesting, it is educational, as extending our knowledge of bird and beast.

## POULTRY PORTRAITS.

### No. 1—ENGLISH TYPES.

Elegantly printed on Special Chromo Paper.

Size 9 x 12. Fit for framing. Contains:

1. Indian Game Pullet.
2. Black Hamburg Cock.
3. Pair Frizzle Bantams.
4. A Group of Bantams.
5. Embden Gander.
6. Pair Pekin Ducks.
7. Black Hamburg hen, "Perfection."
8. Buff Cochins Hen.
9. Silver Wyandotte Pullet.
10. Black Minorca Pullet.
11. Single Comb Black Orpington Cockerel.
12. Champion Black Langshan Cock.

Price 25 cents for the set of 12, free by mail, or sent free for two subscriptions to REVIEW.

Address H. B. DONOVAN, Publisher, 124 Victoria St., Toronto

## Special Sale.

I will sell all my yearling breeders in S. C. Brown Leghorns and Barred Plymouth Rocks at low prices.

1st S.C.B.L. cockerel at Guelph and Galt ..... \$5.00  
1st S.C.B.L. pullet at Galt ..... 3.00  
2nd S.C.B.L. cockerel at Galt. . . 2.00  
All the yearling females at . . . 75  
This year's cockerels for fall shows ..... 1.00  
This year's pullets for fall shows ..... 75

CHAS. MUELLER,

Here is a chance for "chicken men" in trouble. Everything to gain, and nothing to lose. Buy your Show Birds from a winning strain.



Grand Show birds; beautiful striped hackle and saddle on cockerels, and the soft brown backs on females, with rich salmon breast and grand hackle. **Barred Rocks**—Grand show birds. Cockerels at \$1, Pullets at 75c., all the yearlings at 75c. Great bargains in trios and pens.

Box 391, Waterloo, Ont.

## SPRAMOTOR

will do whitewashing, painting and spraying of fruit trees, or disinfect and purify poultry houses, kennels, cellars better and faster than 20 men with brushes. Send for 76 page copyrighted treatise. It is free.

Address:

Spramotor Co., London, Ont

## Breeders!

A card like this

(1 1/2 inches) will be inserted in REVIEW 3 mos. for \$3.00, 6 mos. for \$5.00, or one year \$8.00. Cuts may be used where we have them. 5 per cent. off for yearly contracts where paid in full in advance.

# The Barred Plymouth Rock.

WHAT IT WAS TWENTY-THREE YEARS AGO. WHAT IT IS NOW. IDEAL TYPES ADOPTED BY THE AMERICAN PLYMOUTH ROCK CLUB. THE OPINIONS OF EXPERTS AND MUCH OTHER INTERESTING MATTER.

NUMBER ONE, Vol. I., for July 1877, of the Canadian Poultry Review, contained as its frontispiece a cut of barred Plymouth Rocks which now would not be recognized as representing the breed. We reproduce it elsewhere. Compare it with the ideals of to-day.

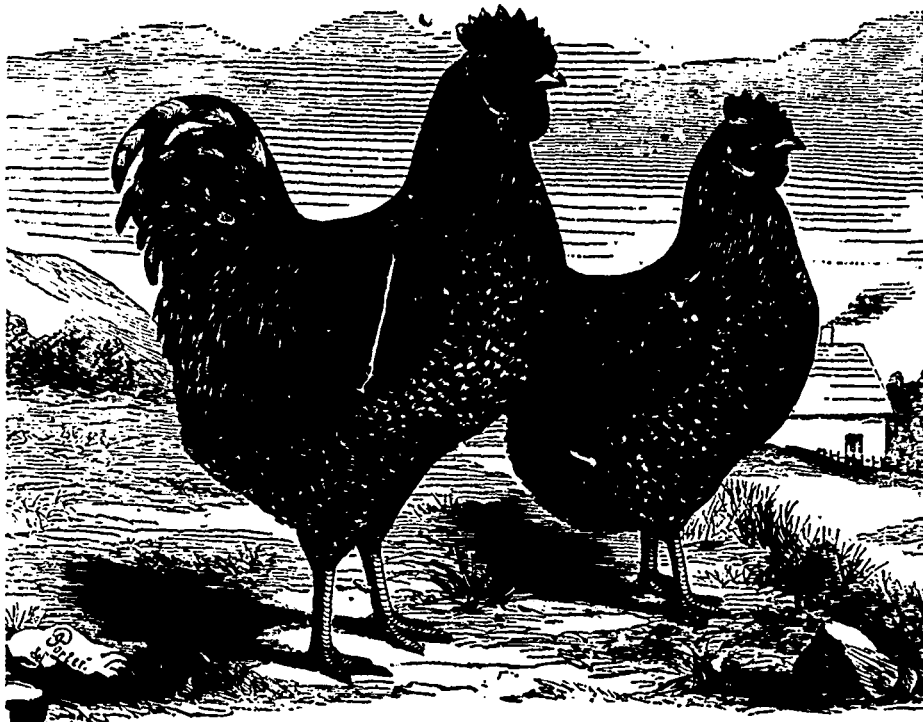
In the same issue of this paper,

writers maintain that it was produced by a cross of Cochin China cock with black Java hen, others that the progeny of these with the English gray Dorking was used; while others, and we believe nearest to the mark, that it is a cross of the Dominique and black Java, the cock of the former being used, and their single combed

first. The black Java blood asserts itself too plainly. The cockerels generally come much better. We feel satisfied that, in the hands of the experienced breeders of Canada who have taken them up, they will soon show a decided improvement in uniformity of color in the flock; they will certainly not degenerate.

THE STANDARD OF 1877.  
DISQUALIFICATIONS.

Birds not matching in the show-pen; feathered legs, or legs other than yellow; ear-lobes other than red; lopped combs; crooked backs; wry tails; splashes of white in the breasts or backs, or reddish or brassy feathers



BARRED PLYMOUTH ROCKS OF 1877.  
REPRODUCED FROM CANADIAN POULTRY REVIEW OF DECEMBER, 1877.

July, 1877, the following comments on the breed were printed, there was then, of course, but one color in Plymouth Rocks, the original or barred:

## PLYMOUTH ROCKS.

This valuable breed of fowls has attracted a great deal of attention of late in the United States, and is now found in many of our Canadian yards, where it is a great favorite. It is an American make-up, and many claim to be its originators—some

get selected for future breeding. On one point, however, all seem to agree, and that is, that they are an excellent fowl. They mature early, are quite hardy, attain great size, are good layers at all seasons, attentive mothers, and splendid on the table. In fact, for all purposes, there are none better.

Great difficulty is experienced in getting the pullets right in color—the majority of them will be too dark, and many perfectly black. This we find to have been the case from the

in the hackles or saddles of cocks, or in the necks of hens.

## THE COCK.

Head.—Of medium size, and carried well up, the plumage bluish-gray, each feather delicately but distinctly pencilled across with dark bars: Beak, bright yellow, short, stout at the base, and nicely curved at the point: Eyes, large, clear and bright.

Comb.—Bright red, single, fine, rather small, perfectly upright and

# TORONTO POULTRY AND GARDEN PRODUCE CO., LIMITED.

GLENNAVY FARM = DAVISVILLE, ONT.

**White Wyandottes.** The general purpose fowl  
Large Brown Eggs.

\$1.50 per Setting; \$6.00 per Hundred.

**S.C. White Leghorns.** The greatest egg producers.  
Large White Eggs.

\$1.50 per Setting; \$6.00 per Hundred.

**LIGHT BRAHMAS (Silberstein) \$2.00 per Setting.**

We have on hand the best White Leghorns—the great money makers as egg producing birds.

White Wyandottes—the best general purpose fowl for table and eggs; good winter layers.

We have for sale a limited number of birds in first-class condition, also eggs for setting and in incubator lots.

We aim at the best for ourselves—you will want the same.

Write for full particulars to

**J. M. WILSON,**

Manager,

Toronto Poultry and Garden Produce Co.,

Telephone 4030.

if.

**Davisville, Ont.**

straight, with well defined serrations, and free from side-sprigs.

**Wattles and Ear-lobes.**—Wattles, bright red, of medium size, and well rounded; Ear-lobes, bright red, and of medium size.

**Neck.**—Of medium length, well arched, with abundant hackle, which descends nicely upon the shoulders—color of plumage, a bluish-gray, each feather distinctly penciled across with dark blue bars, free from splashes of red, white or black feathers.

**Back.**—Broad, and of medium length, with saddle-feathers abundant, and free from brassy or reddish feathers—color of plumage, bluish-gray, each feather distinctly penciled across with bars of darker blue.

**Breast and Body.**—Breast, broad, deep and full, the plumage bluish-gray, the feathers penciled across with lighter bars than on the neck-hackle, and running nearly straight across the feathers; Body, large, square and compact, the plumage a bluish-gray, each feather distinctly penciled across with bars of deeper blue.

**Wings.**—Of medium size, and well folded against the sides; wing-bows and points, well covered by the breast and saddle-feathers; the color of the plumage, bluish-gray, each feather distinctly penciled across with bars of darker blue.

**Tail.**—Comparatively small, with rather short feathers, carried somewhat upright; sickle-feathers and tail-coverts, relatively short, and well curved—color of plumage, bluish-gray, each feather penciled across with bars of darker blue.

**Legs.**—Thighs, large and strong, and well covered with fluffy feathers—bluish-gray in color, and penciled across with bars of deeper blue; Shanks, of medium length, stout, bony, well apart, and bright yellow in color  
**Carriage.**—Upright and pleasing.

#### THE HEN.

**Head.**—Of medium size, and carried well up; plumage, bluish-gray, each feather delicately but distinctly penciled across with dark bars; Beak, bright yellow, short, stout and nicely curved; Eyes, large, clear and bright.

**Comb.**—Bright red, single, small, low, erect, perfectly straight, with small serrations, and free from side-sprigs.

**Wattles and Ear-lobes.**—Wattles, bright red, and well rounded; Ear-lobes, bright red, and of medium size.

**Neck.**—Short and tapering nicely—color of plumage, bluish-gray, nicely penciled across with dark blue bars, and free from splashes of red, white or black feathers.

**Back.**—Broad, and of medium length—color of plumage, bluish-gray, each feather distinctly penciled across with bars of darker blue.

**Breast and Body.**—Breast, broad full and deep, color of plumage bluish-gray each feather distinctly penciled across with dark bars; body large, square, and compact, the plumage throughout a bluish-gray, each feather distinctly penciled across with bars of darker blue.

**Wings.**—Of medium size, and snugly folded against the sides; primaries, secondaries and wing-coverts, bluish-gray in color, each feather distinctly

penciled across with dark bars, and free from reddish or brassy feathers.

Tail.—Small, comparatively upright, and rather pointed—color of plumage, bluish-gray, each feather distinctly

penciled across with dark bars.

Legs.—Thighs large and strong, and well covered with fluffy feathers, in color, bluish-gray, each feather distinctly penciled across with dark bars: Shanks, of medium length, stout, and well apart, and bright yellow in color.

Carriage.—Upright and pleasing.

POINTS IN PLYMOUTH ROCKS.

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Wings .....	6
Tail .....	6
Legs .....	8

100

Comparison in size and weight, two points to the pound.

THE IDEAL OF THE PRESENT.

We sent proofs of the ideals adopted by the American Plymouth Rock Club to several experts in the breed with a request for an expression of opinion as to their correctness. The replies, though not so numerous as we should desire, are interesting as showing the variance of opinion that still exists in the minds of breeders.

WHAT "UNCLE ISAAC" SAYS.

Mr. I. K. Felch goes to the trouble of scissoring the cut to demonstrate his ideas to us. He says:

"The cockerel is wrong all over, head is protruded too far back, tail carried too low, too much fullness under wattles, breast meat being indicated in wrong place. As well as I could, you see, I have telescoped the section back of the hips, caused a higher carriage of tail, and implied length between hips and breast and cut away throughout, thus reducing the bulkiness of neck and throat, which I think, has reduced both pictures to a more life-like appearance.

"We want pictures and cuts like the birds. Ideality must be governed by nature, or our teaching will injure the cause, not build it up. The amateur wants to know which breeds are alike; to portray a breast abnormal, causes the portraying of the posterior in an abnormal condition to balance the breast. It is as easy to make cuts

inside as outside of nature's lines. No living specimen ever had a breast so full that rose a drop line from beak to the toes that the breast would come within an inch of it. To portray breast beyond or through plumage beyond the lines, is not nature, but I am rambling.

"The artists and breeders of the country must come together for truth in illustration." I. K. FELCH.

"Regarding the plates of barred Plymouth Rocks sent me for criticism, the male is too long in back and too low in tail, lacks fluff and depth in rear of body, neck rather too short. In color he is too wide in barring, making him too light in color for an exhibition bird, which the ideal is supposed to be.

"The female is good in shape, tail too high as in an ideal back and tail, there should be no angle at base of tail, but a continuous rise from back to tip of tail. The light bars are too wide, making the bird too light in color. An ideal colored female should have narrow, sharp, distinct bars throughout."

A. C. HAWKINS.

Lancaster, Mass.

"Your letter with cuts of barred Plymouth Rock cockerel and pullet received.

"I think they are just the thing in every respect and could not be improved upon, and am sure they will be a valuable attraction in your worthy Review. They are just as we are breeding them."

CHAS. MUELLER.

Waterloo, Ont.

"Cockerel might be improved in shape by adding considerably to the fluff, filling out the breast a little and lengthening the back somewhat. In color, the white predominates too much. Pullet is better as to shape, but lacks in head and tail. The former is held too close to the neck and the latter is slightly too long, and coverts too sparse. In color, the barring is too coarse, particularly in the white bar.

"The appearance of both plates could be considerably improved by using a brighter blue-black ink in place of the dead black used."

GEO. W. MILLER,

Prop. Askin Poultry Yards, London, Ont.

WOODLAND FARM

Address  
**Louis P. Graham (Prop.)**  
 1215 Filbert St.  
 Philadelphia, Pa.

JUDICIOUS  
 FEEDING

is responsible for the high percentages of fertility in Woodland Farm Eggs. It is our hobby and aim to keep strong, healthy birds and produce as many fertile eggs as the hens can lay and supply them at fair prices to consumers.

**White Wyandottes.**  
**R.C.W. Leghorns.**  
**S.C.W. Leghorns.**  
**S.C Br. Leghorns.**

Setting	\$2.00
3 Settings	\$5.00

America's best  
 Buff and White  
 Cochin Bantams

B.R. Red and Red Pile  
 Game Bantams.

Winners in America's largest exhibitions.

Best Pen, Setting	\$3.00
2 Settings	\$5.00
Fine Pens, Setting	\$2.00
3 Settings	\$5.00

---

We guarantee everything bearing **Woodland Brand.**  
 201      **CIRCULAR.**

# PURITAN CHICK FOOD

## IS A MIGHTY POWER.

Puritan Chick Food is sold to you under a Guaranteed Trial. No other chick food is.

### Why Should You Feed Your Chicks P C F?

1. Because this food has been the means-indispensable of raising and placing beyond the danger line 3,600 pairs of chicks in eighteen months' time.

**This is the world's record achieved on the Puritan Plant.**

Food that can do this cannot be much out of the way of being the correct article.

2. Because since it has been placed on the market for sale it has been used by thousands, who almost invariably re-order with kind words of praise.

All other chick foods have gotten a good set back since the appearance of Puritan Chick Food on the market, due to the great superiority of the food and its marked efficiency, which manifests itself AT ONCE on the brood of chicks to which it is fed.

Beware of all imitations as there is only one Puritan Chick Food and that is manufactured by the

*Puritan Poultry Farms of Stamford, Conn.*

Hosts of imitators have now arisen and the chick food business is now well pushed, but Puritan Chick Food gets the re-orders and that is the only genuine testimony of sound merit.

The imitations and the deep concern felt by other manufacturers only go to show that

**PURITAN  
CHICK  
FOOD**

is worth imitating,

and "imitation is sincerest flattery."

Some enterprising poultry concern heard that *broken crackers* entered into the composition of Puritan Chick Food and at once proceeded to corner the market on that article in N.Y. and other adjacent cities, but—

**the joke of it was**

that there are no broken crackers used in the manufacture of Puritan Chick Food, nor ever were there; they contain salt and many other impurities which render them totally unfit for poultry food—much less chick food.

### PURITAN CHICK FOOD

is not a compound that has been accidentally produced, nor has it been unscientifically prepared. It is the outcome of years of experience and has been formulated only after a good deal of costly and accurate scientific research.

The cause of the death of young chicks due to improper food has been most carefully and exhaustively studied, in a practical and accurate manner. Microscopic and chemical examinations of the digestive organs of chicks and careful investigations of the thorough and ready assimilation of the food fed has been resorted to.

Thus the percentage of protein present in the chick food, as well as the other constituting elements are most correct, and are the only ones by which a thoroughly practical chick food can be attained.

The preparation of the original formula has cost us a great deal of money, time and labor involving the examinations under all possible circumstances and combinations of them, of thousands of different cases, these examinations by persons that are authorities on the subject.

The food as used on the Puritan Farms, and what it has already done there, is sufficient proof of its efficiency, still, since its advent upon the market, it has been hailed only as an article that is in actual demand, and that gives proof at once to all that it fills all the requirements that are claimed for it.

Parties that have *once used* this food would not be without it, and, as this rule applies so universally, all we ask is a trial *no matter how small*, as we shall then leave the result to the food which will speak for itself.

Its effect to the whole brood to which it is fed will be marked positive and will assert itself at once. In the smaller chicks by carrying them safely over the danger line, in the ones that are passed it by imparting rapid growth and vigor.

## C. J. Daniels, 221 River St., Toronto, Ont.

General Sale's Agent for Ontario.

AGENTS WANTED WHERE NOT REPRESENTED.

"Your letter of August 8th, re the cuts of barred Plymouth Rocks. The hen, I think, is a very good cut, possibly a little too full in breast and a little thick in neck, other ways, I should call her good. The cockerel, I think, is too short in back. Tail too long and carried too low. Saddle feathers run too far up towards neck and also too far up on the tail. The feathers between fluff and sickles, a

I like to see birds with fair length of leg, same in back with nice full breast, and I think the cuts are all right. As to color, I fail to see where we want the female so light and male so dark. My idea is that both should be as near the same shade of color as can be. I do not like to see either too dark. Give me a nice light blue, clear and distinct."

Toronto.

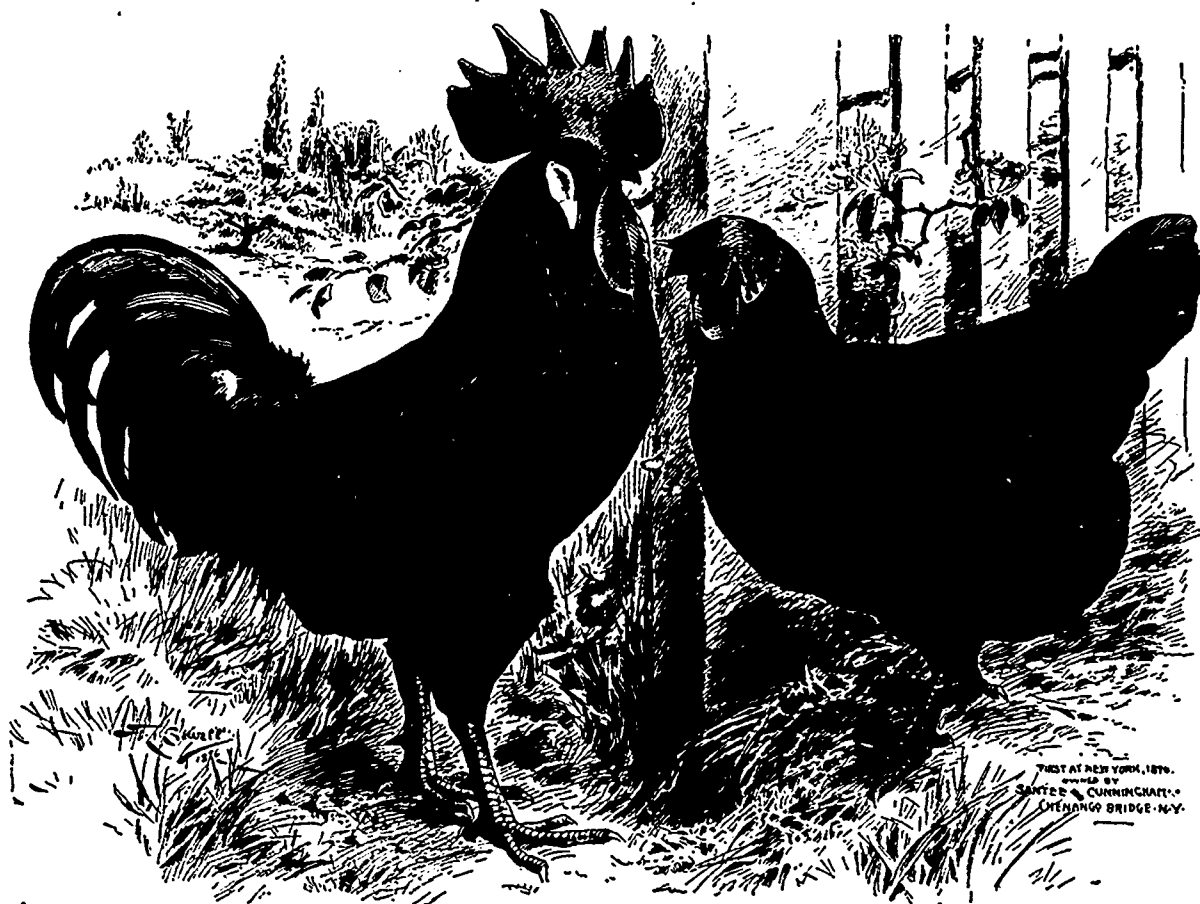
J. E. BENNETT.

type for a Plymouth Rock. The cock might be a little longer in body to match the hen."

W. W. REID.

Ayr, Ont.

"The cuts of male and female barred Plymouth Rocks, I consider almost typical of that variety, especially the female. The male, I consider a little too long in saddle, a little too



"ROB ROY" AND "QUEEN BESS" FIRST PRIZE BLACK MINORCA COCKEREL AND PULLET AT MADISON SQUARE GARDEN, NEW YORK, FEB. 1896. WEIGHTS—COCKEREL, 9 LBS. 2 OZ.; PULLET—6 LBS. 9 OZ. OWNED BY GEO. H. NORTHUP, RACEVILLE, N. Y.

Queen Bess was bred in Mr. Northup's yards and he sold her to Santee and Cunningham for that show. This cut comes to him by his purchase of the entire stock of Black Minorcas of Bicknell & Whiting.

little too prominent, which makes him look narrow behind."

ELIAS SNYDER.

Burgessville, Ont.

"I received the plates of the pair of barred Plymouth Rocks, and I think the shape of both birds is all right, as I see them, and only wish the judges would see them that way, then the short leg Wyandotte and short back birds would be done with.

"Your barred Rock plates to hand. In reply would say, cock bird all O.K. Hen a little low in cushion, with neck a little short and thick at throat. Thanking you for plates and wishing your paper every success."

JOSIAH MCKAY.

Clachan.

"The two plates showing Plymouths received. I think they are just about right. The hen, I think, is a grand

much of the Langshan type about tail. All other sections agree perfectly with my idea. The female is a little full in neck hackle, otherwise, I consider the cut as nearly perfect as we could wish."

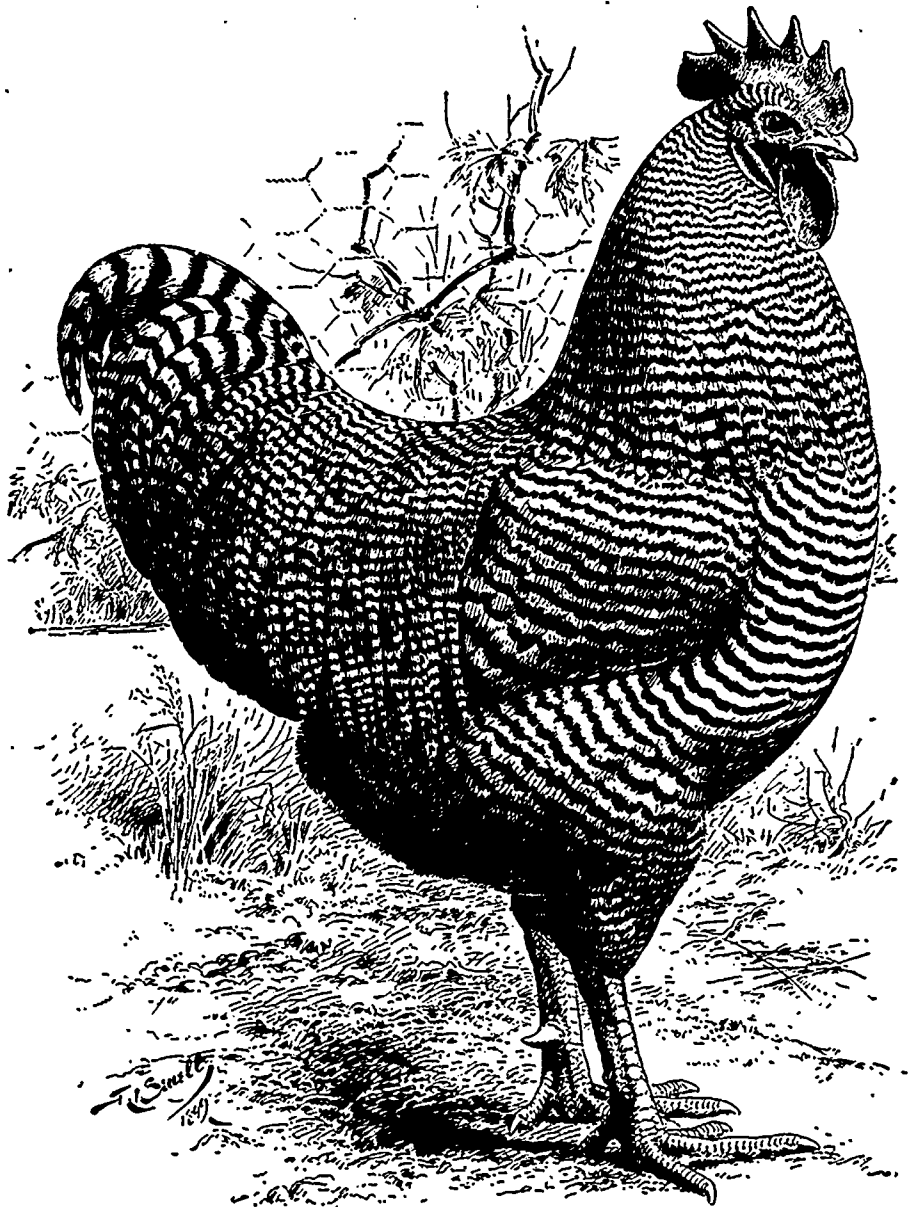
L. G. JARVIS.

Montreal.

"If I had a few such as depicted in plates, I would be pretty well satisfied with them, and would not care to have



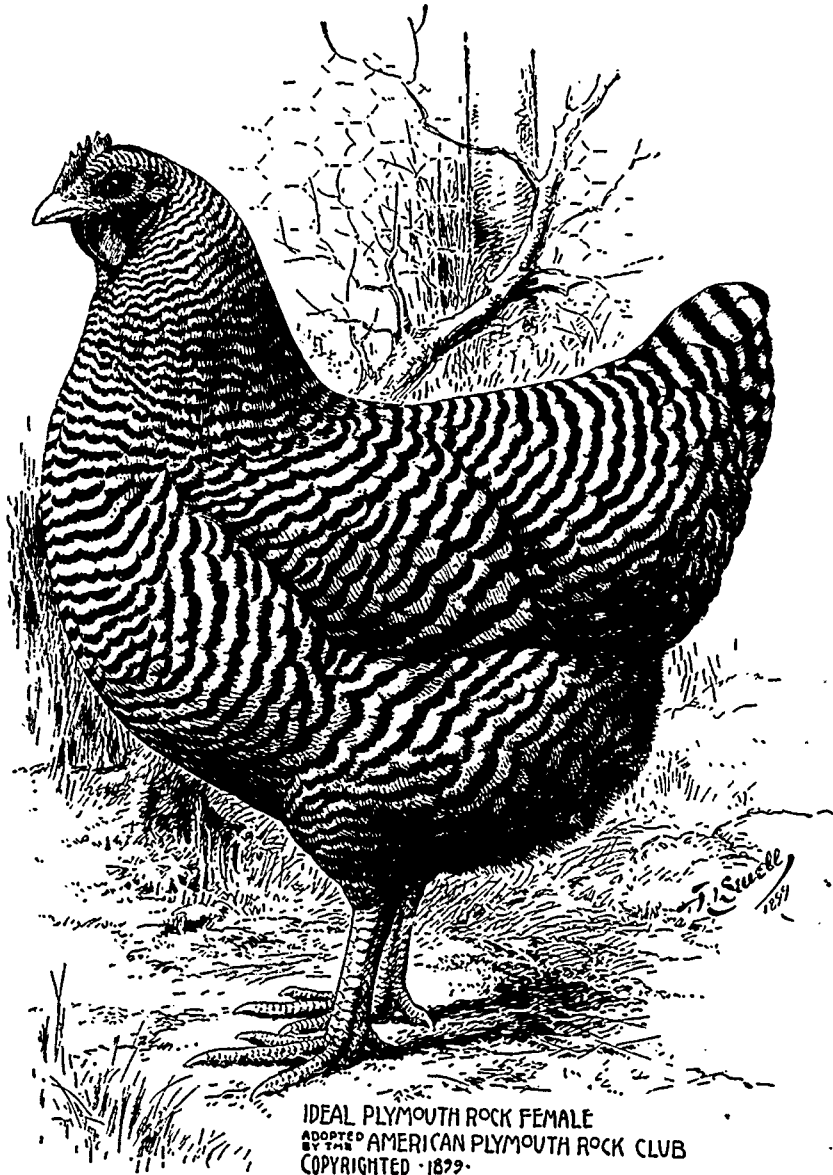
# The Barred Plymouth



IDEAL PLYMOUTH ROCK MALE  
ADOPTED BY THE AMERICAN PLYMOUTH ROCK CLUB.  
COPYRIGHTED · 1899 ·

The Ideals adopted by the

th Rocks of To-Day.



IDEAL PLYMOUTH ROCK FEMALE  
ADOPTED BY THE AMERICAN PLYMOUTH ROCK CLUB  
COPYRIGHTED 1879.

merican Plymouth Rock Club.



# The Best Exhibition in . . . Eastern Canada is THE CENTRAL CANADA EXHIBITION At OTTAWA, Sept. 14th to 22nd, 1900.

The Poultry and Pigeon Departments  
of Prize List thoroughly revised

since last Exhibition ; Good Prizes offered ; Secure a list and be convinced.

Entries positively close 12th September. Send in your entries early.

F. H. GISBORNE,  
CH. POULTRY DEPT.

WM. HUTCHINSON, M.P.,  
PRESIDENT.

E. McMAHON,  
900 SECRETARY.

them pulled to pieces very much, so will not attempt to do so with these."

J. JEFFREY.

St. Catharines.

"The cut of female, to my fancy, is an ideal, also the male, except tail, which I think too long."

J. F. CRANGLE,

Fishers Island Farm.

Fishers Island, N.Y.

"We think the cut of barred Rocks are very good, except that the male is a little short in body and a little high in tail. We think the female is all right."

HENDERSON & BILLINGS.

St. Mary's, Ont.

"Re the plates sent me of cock and hen, barred Plymouth Rock. As to the hen, I do not think there can be any improvement on her, but as to the cock, I think for one thing, its comb is too high, and the saddle feathers are too heavy, come too far up on its back, over the points of its wings. When it flaps its wings, the feathers will get broken off, and it does

not show the barring on the ends of wing.

The tail and breast are all right, to my idea. The hardest thing in Rocks, is to get a good comb, it does not want to be high to my way of thinking. My Champion Boy, weight fifteen pounds, had a leg like a pig, so large, and was broad on back, free from bars and barred to the skin."

N. H. SMITH.

Tilbury.

"Yours of the 8th received. Not having bred Rocks for several years and not being a member of the Plymouth Rock Club, I would not have undertaken to criticise cuts which that club have adopted, but I am willing to do so in compliance with your request.

"To begin with male. I think the comb should be a little smaller, and the shape of body is different from what the Standard calls for. The back is too concave and too short. saddle feathers are too long and cover too much of the wing. They should cover the points of the wings but not to nearly hide the secondaries. If this bird could be lengthened a little so as to carry the saddle feathers a little

more off the wing and lengthen his back and give him a longer keelbone, which should be nearer straight, he would come nearer to Standard requirements. As the cut is now it is nearer to the Wyandotte shape than to the Plymouth Rock, with the exception of comb and length of neck.

"The female is a little too short in back and keelbone and hardly full enough in fluff but a very excellent bird in every other way. Respectfully yours,"

GEO. H. NORTHUP,

Poultry Judge.

Raceville, Washington Co., N.Y.

"I think the Plymouth Rock male an ideal Plymouth Rock, and think it would be hard work to find much fault with same. Wattles, to my thinking, are a little too long; thighs hardly prominent enough according to proportion of bird.

"The female is a little too high in back toward tail, back is also a little narrow. Wing looks to be a little high on back and shoulders (or neck)."

C. J. DANIELS.

Toronto.

A prominent judge writes as follows: "Yours at hand, and I think I will leave it for you and your many subscribers to criticise the cuts, but I may just say to you that I think we could both find a little fault. The male bird would look much better if the fluff of the bird had been longer, so that it would have helped to shorten the cushion. The legs are a little short for the size of bird in other portions. The barring is too washy, for my idea of a good barred Rock. And the barring on cushion ought to have conformed more to the wing and breast. I don't think a bird just about the color of the cut would win a 1st in good company.

"The female.—Her back is out of proportion, she would look more in harmony if her tail started half an inch further on her back, and the legs are too short, more so than in the male, and it would not take a great deal of change to make it into a Wyandotte. Shorten the length of cut about three-quarters of an inch and it would be a better Wyandotte than a Rock."

#### WHAT MR. McNEIL HAS TO SAY.

The two cuts of Plymouth Rocks to hand. I like the cock-bird best. He is too short on back and should be filled out more under the tail. This I think would make him all right in shape. The barring is all right but poor in color; he is too dull all over, not bright enough. With these additions it would make him a model bird.

The hen I do not like so well, she looks to me too dull and dead like about the head, she is too long in the back and has not that nice sweep she should have to the tail. Barring is too wide, not bright enough in color. The white in barring is too wide. With these additions I think they would make a nice pair of Rocks. Now you have my ideas about these Rocks, you can see if the cock is right in back, the hen is wrong.

WM. McNEIL.

London.

**THE MALE BARRED PLYMOUTH ROCK.**  
—It seems to me the comb is too deep. I would like to see the serrations neater and not so rounded on the top, with the spikes divided deeper to one-half of the blade, depth of blade and spikes equal. Beak, wattles and eye and earlobes all right. The neck being stretched a little too erect and is lacking the arch

it should have. The hackle feathers forming the concave sweep is correct, till it reaches the hollow of the back at its lowest point, and then the saddle and covert feathers are too extended backwards, giving too long a back. I would prefer the covert feathers to follow about half it has, and the same concave of the neck, with more curve to the sickle feathers, and I would like to see a wider back at saddle. He would do with a little stouter thighs, and stouter and longer shanks, the middle toe being nearly as long as the shanks from the heel to the hock feathers, which seems too long by about the length of a toenail at least. Body and fluff correct.

**THE FEMALE.**—I am very much struck on the ideal hen, being nearly correct to my view. I only ask to see a little better comb extended at least to the back part of the eye or a little farther and raise her a little more off the ground with longer shanks and shorter middle toes.

H. H. WILIS.

Granby, Que.

#### AMERICAN PLYMOUTH ROCK CLUB CATALOGUE.

##### Editor Review:

I wish through your kindness to inform your readers interested in barred Plymouth Rocks that the 1900 edition of the American Plymouth Rock Club catalogue is ready for distribution free to all fanciers and breeders of barred Plymouth Rocks. The catalogue contains original articles on color, barring, mating, breeding, judging, etc.; by the most successful breeders and judges of this variety, it also contains list of members, the new ideal cuts, constitution, by-laws, etc.

We urge all interested to become members wishing them to consider the work we are doing and that its value can greatly be increased by having the hearty support of you all. We want to make this the "banner" year of the largest poultry specialty club in the world. The initiation fee is \$1, annual dues, 50 cents. Lady breeders admitted free of all charges, write me to-day.

Fraternally yours,

H. P. SCHWAB, Sec.-Treas.

Rochester, N.Y.

Every breeder of barred Rocks should join this club, which amongst its 409 members, has many in Canada as far west as British Columbia.

#### WHO IS SECRETARY AT OWEN SOUND?

WE were surprised to find this postal card in our mail of August 16th.

Owen Sound, Aug. 15, 1900.

Dear Sir,—In your last issue I notice you say that Mr. P. Grier has been appointed as Secretary instead of Mr. John Ramsay, who was duly appointed at our last Annual Meeting. Consequently as he has not tendered his resignation must still hold that honorable position as heretofore. I am sorry that this error found its way into the columns of the Review, as these mistakes, either intentional or otherwise, are neither useful nor ornamental, as far as the success of any Association is concerned. *Please correct.*

Yours,  
HARRY WRIGHT,  
President.

We have no personal knowledge of any dissension in the Owen Sound Association other than that contained in the following which is signed as "Sec. O. S. P. Assn."

Although the letter contains a matter of business concerning us alone, we give it in full as now is the time to clean the atmosphere if a show is to be held next winter. No cloud should then be visible. We have too much confidence in Mr. Ramsay to allow a suspicion regarding his integrity to arise in our mind. We have known him too long and too well. Mr. Grier's letter reads in full as follows:

Owen Sound, June, 27,

H. B. Donovan, Esq.,  
Toronto.

Dear Sir,—I have been instructed by the Owen Sound Poultry Association to write you and find out if Mr. John Ramsay has paid our account of some \$5.50. We were led to believe that he would do so as soon as he went to the city. If he has not, kindly send me the bill at once as he took the one you rendered with him

#### FOR SALE.

I am going to sell my entire stock as I have to move and can not keep hens where I am going. My stock consists of S. C. W. and S. C. Brown Leghorns, S. L. Wyandottes and S. S. Hamburgs.

Two S. C. W. Leghorn Cocks, 8 hens and 14 chicks. Stock as you see ad. in March, April and May Review 1900, under heading of White Leghorns. S. C. B. Leghorns, 3 cocks, 8 hens, 13 chicks. See ad. in May Review under Leghorns. S. Laced Wyandottes, 1 cock, 4 hens 5 chicks, also see March to May Review under Wyandottes.

S. S. Hamburgs, 1 cock and 3 hens, see ad. in May Review.

All must be sold in a month. All chicks of best matings, hatched in May and first week in June. Prices very low.

#### PERTH POULTRY YARD.

S. DIPPEL, - - Listowel, Ont. 900.

The Association has had some misunderstanding with him here lately, and for various reasons has seen fit to appoint me secretary in his place.

Yours truly,  
**PERCY GRIER,**  
 Sec. O.S.P. Ass'n.

Our reference to above letter gave the barest possible sketch and merely as an item of news of interest to the general fraternity and for which, of course, no apology is needed. The letter is official, signed presumably by the secretary instructed by the Association.

Now a word of advise. If you have dirty linen wash it at home; the process is not a popular one with the public nor does it make pleasant reading.

**FOR SALE**

**ONE HUNDRED HOUDANS,**

Also some grand **WHITE ROCK COCKRELS**, ready to ship after October 1st.

**CHEAP AND GOOD.**

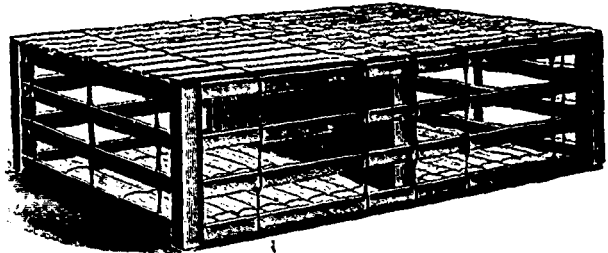
Also a two-year old **Gordon Setter dog**, (price, \$50.00.) Well broken by myself to gun and a grand field dog. Has never flushed a bird and under perfect control. Kind with children. A grand dog and a bargain.

**W. T. BEIRNES,**  
 Lock Box 28, - - Birtle, Man.  
 900

**A NEW CRATE.**

**W**E illustrate below something new and novel in poultry crates for shipping market poultry. The Canadian Produce Company, of Toronto, stated their need of a good crate to C. J. Daniels, Toronto. After a great deal of study and planning, Mr. Daniels has perfected, to our thinking, the best shipping crate on the market.

This crate has many advantages



over any other package. First, its lightness, a crate to hold forty to sixty head of poultry according to size and age, weighs only twenty pounds, thus saving price of crate in two or three shipments.

Second, it is open all around, no danger of birds getting smothered, be it ever so hot.

Third, its strength, the bottoms are composed of hard Norway pine slats woven with three double strands of galvanized wire.

The tops, sides and ends, are hard-wood (ash), woven with spaces between slats, one and a half to two and a half inches apart, as desired by purchaser. Crates are also made with two, three or four divisions, to pre-

vent chicks or fowls from crowding one on top of the other.

In addition to this, the whole of the corners are bound with tin corners.

Another feature, the hose can be turned on coops and washed sweet and clean in a very short time.

The Canadian Produce Co. use the crate exclusively, also the Toronto Poultry and Garden Produce Co.



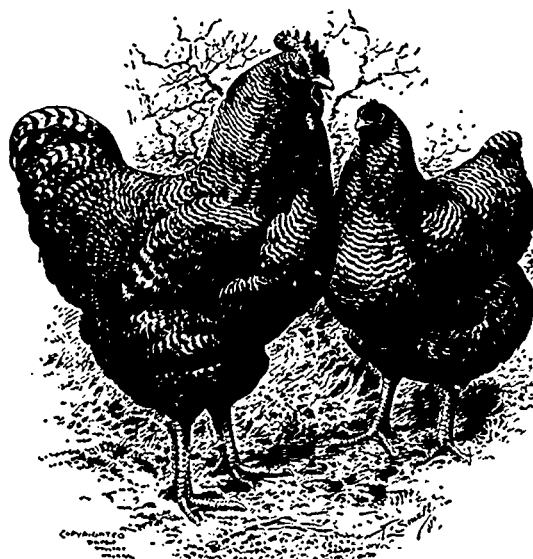
**PEAT MOSS LITTER.**

**W**HERE is this to be bought and what does it cost? In the old country it is now used exclusively in well-kept fowl-houses, and I am anxious to procure it for mine  
**READING COLLEGE STUDENT.**

Peat moss litter, which is the top part of peat beds, is not procurable in Canada. We have tried to get it for years, but unavailably. It is very absorbent and has some value as a fertilizer as well, especially on heavy land  
 —ED.

**3000  
 PURE BRED  
 CHICKENS  
 FOR SALE.**

1500, Fifteen Hundred pure bred B. P. Rock chickens for sale, beside 1500 Black Minorcas and White Leghorns, all at 50 cts. each. I have paid out over one hundred dollars for eggs from the leading breeders in Canada and the U.S.A. No one has better stock. These birds are all farm raised, with free run on farms of 100 and 200 acres.



I have all the different strains, so I can give you fine matings in cockerels and pullets no relation to each other. These chickens were hatched in March, April, May and June. I have a few choice breeding hens to sell of the above breeds and four cock birds at \$1 each for the hens: cocks \$1.50 to \$2.00, sold on approval.

Write your wants. All birds warranted safe to your place. Remember, I have all the leading strains in Rocks, Minorcas and Leghorns—imported stock. Also 25 hives of bees, full of honey, at \$2.00 each. 50 tested Golden Italian queens at \$1 each.

900 N. H. SMITH, Lock Box A

TILBURY, ONT.

**DO YOU KEEP  
 BEES?**

If you do, you cannot afford to be without the  
**CANADIAN BEE JOURNAL**

It is a bright monthly publication, full of practical information on Bee Culture. One Dollar per year in advance. Special trial offer to new subscribers—Two years for \$1.00.

**Coolidge, Shapley & Muir Company,**  
 Limited  
 Brantford, - - - Ont.

## AFFAIRS IN MANITOBA. WINNIPEG SHOW.

OVER ONE THOUSAND BIRDS. LARGE ENTRY IN THE AMERICAN CLASS.

**N**OR-WEST FARMER says the exhibit of fowls this year surpassed anything in the past, and over 1,000 birds were present. The judge, G. D. Holden, of Owatonna, Minn., was surprised and delighted with the exhibit. He never expected to see so large nor so fine a one, for though not so large as their St. Paul show, yet the quality was fully as high. He especially commended the plan of having all the birds of one breed together. It facilitates judging and people can see the class much better than when each exhibitor keeps his exhibit together, as they do at St. Paul. The American breeds were out in largest numbers and the barred Plymouth Rocks made a very large showing. Though not so large an entry, the white Leghorns were the best class of the show, for it had the banner pen in an entry made by Geo. Wood, Louise Bridge. Quite a number of varieties were in unusually good condition for this time of the year. The display of pigeons was excellent. Ducks made a capital class. There were some excellent geese shown and the turkeys were fair. The judge gave every satisfaction. He disqualified a number of birds for crooked backs, and in some cases where the legs should be smooth they had stubs of feathers. This will make breeders more careful in the future. The judge was particularly pleased with the arrangement of the building.

## WHOA BILL!!!

Do you want Teal, Widgeon, Pochards, Tufted Sheldrakes, Gadwall, Pintails, Bahama, Scaup, Shovellers, Curved bill, Mandarin or Woodducks, Wild Egyptian, Sebastopol Brent, Bernical, Pink footed, White fronted, Fild or Bean Geese, White or Black Swans, White or Colored Peafowls, Pheasants, or any kinds of Domestic Ducks or Geese, R. I. Hods? Then send us 5c. for our New Catalogue, giving full description of the above and lots of others. 3 Embled, 2 Br. China, one African, one Toulouse Gander for sale.

### Tashmuit Farm,

Box 5. SHAWMUT, . . . . . MASS

## America's Champion Blue Andalusians

have made a record of 9 clean sweeps of every first and special prize offered at such shows as

TORONTO INDUSTRIAL, the "ONTARIO," and NEW YORK

FOR SALE—A few exhibition specimens ready for the fall fairs, also a few good breeding hens.

NEWTON COSH, Box 218, Brantford, Ont.



"TORO," WEIGHT 10 LBS. BRED AND OWNED BY GEO. H. NORTHUP, RACEVILLE, N.Y.

This cock is the most successful sire of both sexes of black Minorcas that Mr. Northup has known. His pedigree traces back directly to imported "Champion" and "Prince Albert," and embraces many prize winners of great note. He was sired by "Black Giant," is a brother of "Eleganza." He sired the first prize cockerel in single class at Madison Square Garden Show, 1897, and the cockerel and pullet in the first prize breeding pen at the same show. Also the first prize hen at the 1898 Boston Show and many other winners of important prizes, both males and females. He is named for Mt. Toro, the highest eminence of Minorca Island, and is to the Minorca breed what his name suggests, the highest type.

and the cleanly way in which it was kept, reflected great credit on the director in charge. There was a nice exhibit of incubators, brooders and poultry supplies. Chickens hatching out during the week in the incubators attracted a good deal of attention.

### THE AWARDS.

Anconas—1, E. R. Collier, Winnipeg. Brahmas, light—1, Newall Bros.; 2, H. A. Chadwick, St. James; 3, A. G. H. Luxton, Georgetown, Ont.; 4, John Longmore, Holland. Brahmas, dark—1, J. J. Kennedy & Co., Winnipeg. Cochins, buff—1, A. G. H. Luxton, Cochins, black—1, C. E. Smith, Fairfield Plains, Ont.; 2, R. S. Preston, Pilot Mound. Cochins partridge—1,

R. S. Preston; 2, John Longmore. Games, black-breasted—1, A. G. H. Luxton; 2, J. J. Kennedy & Co. Duckwing—1, R. Balls, Portage la Prairie. Indian—1, S. Ling, Winnipeg; 2, W. Baldwin & Son, Maniton; 3, W. H. Ross; 4, John Longmore. Guineas, any variety—1, S. Ling; 2, J. Wilding, Winnipeg; 3, C. E. Smith; 4, A. G. H. Luxton. Houdans—1 and 3, C. H. Wise, Winnipeg; 2, J. Wilding. La Fleche—1, C. E. Smith; 2, Lemon Bros. Hamburgs, golden pencilled—1 and 2, C. E. Smith. Silver pencilled—1 and 2, C. E. Smith. Golden spangled—1, C. E. Smith; 2, Todd & Co., Winnipeg. Silver spangled—1, A. G. H. Luxton. Javas—1, J. Kitson, Macdonald; 2, E. Fortier, Winnipeg. Langshans, black—1, S. Ling; 2, H. A. Chadwick; 3, B. Fowler, Heading-

THOS. C. ALLEN, GLASSBORO, N.J.

J. D. NEVIUS BEVERLY, N.J.

# LYNNHURST POULTRY YARDS.

## .COCHINS.

Cochin and Japanese Bantams continue to win the prizes and cups at the leading shows as they have for the past 31 years, winning this fall at the three great shows:

PHILADELPHIA, PA. HAGERSTOWN, M.D. TRENTON, N.J.

Forty 1sts, Thirty-four 2ds, Eight 3ds, Two Cups and Medal.

Very Choice Exhibition and Breeding Fowls and Chicks for Sale.  
Yards at Glassboro and Beverly. Send two-cent stamp for illustrated catalogue.  
Address all communications to

J. D. NEVIUS, - - - BEVERLY, N.J.

### The Reliable Spring Lever Poultry Punch.



If you keep a record of your chickens of the different breeds, hatches, strains, etc., there is no better, quicker, easier way than by using the Reliable Poultry Marker for punching the web between the toes. Hundreds of private marks can be made when your chickens are hatched, and a record kept so they can flock together until matured, and be separated by their mark. The Reliable Poultry Punch is made in one size only, which can be used on any age fowls.

Price, post paid, 35c.

H. B. DONOVAN, TORONTO.

### S. C. White Leghorns Barred P. Rocks

Eggs from grand pens, winners and bred from winners. Either kind guaranteed, \$2 per 13. Fertile eggs from strong, healthy stock. Good birds for sale of both varieties.

101 JOHN CHAMBERS,  
Exhibition Park, Toronto.

### REMOVAL SALE.

We are going on a large farm; we wont show this year. We have a grand lot of Birds for sale this fall. You know our record at the big shows, We can please you with grand birds and cheap too.

Henderson & Billings,  
St. Marys, Ont.

11.00

ly: 4, J. Hillis. White—1, B. Fowler. Leghorns, single comb, white—1, 2 and 3, Geo. Wood, Louise Bridge; 4, W. Gate. Single comb, brown—1, John Longmore; 3 and 4, W. Gate. Rose comb, white—1 and 2, G. Wood; 3, A. G. H. Luxton. Single comb, buff—1, R. Balls; 2, J. A. King, Winnipeg; Black—1, A. G. H. Luxton. Minorcas, black—1, W. Gate; 2, Chas. Midwinter, Louise Bridge; 3, R. S. Preston; 4, Ed. Brown, Boissevain. Polish, silver—1, C. E. Smith; 2, Lemon Bros. Golden—1, C. E. Smith; 2, R. S. Preston. Redcaps—1, Jos. Bond. Plymouth Rocks, barred—1, G. Wood; 2, A. G. H. Luxton; 3, W. Rutherford, Winnipeg; 4, H. A. Chadwick. Rocks, white—1, Munroe Bros.; 2, C. E. Smith. Buff—1, B. Balls, Portage la Prairie. Pair Spanish, black—1 and 2, Geo. Wood. Wyandottes, golden—1 and 3, S. Ling; 2, T. Reid, Winnipeg. Silver—1, Ed. Brown. Pair Wyandottes, white—1, E. Coatsworth, Winnipeg; 2 and 3, W. Gate; 4, J. Kitson. Buff—1, E. Fortier. Bantams, buff, Pekins—1, C. E. Smith; 2, A. G. H. Luxton. Sebright—1, Newall Bros.; 2, H. A. Chadwick; 3, C. E. Smith. Game—1 and 2, Thos. Reid; 3, A. G. H. Luxton. Japanese—1, C. E. Smith. Rose comb—1, H. A. Chadwick; 2, Newall Bros.; 3, A. Tremont; 4, Ed. Major. Pheasants, any variety—1, C. E. Smith.

#### CHICKENS OF 1900.

Anconas—1 and 2, E. R. Collier; 3 and 4, J. Dixon. Andalusians—1, 2 and 3, Geo. Wood. Brahmas, light—1, Newall Bros.; 2 and 3, K. J. Thompson, Virdeu; 4, E. R. Collier. Cochins, black—1, C. E. Smith. Partridge—1 and 2, R. S. Preston. Games, black-breasted, red—1 and 2, A. G. H. Luxton. Indian—1, 2 and 3, S. Ling; 4, B. Balls. Guineas, any variety—C. Midwinter. Houdans—1, 3, and 4, J. Wilding; 2, C. H. Wise. La Fleche—1, C. E. Smith. Hamburgs, golden spangled—1, Todd & Co. Silver—1 and 2, E. Fortier. Javas, any variety—1, C. Midwinter. Langshans, black—1 and 2, B. Fowler. White—1, B. Fowler. Leghorns, single combed, white—1, W. Gate; 2 and 3, Geo. Wood; 4, Munroe Bros. Rose comb, white—1, 2 and 3, Geo. Wood. Single comb, buff—1, 2 and 4, J. A. King; 3, B. Balls. Black—1, R. J. Hinds, Winnipeg. Minorcas—1, Thos. Reid; 2, A. G. H. Luxton;

3, Jos. Wilding; 4, G. Cull, Oak Bluff. White—1, 2 and 3, W. Gate. Polish, golden—1, R. S. Preston. Redcaps—1 and 2, E. Van Voris, St. Boniface. Plymouth Rocks, barred—1, H. A. Chadwick; 2, Ed. Brown; 3, Munroe Bros.; 4, S. Ling. White—1, C. E. Smith; 2 and 4, R. Dolbear, Winnipeg; 3, Jos. Wilding. Buff—1, R. Stokes; 2 and 4, W. H. Ross, Portage la Prairie; 3, S. Ling. Pea Fowl—1, Sidney Metcalfe. Pair Wyandottes, golden laced—1 and 2, S. Ling. Wyandottes, silver laced—1 and 3, C. J. Thompson; 2, B. Balls. Black—1, 2 and 3, G. Wood. White—1, J. Kitson; 2 and 4, J. Wilding; 3, E. Coatsworth. Buff—1 and 2, C. H. Wilson, Winnipeg; 3 and 4, F. J. G. McArthur, Carman. Bantams, buff Pekin—1, H. A. Chadwick; 2, J. Longmore; 3, A. H. G. Luxton. Sebright—1, Newall Bros.; 2, H. A. Chadwick. Game—1 and 2, Thos. Reid; 3, C. Midwinter; 4, Newall Bros. Rose comb—1, H. A. Chadwick; 2, C. E. Smith. Any other variety, not specified—1 and 2, G. Wood; 3 and 4, W. A. Pettit, Winnipeg.

#### BREEDING PENS.

A pen consists of one male and three females. Anconas—1, E. R. Collier. Andalusians—1, Geo. Wood. Brahmas, light—1, Geo. Gouley, Winnipeg; 2, John Longmore. Brahmas, dark—1, J. J. Kennedy & Co. Cochins, buff—1, B. Balls. Cochins, partridge—1, H. A. Chadwick. Cochins, white—1, J. Longmore. Games, pile—1, J. J. Kennedy & Co. Games, duckwing—1, J. J. Kennedy & Co. Games, Indian—1, W. H. Ross. Houdans—1, J. Wilding. Hamburgs, golden pencilled—1, M. & W. Cordingly, Winnipeg. Hamburgs, silver pencilled—1, E. Fortier. Javas—1, John Kitson. Black Spanish—1, Geo. Wood. Leghorns, single comb, white—1 and 2, Geo. Wood; 3, R. S. Preston. Leghorns, rose comb white—1, Geo. Wood. Leghorns, rose comb, buff—1, Walter Johnson, Winnipeg; 2, J. A. King. Leghorns, black—1, R. J. Hinds. Minorcas, black—1, Thos. Reid. Minorcas, white—1, J. J. Kennedy & Co. Plymouth Rocks, barred—1, Munroe Bros; 2, Wm. Rutherford; 3, Geo. Wood. Plymouth Rocks, white—1, Munroe Bros. Plymouth Rocks, buff—1, B. Balls. Wyandottes, golden laced—1, C. H. Wise; 2 and 3, S. Ling. Wyandottes, white—1 and 2, E. Coatsworth; 3, J. T. Law, St. John's. Wyandottes, buff—1, F. J. G. McArthur. Bantams, Sebright—1, Newall Bros. Bantams, game—J. M. Aldritt. Any other variety, not classified—1, W. A. Pettit. Sweepstakes breeding pen, any variety, Association cup—G. Wood.

#### TURKEYS.

Bronze—1, W. Kitson, Burnside; 2, J. Wilding; 3, Maw's Poultry Farm. Holland White—1, W. S. Tobin, Winnipeg; 2, C. E. Smith; 3, A. G. H. Luxton. Buff—1, A. G. H. Luxton

#### POULTS OF 1900.

Bronze—1 and 2, Maw's Poultry Farm; 3, C. Midwinter. Heaviest

turkey, bronze medal—1, H. L. McDiarmid, Headingley.

#### GEESE.

Embsden—1, A. G. H. Luxton; 2, J. Kitson; 3, C. E. Smith. Toulouse—1 and 2, C. Midwinter; 3, C. E. Smith. China White—1, C. Midwinter; 2, Luxton. China Brown—1, C. E. Smith. 2, C. Midwinter; 3, A. G. H. Luxton.

#### GOSLINGS OF 1900.

Embsden—1, J. Kitson; 2, Lemon Bros.; 3, C. E. Smith. Toulouse—1, 2 and 3, Maw's Poultry Farm. China White—1, 2 and 3, C. Midwinter. China Brown—1, Chas. Midwinter; 2, C. E. Smith.

#### DUCKS.

Aylesbury—1 and 2, C. E. Smith. Pekin—1, C. Midwinter; 2, A. G. H. Luxton; 3, Maw's Poultry Farm. Rouen—1, J. Kitson; 2, Maw's Poultry Farm; 3, C. E. Smith. Cayuga—1, C. E. Smith; 2, Lemon Bros.; 3, A. G. H. Luxton.

#### DUCKLINGS OF 1900.

Aylesbury—1 and 2, C. E. Smith. Pekin—1, A. G. H. Luxton; 2, C. Midwinter; 3, C. E. Smith. Rouen—1 and 3, Maw's Poultry Farm; 2, A. G. H. Luxton. Cayuga—1, C. E. Smith; 2, Lemon Bros. Muscovy—1, C. E. Smith; 2, Lemon Bros. Collection of Poultry—Silver medal, George Wood. Incubator and Brooder—1, Maw's Poultry Farm; 2, Chas. Midwinter. Best Collection of Incubators, Brooders and Poultry Supplies—1, C. Midwinter.

### ANNUAL MEETING.

#### MANITOBA POULTRY ASSOCIATION.

The annual meeting of the Manitoba Poultry Association was held on Wednesday evening, July 25th, in the old director's room on the exhibition grounds. There were about two dozen poultrymen present. The president A. B. Stovel, occupied the chair. The minutes of last meeting were read and approved. The president then reviewed the work of the year and told of the difficulties encountered in securing a place to hold the poultry show. The delay in paying the prize money was unavoidable, because the grant had not been made. After it was made and the money in the hands of the secretary it was promptly paid. The show was a success financially as well as otherwise. He thanked the officers and members for their support during the year. There was a great work to do for the poultry interests of the province were growing very rapidly and the association now was in a position to do better work than ever before.

The secretary read his report of the year and gave a statement of the finances. Owing to the delay in receiving the grant the accounts were not all closed and it was therefore impossible to give the final closing of the accounts. Receipts showed a total of \$927.59. The expenditure to date, including prizes, amounted to \$838.65. The treasurer reported that there was a balance in the bank of about \$75, but that some prize checks that had been sent out had not been taken up. Allowing for the purchase of the two cups, one each for Brandon and Winnipeg shows, and for all outstanding accounts, there would be a balance to the good of more than \$25. The association had this year paid accounts that had been standing against it for years and which every one thought had been paid. These reports were received and the secretary and treasurer instructed to hand their books to the auditors as soon as the year's transactions were closed.

The new by-laws, as agreed to at the meeting in February, were then brought up for adoption. A clause making it possible for only one local association in a town to join was added and the whole adopted. The secretary was instructed to have five hundred copies printed and a copy sent to every member and poultryman.

Brandon poultrymen made application to have the show at Brandon next February. This was agreed to. The date to be decided by the executive.

A committee was appointed to select a style of portable coop suitable for exhibition purposes and report to the executive.

The election of officers then followed resulting as follows: Hon. President—Hon. Hugh John Macdonald; president—J. P. Brisbane, Brandon; first vice-president—A. B. Stovel, Winnipeg. second vice-president—J. W. Higginbotham, Virden. Secretary—D. Sheriff, Brandon; Treasurer—Wm. Rutherford, Winnipeg. Auditors—S. B. Blackhall and G. Harcourt. Directors—A. E. Shether, Brandon; Wm. Anderson, Brandon; Tr. Chambers, Brandon; J. Kitson, Macdonald; Geo. Wood, Louise Bridge; and W. F. Crosbie, Manitou.

Votes of thanks were passed to the retiring officers, to the Manitoba Government, Winnipeg City Council, Lord Strathcona and other donors to the prize list.

### STRAY NOTES FROM PETERBORO'.

AS the time of holding the Fall and Winter Shows is approaching, I thought we might as well inform you that, we have had several Board meetings, and have revised our prize list, making some additions, for our next show, on November 27th to 29th, when we hope to have a visit from all our old patrons, as well as a large number of new ones. We find that there is an increasing interest being taken in poultry and their products, and at no distant date the exports in these lines will go forward with leaps and bounds, especially if the Ontario Government would give some substantial assistance to the local associations, as they do to all other lines, and we fail to see why the poultry interests should not receive some consideration at the hands of the Government. It is not enough that they should spend \$1,000 or upwards, on one grand show, and leave the local associations, who are doing by far more for the farmer and amateur breeder, without any assistance, than the "Ontario" has ever done, even with their large grant.

We believe a meeting of the poultry men has been called at the Exhibition Board Room, on Wednesday, September 5th, at 10 a.m., to again take up the subject of Government aid for local associations and it is to be hoped that there will be such a gathering of breeders and fanciers from all parts of the Province, and that every corner and association will be represented in such a way that the Government will see that the poultrymen are in earnest in making their demands for a share of the money that is being spent for developing the interests of the producers of this Province. Again we would say, let there be a full meeting on September 5th. It is a duty you owe to yourself and your neighbor, that you should be there to help along the cause. Yours for more and better poultry and their products.

WM. COLLINS, Sec.

Peterboro'.

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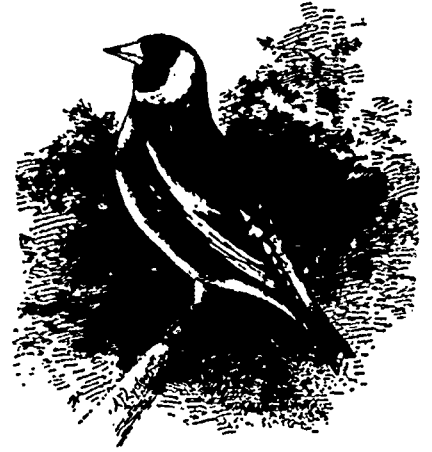


# GEORGE HOPE & SON,



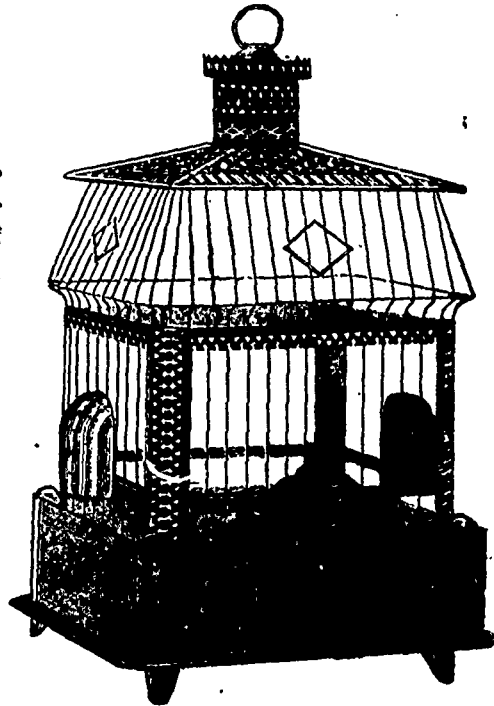
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Canaries.**



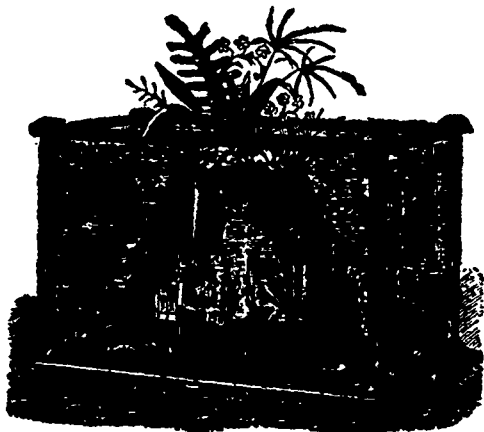
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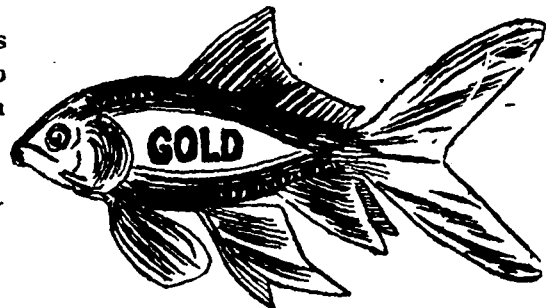
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# POULTRY FROM A PRACTICAL STANDPOINT

Conducted by A. G. GILBERT, Manager Poultry Department, Dominion Experimental Farm, Ottawa.

NOTE—Mr. Gilbert is nothing if not practical and experimental. He will from his rich store of information on the subject of "Practical Poultry" give Review readers each month the result of his experience for the past thirty years. He will be glad to answer questions or afford information on any particular subject.

## LIVE CHICKS IN DEMAND.

FARMERS are apt to complain at lack of opportunities to make money. On Monday evening last (23), I received a circular from the Canadian Produce Company, of Toronto, asking for 5,000 live chickens, for which they were prepared to pay ten and a half cents per pound f.o.b., till end of the month. At that time there might be a slight reduction in the price, or not. Yesterday afternoon I visited a gentleman who had hatched out by incubator over six hundred chicks and asked him if he had any he was anxious to dispose of. His reply was, that a leading firm of grocers in the city had bespoken all the chickens he had as soon as they were fit for killing. Tomorrow, all being well, I shall visit two or three farmers in the neighborhood of Carleton Place, who have a number of B. P. R. chicks, and see what they can do. It would seem as if the farmers can no longer complain of opportunity to make money as far as poultry is concerned, at any rate.

THE extremely hot weather of the past week has been very trying. I think Wednesday, Thursday and Friday were the hottest. The worst feature of the hot wave was, that it did not let up at night. However, much as was our discomfort, what must it have been in the larger cities of the continent with their sky-scraping buildings, long rows of stone and brick buildings and paved court yards?

**"D"** Crushed Oyster Shells,  
Crushed Flint,  
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Send for samples and price-list  
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**Poultry  
Foods**

Sorry you could not spare a few days to come and dig worms, or catch minnows with me, so that we might tempt bass and pickerel to bite at them. By the way, black bass leaves you in no matter of doubt when he gets on your hook.

Some time ago I mentioned that I had received some white Wyandotte eggs from Mr. A. G. Goodacre, of Grand Pre, N.S., and that from 26 of their number I had got 22 chicks. The chicks were hatched on the 11th of May last. Two months and seven days afterwards, I weighed the largest cockerel when he tipped the scales at 2 pounds 11 ounces. What do you think of that?

Poultry development is both sure and rapid. On the 22nd of July last, I received a card from the Canadian Produce Company, of Toronto, stating that they were ready to buy 5,000 live chicks, for which they were prepared to pay until the 28th of the same month, ten and one half cents per pound, f.o.b. Express charges paid by the firm to Toronto, and who also sent crates to shippers, paying express thereon. Later I received another card from the company, saying that they wanted 15,000 chicks for which they would pay ten cents per pound until 11th of August. The concern is a new enterprise in your city and is in the hands of competent and live men. With myself, I am sure you wish the venture unbounded success. It means much to the farming community. Farmers sometimes talk of lack of opportunity to make money. Here is one, and one that they should have no difficulty in taking advantage of. The firm in their prospectus says that they want chicks from three and a half to five and a half pounds per

pair. To have chickens of such weight in late July or August should be child's play to our farmers.

## POULTRY RATIONS.

MR. W. R. GRAHAM, OF THE O. A. C., POULTRY DEPT., STATES HIS METHOD OF FEEDING. A VALUABLE CONTRIBUTION FROM A PRACTICAL MAN.

SOME time ago I requested my esteemed confrere, Mr. W. R. Graham, to write me his method of feeding and management of the laying stock in winter. With his usual good nature he has sent me the following valuable contribution to winter rations and management, subjects which are being discussed in your paper at present. With myself, the poultry fraternity and farmers of the country are indebted to Mr. Graham for his timely article.

He says:—Dear Mr. Gilbert, in reply to your inquiry as to our method of feeding in winter, I may say that we had no hard and fast rules. When the weather is fine we feed less frequently than during very cold weather.

## SYSTEM OF FEEDING.

Our general system of feeding during the winter, is to give a moderate feed of whole grain in the litter in the morning, say at nine o'clock. We are always particular about having this grain well inter-mixed with the scratching material; we feed no more until noon, when if the weather is fairly moderate a feed of some kind of vegetables is given in addition to about two handfuls of whole grain given in the litter to about a dozen fowls. During extremely cold spells more whole grain is given. Another feed is given at about four o'clock, this one in the form of a mash, composed of equal parts by measure of clover-meal or steamed clover-leaves, bran, shorts, and ground barley or oats; during very cold weather corn-meal is used in the place of the barley or oats. The mash is generally omitted twice during the week and green bone or cooked meat given in its place. At this feed the fowls are given all they will eat, all that is not readily consumed is removed. Just before dusk a handful or so of whole grain is scattered amongst the litter again.

## WHAT EXPERIENCE HAS TAUGHT.

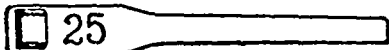
**M**Y experience here is that where the mash is fed early in the morning the fowls become filled and many of them are bent upon taking little or no exercise for the remainder of the day. Where one feeds personally and knows his fowls, I believe equally good results may be obtained from giving the mash in the morning but with us when we are obliged to use new hands every day it is a difficult task to prevent over feeding, and again by feeding a little whole grain late at night, the fowls get exercising early in the morning, so much so that at times nothing is visible but dust. This exercise I believe warms the hen quicker and better than any warm mash could do. During very cold days we give less feed and endeavour to keep the fowls on the move so as to prevent them from suffering from the cold.

## A VALUABLE POINTER.

It is quite possible to carry this exercise so far that it becomes work in which case it adds to the feed bill and lessens the egg product. Our custom is to weigh a few hens from each pen about once in two weeks; if they are getting too fat, we give more work, or if losing in flesh we reduce the amount of exercise and increase the ration slightly. So much depends upon knowing ones flock and in using a fair amount of common sense. Our method of feeding may suit Leghorns but not Brahmans and the same would hold true in regard to feeding pullets and hens. When one gets satisfactory results from a certain method of feeding, I feel rather doubtful about advising a change. I have also noticed frequently that what one calls a light feed another breeder calls a heavy feed. I firmly believe that a hen should have all she wants to eat at night and never have her appetite satisfied until that time of day, unless growth of fat is wanted.

Yours truly

W. R. GRAHAM.



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**BEST POULTRY BANDS  
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**COPPER, 12 FOR 15c., 100 FOR \$1.00**  
**ALUMINUM, 12 FOR 20c., 100 FOR \$1.25**  
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FATTENING POULTRY FOR  
THE ENGLISH MARKET.INTERESTING EXPERIMENTS IN FEEDING  
TO BE MADE IN ONTARIO—PARTICU-  
LARS OF THE TESTS.

A series of experiments with the object of ascertaining the respective gains made by fattening poultry for market in different ways, has been commenced under the auspices of the Poultry Association of Ontario and the Farmer's Institutes. The experiments will be placed in charge of Mr. Richard Oke of London, Ont., and Mr. D. Drummond of Myrtle, Ont. The intention is to have four lots of birds in the experiment and sixteen birds in each lot. If possible they will be selected from the Plymouth Rocks, but if it is not found practicable to obtain the number required from that breed, though there should be no trouble in this, birds of similar type of the Wyandotte, Brahma or other suitable breeds will be selected. The birds will weigh from three to three and a half pounds each.

One lot will be fed and handled exactly as the ordinary fowls on the farm are treated. They will be allowed to run about freely and get all the exercise they wish. The second lot will be fed in a box stall or shed, well ventilated, but will not be permitted to run outside. The third lot will be fed in crates, such as those recommended by Prof. Robertson last year, which will have four compartments, each holding four birds. Lot number four will be fed in a similar crate, but for the last ten days of the experiment will be fed by means of the cramming machine.

As regards the food, each lot will be fed alike except the fourth lot, which as mentioned above, will be fed with the crammer during the last ten days. The feed will be one-half cornmeal and one-half ground oats and barley cut in equal proportions. During the last ten days tallow will be given the birds in the proportion of one and a half pounds to sixty birds, the tallow to be rendered and mixed with the food. The food for the crammer will be oats ground to a powder and mixed with skimmed milk.

Careful account will be kept of (1) the cost of the chickens when bought, (2) the time spent on each lot each week, (3) the weight of food and cost of same for each lot each week, (4) the weight of each lot when purchased

and their weight at the end of each week. As soon as the birds are ready for market they will be dressed and sold to dealers, who will report on the quality of each lot, and they will be marked in such a manner that each lot can be easily distinguished when killed and dressed.

As soon as one set of experiments has been concluded a similar number of fowls will be purchased, and further experiments carried on under the same conditions. The last set will be started at such a period preceding the Provincial Winter Fair as will allow of the birds being ready for killing during the progress of the fair, when prizes will be given for killing, plucking and dressing the fowls for the British markets. Each competitor will be given five birds to kill and dress. The results cannot fail to be most instructive and educational. At present it has been decided to sell the fowl tested in these experiments in the local markets, but later on other lots may be placed on the foreign market.

One result of these experiments will be to determine whether the farmer in fattening his poultry by the ordinary methods in vogue on the farm is making money or not, and if he is making some money, whether he could not do better by employing different methods. The results will be looked forward to with much interest.

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**PLYMOUTH**  
**ROCKS**

At the late Montreal Exhibition my birds made almost a clean sweep, winning 1st, 2nd, 3rd and 4th pullets, 2nd, 3rd hens, 3rd cock, 2nd breeding pen. Stock for sale and eggs in season; \$2 per setting of 13, three settings \$5.  
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## NEW FEATURES ABOUT A LAYING HOUSE.

BY GUS. A. LANGELIER, QUEBEC.

BUILT a new laying house this spring, and as it differs a little from ordinary plans, a description of it might not be out of place, especially for beginners in search of new features.

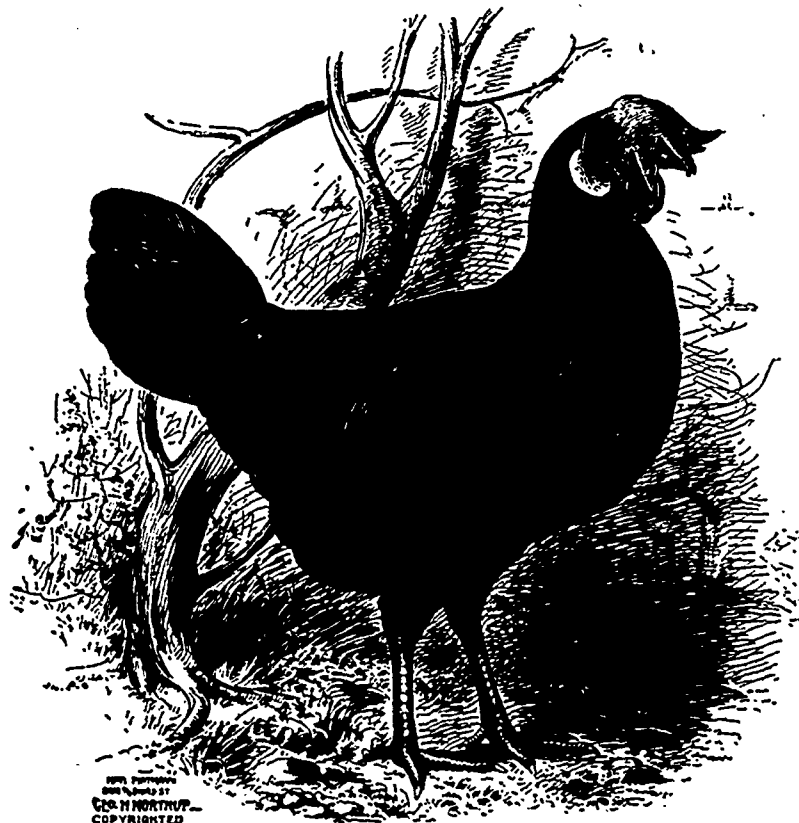
The building is 80 x 14, and faces the south-east; the back is twelve feet high, and the front four. It rests on three rows of cedar posts four feet in the ground and six feet from each other; on these posts the foundation was laid, over which is a wooden floor. This consists of a rough board, tar-paper, another rough board, three-quarter inch mesh wire netting, then grooved and tongued board. The wire netting was put in to keep rats away; they cannot get through it. The walls are a rough board, tar-paper, and grooved and tongued board outside; inside, there is a one half inch grooved and tongued board, with air space between the two. The roof is a rough board, tar-paper, grooved and tongued board, then three-ply roofing paper; the whole thing was tarred and dry sanded. The frame of the door, which is at the south end of the building, is made so as to put in a double or storm door in winter. The windows are 6 x 3 feet, nine in number, and placed on the roof; the frame is fixed so as to put in double windows in winter time and fly screens in summer. These have the advantage of letting in air and sunshine, whilst keeping out cats, hawks, sparrows, etc., The windows are hinged at top; a rope fastened at the lower end passes through a small pulley hung under the frame which holds the wire netting over the roof (I had to put four feet wire netting all along the front of the building over the end of roof to keep birds from flying on the roof and then down into the next yard), then the rope passes through another pulley screwed in the roof below the window frame, through the bottom of the window frame and through two pulleys under ceiling of

pens, and comes out to the alley way. There is an eye in which is hooked the snap at end of above mentioned rope, so that I open and shut windows from alley way. The small doors for ingress and egress of fowls are also opened and shut by small ropes from the alley way. This passage goes all through the back of building, and is three feet wide.

The inside of the house is divided into eight pens 9 x 11, and a feed room 8 x 14. We enter right into the feed room, in which are three rows of bins; on one side I keep all the meals, bran, etc., for mashes; on the other side are the grains, at the front we find the grit, oyster shells, cut clover, greens, and plaster for the

droppings' board. In this room, also, I have an Excelsior Meat Chopper, [We do not know this machine. Please say how it works. If a machine which chops meat and gristle we want one.—Ed.] root cutter and shelves for medicines, etc. I do not feed cut bone, so have no bone cutter. (I might tell you in another article why I do not feed cut bone.) This room is separated from the pens by a partition of boards.

The pens are eight in number, as I said, and 11 x 9. This is pretty near the ideal size for a breeding pen, I think. The width of the pens, nine feet, is on the length of the building. I did not put anything else on the floors, except about six inches of loose clean straw; all the grain is fed in the litter. In the south-south-east corner of each pen, boards were nailed to the height of one foot, so as to form a square 2½ x 2½ feet. This is the dust bath; it is filled to the depth of about six inches with fine sifted coal ashes, in which have been thoroughly



"ELEGANTA," WEIGHT 7½ LBS. BRED AND OWNED BY GEO. H. NORTHUP, RACEVILLE, N.Y.

This hen was sired by Black Giant and is a sister to the bird, which, as cockerel, won 1st in breeding pen at New York in 1896. She is also a sister to "Toro," whose cut appears in this issue. Her comb is as near perfect under the requirements of the new Standard as it is possible to imagine. Her form for elegance and her carriage for style are about all that can be desired.

## .. LANGSHANS ..

We have left 1 cock, (Myers) 2 hens (Robinsons) 1 cockerel, 2 pullets.

For Sale Cheap or will Exchange for Pit Games. Also 1 first-class Shipping Coop, (4 compartments) 3 Show Coops, (two with 2 compartments and one with 4 compartments). Write for particulars to

ELLIOTT & ELLIOTT, Ingersoll, Ont.  
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mixed one quarter of a bushel of lime, five pounds sulphur, and one half ounce carbolic acid. This mixture does not help lice along at all, it seems.

In each pen are nailed to the front wall two self-feeding boxes for grit and oyster shells. (I give charcoal to chicks till they are about three months old, then discontinue it.) There is also a small rope hung to ceiling, in middle of pen; a slip knot at lower end of rope is used to hold cabbage, turnips, boiled meat, sometimes, etc.

The partitions between pens are made out of boards, for the lower two feet, to keep cocks from fighting through wire netting, and then wire netting up to the ceiling. Along these partitions are the dropping boards: these are hinged to the partition at a height of eight inches from the floor, are lowered every night, also cleaned and hung up every morning. The dropping boards are made out of matched and planed lumber, are 6 x 3 feet, and are sprinkled over with land plaster every night. Two small feet, eight inches long, hold them up when on the floor. The roosts are made out of four-inch round pieces which have been split lengthwise; they are sixteen inches apart and held together by two pieces of same stuff, which were cut to a point and nailed at the ends. Four legs eight inches long hold the roosts on the droppings' boards, over which they stand like a table does on the floor. This roost frame, if I may call it so, is hung on the short legs of the dropping boards after these are hung up themselves. The whole thing is a great deal neater when up than a person would think so, and partly shuts the pens from one another. The excess of labor in lifting and lowering dropping boards is more than repaid, I claim, by its many advantages. With this system, the dropping boards have to be cleansed every day; the roosts are low, and

there are no bumble feet; all the floor space is made available.

The pens are nine feet wide and are separated from the passage as follows: At one corner is a door, small frame with two-inch wire netting, this is three feet wide. The other six feet are made up as follows, starting from the floor up. First, a row of three-quarter-inch wooden bars twenty inches long, with two inches space between, so that birds can pass their heads through to eat in a trough which is in the alley way. Over these bars, there are twenty-eight inches of boards, the lower eighteen of which are hinged to the upper ten which are nailed fast; this is a panel which is lifted up and held by hook, when eggs are taken out of nests. Then I have two feet of wire netting which makes up the six feet, height of the pens to the ceiling.

The nests are along the passage on a platform 6 x 2 feet. The legs holding this platform up have been nailed to the posts along alley way, so that no floor space is taken up by them. This platform is twenty inches from floor, and the hens stand under them when eating in the troughs. I have slanting cover of one half-inch boards over nests, and two boards nailed up on the inside part of platform, so that the birds can only come in by the end. Trap nests with sliding doors are used exclusively; I have all fronts of nests made like a door, with hinges and hook to keep shut. Instead of lifting up cover to take out the hen, I open the door of nest, which is all the front, and get her that way.

The water is given in galvanized sheet-iron pans, 18 x 6 x 6 inches, these are placed in one corner of the pen under the nest platform on a shelf six inches from the floor. Three of the small wooden bars were cut just so that I take the drinking vessels out from alley way. They are washed every day. I shall put a board with one-inch holes into it over the water next winter, and keep wattles and combs from getting wet and perhaps frozen.

The space between roof and ceiling of pens is divided into twenty-four small pens 3 x 4½. These will be used for cockerels, spare cocks, hospital, setting hens, and breaking up broody females.

The yards, into each of which leads a door three feet wide, are divided by three feet of boards from the

ground and then six feet of two-inch wire netting.

There is nothing new in this laying house, but I have combined good points of different plans. It would be hard, I think, to find anything much better than this for comfort, and at the same time taking so little work to be attended to. Windows, and doors are shut from passage; eggs are gathered and hens feed from passage; mash and water is given from passage; dropping boards are cleaned, lifted and lowered from passage.

I would be pleased to have opinion of some of the readers of your valuable paper, as to changes that could be made to better my laying house, which I consider a pretty good one.

## TORONTO POULTRY ASSOCIATION.

A MEETING of the Toronto Poultry, Pigeon and Pet Stock Association was held on August 23rd. with the first vice-president, Mr. Wolfe in the chair.

A letter from Mr. Collins, of Peterboro, relative to the meeting of poultry associations during the fair week was read, and it was decided that the Toronto Association would support the movement and endeavor to see if some steps cannot be taken to secure grants for local associations to assist them in holding annual shows.

A letter from the Secretary of the Ontario Poultry Association in reference to the Walker Cup was read. On motion of Mr. Barber, seconded by Mr. Bennet it was decided to hand over the Bertram Cup to Mr. Miller of London, and a committee of three (Messrs. Chambers, Bennet and Wolfe) was appointed to interview Mr. McNeil during the Industrial Exhibition with reference to the Walker Cup.

On motion of Mr. Bennet seconded by Mr. Pearson it was decided to hold a show during the coming winter.

There being no further business the meeting then adjourned until the regular meeting night in October.

E. J. DEWEY, Sec.

**THORNCROFT STOCK AND POULTRY FARM,**  
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Breeders of Shorthorn cattle, Yorkshiro swine and pure bred Poultry, including  
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Winners wherever shown.

**STOCK FOR SALE AT ALL TIMES.  
EGGS IN SEASON. Send for Circular.**

## POULTRY AILMENTS.

### CAUSES OF SUDDEN DEATH.

BY W. M. FREEMAN, M.P.S.

**S**UDDEN death is quite a common occurrence, both amongst poultry and pigeons—especially the latter. I am often asked to explain deaths of birds which have been, to within a few minutes or may be to within an hour or two of the time of their demise, apparently in the best of health and free from any symptom which would indicate the need for medical aid. There are two ordinary causes of sudden death; one is apoplexy and the other syncope.

Apoplexy is due to rupture of one of the small blood-vessels in the region of the brain, which results from the circulation of the blood being checked by some such cause, as excitement or indigestion. A bird which is inordinately fat is always liable to that. The attack comes on quite suddenly, and death, in many cases, takes place almost immediately; if not, the bird is paralysed, and remains so until death supervenes a few hours subsequently or, as rarely happens, it regains consciousness. No treatment is really of any avail after a seizure. It has been suggested that to open a vein under the wing will give relief, but I have no confidence in that, and do not see what good it would do. The best thing in my mind in such a case would be to cut the bird's throat at once, and so make it fit for the table. Should the patient regain consciousness, however, a dose of castor oil should be given at once, and care should be taken by reducing the food, increasing the amount of exercise,

and by similar efforts, to prevent a recurrence of the danger.

Syncope is an affection of the heart—a sort of fainting fit, from which birds rarely recover. The most important point is to ascertain when a bird has had a seizure whether it is a case of apoplexy or syncope, because in the former, quietening treatment is necessary, whereas in the latter the only hope lies in stimulants. A bird attacked with syncope is usually very quiet in its helplessness, whereas an apoplectic patient quivers and twists its neck about, and spreads out its tail. Syncope, of course, cannot be provided against, and should any bird have a seizure which appears to point to that as its cause, the only thing one could do would be to pour a little stimulant down the bird's throat.

### CASES OF POISONING.

It is by no means an uncommon occurrence for fowls to be poisoned, although in my experience nineteen out of twenty supposed cases of poisoning are purely imaginary. A very large percentage of the persons who send dead birds to me to be examined are under the impression that poisoning has been the cause of death. There seems a disposition to regard the next-

door neighbor with suspicion as deep as that with which his cat is looked upon by a pigeon fancier.

As a rule cases of poisoning amongst farm poultry are either due to some such thing as lead—white lead or similar substances are often left about by painters, and fowls have been known to pick them up; or else vermin-killer has been spread on bread and butter, and the remains of this, which the mice for which it was intended have not consumed, are thrown out carelessly, instead of being placed behind the fire and burnt. There is also the danger of fowls getting seeds or other poisonous substances, but such is comparatively rare.

In the case of poultry kept in the country, the principal mortality from poisoning is due to sulphate of copper, much used for dressing grain before it is sown. Then there is the danger of fowls drinking from the water in which sheep have been dipped, most sheep-dips being made from arsenic. They also have the opportunity of getting poisonous berries and seeds, which abound in the country; in fact, yew berries have been alleged to be responsible for many cases of poisoning. And again, poisons are used for destroying rats in the stackyards, and the farm laborer who

## ROUP CURE GUARANTEED. ROUP

CONKEY'S ROUP CURE is the only remedy that will cure roup in all its forms as long as the fowls can see to drink. For canker, especially in pigeons, this cure excels all others. It is simply put up in drinking water and the fowl takes its own medicine. The lives of two chickens is enough to pay for one tube which will cure a hundred or more. Directions in every package. If this fails we will refund the money. Sent postpaid. Small size 50 cents, large size \$1.00.

PETALUMA INCUBATOR CO., Petaluma, California.

Pacific Coast Agent. G. E. CONKEY & CO., Cleveland, Ohio.

C. J. DANIELS, 221 River St., Toronto, Ont., CANADIAN AGENT.

Please mention this paper. Do not send stamps.

## Use Guest's Roup or Tonic and Condition Pills.

If your fowls or pigeons have Roup, even if almost dying, give one Pill every day, for four or five days.

They are especially suited for Roup, Rousy diseases, Bad Moulting, Bad Fledging, Weak Young Pigeons, Chickens, Turkeys or Ducks, &c. For general Unhealthiness in Birds, either young or full grown. Skin diseases, Inflammatory diseases, Colds, with great difficulty of breathing. Indigestion Cramps, Pip, when apoplexy is feared, and going Light if given before the vital organs are too much affected. As a tonic give an occasional dose when required. For pain and Inflammation in the Egg-producing organs. When used for Egg-bound, oil must also be applied in the usual way. From weakness and prostration from overlying. For Scour or Diarrhoea in Chickens, young Pigeons, Turkeys, etc. Canker. Leg-weakness.

Since the introduction into Canada of these Pills, the Agent has received numerous letters from Fanciers all over the Dominion endorsing the Pills in the highest manner.

READ THIS—Dear Sir,—I can recommend them to be the best. I tried several other receipts, but no good. I had one hen nearly blind, I gave her three Pills. She is now in good trim. Send me another packet.—B. J. YORK.

Dear Sir,—Please find enclosed one dollar for your celebrated Roup Pills. A brother fancier met me in the street to-day, he wished to get the pills as he has some sick birds. He used them last winter and found them good. A good article always will recommend itself.—JOHN FINCH.

WARDSVILLE, ONT., Jan., 1897.

SEARORTH, ONT., Oct., 6th., 1886.

Sold in Packets for 25 cents and one dollar. Address James H. Cayford, Box 1168, Montreal.

is entrusted with the duty of laying this about is, if anything, on the average more careless than the townsman. Albeit, there are plenty of means by which fowls can be poisoned, and a series of articles on diseases would be incomplete without some statement as to the best means to be employed in case such an emergency should arise.

Much depends on the information available. If it is known what poison has been taken a special antidote may of course be given. A case of poisoning from vermin-killer, which most likely owes its danger to strychnine would perhaps be saved by a dose of sulphate of zinc, dissolved in water; but whatever the poison may be it would be necessary as quickly as possible to empty the crop. This might be done cautiously by pouring warm water down the throat, working it about in the crop, then gently squeezing it out, the fowl's neck being stretched out at the time to facilitate expulsion of the contents. This having been done the bird should have a liberal dose of castor oil, followed by a draught of warm milk, and repeated in two or three hours. This general method of treatment laid down to apply to all cases will perhaps be less confusing than to give a long list of possible poisons and antidotes. The reference to vermin-killer, however, had best be noted, because in that case delay is dangerous, and if prompt measures are not taken the bird will succumb. Even in that case the crop must be cleared out subsequently, as sulphate of zinc is itself a poison, and the only reason why it is used is that it combines with strychnine to form an insoluble compound, and this delays the poisonous action, giving the

operator sufficient time to take other measures. The symptoms of poisoning by vermin-killer are very clear, the limbs being drawn up in a curious fashion—in fact contorted into all sorts of shapes by the action of the alkaloid upon the muscles.—“Poultry.”

#### A NEW COMPLAINT.

Editor Review:

IN poultry circles one occasionally runs across practical jokes. One of the amazing expectations telephoned yesterday from a customer to whom we had shipped seven Leghorn hens about ten days previously. The telephone message was in the form of a complaint that there must be one bird ill, as for the last few days they had only laid six eggs per day. Kindly inform me the course to take to procure the 100 per cent. our customers find necessary.

Yours truly,

J. M. WILSON,  
Manager.

Toronto Poultry and Garden Produce Co. Limited, Davisville, Ont.,  
August 15, 1900.

We imagine Mr. Wilson is in a “sarkustic” mood.

We would advise a three year's subscription to the Review, combined with small but regular doses of common sense.—Ed.

## The Diseases of Poultry.

By D. E. SALMON, D.V.M.

A 250 page book fully illustrated. Treats of diseases of all kinds, fully and plainly

PRICE FIFTY CENTS. FREE BY MAIL.

ADDRESS,

H. B. DONOVAN, TORONTO

## What the New Ads. say this Month.

In this column we note from month to month new display advertisements, changes for same and the advent of yearly “For Sale” ads.

G. Berner has young and old stock in his famous buff Leghorns, for sale at reasonable prices. Birds good enough to win.

\* \* \*

Just one cent for information about F. Bettschen's stock of several breeds. Low prices.

\* \* \*

R. D. Elliott offers copper and aluminium leg bands at reasonable figures, either by the dozen or hundred. The band is a good one.

\* \* \*

R. J. Taylor, white Rocks and white crested black Polands, has extra fine cockerels and pullets for sale now. Write him, if in need.

\* \* \*

Elias Snyder has a fine lot of young barred Rocks for disposal, ready for fall and winter shows. Prices reasonable.

\* \* \*

J. W. Kedwell's time is so fully occupied with his large printing plant, that he is compelled to sell all his barred Rocks at once. Amongst them are several winners at late shows, also a lot of fine young stock. Birds are offered at less than half value.

\* \* \*

A. C. Hawkins makes his usual fall announcement of show birds fit to win anywhere as well-bred breeding stock at reasonable rates. He gives a list of part of his wins at the largest shows, and says his stock this year is better than ever.



PERSIATIC . . .

## Poultry Powder

Is a safe and sure remedy for all kinds of Lice on POULTRY.

It is harmless to hens and chickens. Dust your birds with PERSIATIC POULTRY POWDER and INSECTS CANNOT LIVE.

A leading poultry breeder says he tried everything and could not keep his valuable birds from being lousy, nor keep them clean, until he tried PERSIATIC POULTRY POWDER.

25 CENTS PER CAN.

## Persiatic Poultry Spray

Is the only effective spray for removing insects in Poultry Buildings. TRY IT. 25 CENTS PER BOTTLE.

MANUFACTURED BY

THE PICKHARDT RENFREW CO., Limited  
STOUFFVILLE, ONT.

## West's Fluid

IS A CHEAP AND EFFECTIVE DISINFECTANT

and LICE DESTROYER also a SURE CURE FOR CHICKEN CHOLERA Roup and Scabby Leg, etc.

Price 90c. per ½ gallon; \$1.50 per gallon.

WEST'S CARBOLISED BARK is good for sprinkling on setting hens.

MFRS., THE WEST CHEMICAL CO., Toronto, Ont.

S. Dippel must sell all his stock, as he intends to move at once. He gives full particulars in his display Ad. and bargains may be looked for.

\* \* \*

W. T. Beirnes, a Manitoba breeder, offers 100 Houdans and some nice white Rocks for sale, after Oct. 1st. He has a broken Gordon Setter dog for disposal, that should find a ready buyer.

\* \* \*

"One hundred and fifty black Minorcas" says J. H. Minshall, and "best he ever raised." See his new ad.

\* \* \*

Henderson & Billings are removing on to a large farm and so won't show this fall. Good birds for disposal.

\* \* \*

Elliott & Elliott offer their stock of black Langshans for sale cheap, also show coops and shipping coops. Want pit game.

\* \* \*

W. J. Gordon still breeds white Dots, and his new Ad. in for sale column will be found under this head.

\* \* \*

"Death to lice remedies," see change of Ad. in this issue.

\* \* \*

Puritan Chick Food is largely advertised in this issue. It is a good thing, as proved by many who have tried it, and its sale in Canada should be large. Mr. C. J. Daniels has the agency for Ontario, and he is ready to appoint sub-agents in localities where it is not now represented. Write him for full particulars.

\* \* \*

Chas. Mueller is having a "special sale" of his brown Leghorns and barred Rocks, and offers several of his old winners low, as well as A. 1 young stock.

\* \* \*

C. J. Daniels is still doing business at the old stand in Cypher's incubators and brooders. The "hot spell" did not kill sales, and this fall the indications are that sales will be larger than ever before. Come early and don't be disappointed.

\* \* \*

Wilson & Plumridge have formed a partnership, and will breed but the best. See their new ad. for particulars.

\* \* \*

Gus. A. Langelier invites you to send for price list and circular. No stamp needed.

## PUBLISHERS' NOTES

Mr. J. H. Cayford, Box 1163, Montreal is our Agent and Correspondent for the Province of Quebec. Any correspondence relating to subscriptions or advertising may be addressed to him.

### BOOKS, ETC.

**Binders for Review**—We can now supply neat binders for Review, will take in a whole year, free by mail for 35c. They are indispensable to those who wish to retain their copies neat and clean. H. B. Donovan, Toronto.

## CANADIAN POULTRY REVIEW

IS PUBLISHED AT  
TORONTO, ONTARIO, CANADA,

BY H. B. DONOVAN.

Terms—50c. per year, payable in advance.

### ADVERTISING RATES.

Advertisements will be inserted at the rate of 10 cents per line each insertion, 1 inch being about 10 lines.

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Breeders' Directory, 1-1-2 inches, 1 year, \$5; half year, \$3; 3 months, \$3.

Advertisements contracted for at yearly or half yearly rates, if withdrawn before the expiration of the time contracted for, will be charged full rates for the time inserted.

Back and front cover pages a matter of special correspondence.

These are our only rates for advertising and will be strictly adhered to. Payments must be made invariably in advance. Yearly advertisements, paid quarterly in advance, changed every three months without extra charge.

All communications and advertisements must be in our hands by the 15th to insure insertion in issue of same month. Address,

H. B. DONOVAN,  
124 Victoria Street, Toronto, Ont.

### FOR SALE OR EXCHANGE.

Advertisements of 27 words, including address, received for the above objects, at 25 cents for each and every insertion, and 1 cent for each additional word. Payment strictly in advance. No advertisement will be inserted unless fully prepaid.

### Twelve Adv. \$2.50.

An advertisement of 30 words will be inserted EACH MONTH for one year in this column for \$2.50, paid in advance. Advertisements may be changed every month if desired.

This coupon is good for one advertisement of 20 words in the "For Sale and Exchange" column.

THE CANADIAN POULTRY REVIEW,  
Toronto.

To meet the wants of advertisers who are continually using this column, and who find it a great trouble to be constantly remitting small amounts, we have adopted the plan of Issuing Coupons (as above) good for 30 words each, 4 for \$1. Anyone buying these Coupons can use them at any time in lieu of money when sending in an advertisement. Not less than four coupons sold.

\* \* \*

THESE RULES must be followed:

1. Payment MUST be made in advance, the amounts are too small to permit of book-keeping.
2. Write copy for ad. on a separate sheet from any other matter, and on one side of the paper only.
3. See that ads. are fully prepaid as per rate above.
4. Say plainly how many times ad. is to be inserted.
5. Give heading under which it is to appear.
6. Changes must reach us not later than the 15th. New advertisements not later than the 20th of each month.

Unless above rules are followed we cannot guarantee correctness.

### ANDALUSIANS,

**Standard Bred Andalusians.**—Bred from prize winning stock. Strain White, Plymouth Rocks, Empire and Fishel. Strain stock for sale. Satisfaction guaranteed. Write us for prices.—Huntley & McKinnon, Ingersoll, Ont. 301

### BANTAMS.

**Bantams Eggs.**—England's best Bantams, 55 pens, mated up on large grass runs several Crystal Palace winners. List on application to Frank Rice, Stanstead, Suffolk, England. 301

**For Sale.**—Choice golden and silver Sebright Bantams. Fowls and chicks. William Stuart, Goldies Mills, Guelph, Ont.

**Bantam Sale.**—Forty beautiful silver Sebright and white Cochin Bantam chicks. These are all bred from 94% to 96% birds (McNeill & Oke stock). They are just in shape for the show and are bound to win for you as they did for me. Write at once and get the pick at reasonable prices.—S. A. Gibson, Ingersoll, Ont.

**White Cochin and Japanese Bantams.**—I have for sale several pure white Japanese Bantams all bred from my cup winners of last winter. They are well grown and good enough to win, pure white in color with good legs and beaks and stylish, \$3.00 per pair, \$12.00 per trio. Also a few white Cochin Bantams of a one quality at same price. I will fit for show if given a weeks notice. Birds sent on approval a reasonable distance if express charges all paid and price deposited. A good chance to get rare birds cheap. H. B. Donovan, 124 Victoria St., Toronto.

### BRAHMAS,

**Dark Brahmans.**—Ten dollars for trio; cock, first; hen, first; pullet, second; Quebec, 1900. Cockerels and pullets; nothing less than \$2.50. See regular ad. Stadacona Poultry Yards, Quebec.

### CAGE BIRDS, ETC.

**English Birds.**—Imported, Goldfinches, Linnets, Skylarks, Thrushes, Jays, Starlings, etc. Mocking Birds, Cardinals, Fancy Finches, etc., at Hope's Bird Store, 109 Queen Street West, Toronto.

**For Imported Birds.**—Try Hope's Bird Store, 109 Queen Street West, Toronto. Fine young Mocking Birds, warranted cocks, \$1.00 each.

**Cages Japanned.**—From 35c. Cages, brass, from 65c.; Cages, breeding, from 75c.; Cage appliances, nest and nesting, seed, etc.; everything in the bird line at Hope's Bird Store, 109 Queen St. West, Toronto.

### DOGS.

**Scotch Collie Puppies.**—A number of very grand ones, sired by imported Otterburn Conqueror ex my best imported bitch, that will be sold to bona fide poultry men and farmers at from \$10.00 to \$20.00, about a quarter their actual value; also a number of older ones. Apply at once to C. Y. Ford, Kingston, Ont. N.B.—This strain can be easily trained to take care of poultry, cattle and sheep.



**Do You Keep a Dog?**—The Canadian Kennel Gazette will tell just how to care for him, and will also give you all the news of the month, portraits from life of the best dogs living, and many other good features. \$1 a year, 10c. a copy. Address H. B. Donovan, Publisher, Toronto.

**For Sale.**—Scotch collie pups from stock imported by myself from best blood obtainable, and of pedigrees. Prices way down, write for particulars and pedigree. Mrs P Hart, Belleville, Ont. 1900

#### GAME.

**Pit Games.**—My special breed Yamaska pit Games are guaranteed to win or die. Write for prices. Eggs, \$1.50 per 13. J. A. A. Seguin, Box 156, St Hyacinthe, P Que 1200

**Exhibition Games and Game Bantams.**—Black Reds and Pyles. My matings this season are all high class birds; in fact, the best I ever had. Eggs and birds for sale. Satisfaction guaranteed. A. J. Grigg, Jeweller, Clinton, Ont. 101

**A Snap.**—One B B R Game cock, three hens, full sisters, one cockerel, five pullets, extremely choice lot. Am selling on account of removal. The whole must go for \$14.00. Address, A. H. Smith, Walkerville, Ont.

**Cornish Indian Game.**—A few male birds for sale cheap. Grand shape. Size and markings. G. W. Kinder, Strathroy, Ontario.

#### HOUDANS.

**Houdans.**—Sixty young Houdans now ready for sale. good in color, crest, beard and feet. These will be sold at prices that are right. W. Ellwood Pollock, Norwich, Ont

#### LANGSHANS.

**Black Langshans.**—Ten dollars for pair; cock, first; hen, first, Quebec 1900. Cockerels and pullets all gone. See regular ad. Stadacona Poultry Yards, Quebec

#### LEGHORNS.

**S. C. B. Leghorns.**—Thirty young birds bred from imported stock. Six imported cockerels, early hatched. In condition for showing in September. —W. Ellwood Pollock, Norwich, Ont.

#### MINORCAS.

**Northrup's 1900 Minorca Catalogue,** the most complete ever published in descriptions, prices, 1000 winnings, new pictures of buildings and fowls, contains much information, fully indexed under 60 headings. Rose and single comb black Minorca cocks, hens, cockerels and pullets. Bargains. Geo. H. Northrup, Box 473, Raceville, N.Y. 401

**Single Comb Black Minorcas.**—Cockerels and pullets from English stock, large birds and large eggs. Have them, and win first prize every time for best dozen white eggs. See regular ad. Stadacona Poultry Yards, Quebec

#### ORPINGTONS.

**For Sale.**—Imported pen S.C. Black Orpingtons 1 cock, 3 hens, all yearling birds, also buff and black chicks, 1900. Address Brewster, Compton, Que

#### PIGEONS.

**Bargains in Pigeons.**—Swallows, Pouters, Owls, Turbits, Blondinottes, Tumblers, Carriers, Fantails, Anterpens, etc., etc. Write for what you want. We can please you. Hope's Bird Store, 109 Queen Street West, Toronto.

**White Fantails.**—Only a few grand pairs left for disposal, and several old hens, at half price to clear, one pair each, Black, Yellow and White Jacobins. Two Red Cocks, two Splash Cocks one Red Cock and yellow hen. Pair Strawberry's one yellow Pouter Hen. Winners, at low prices Charles Massie, Box 202, Port Hope, Ontario.

**White Fantails.**—1st and 3rd at Guelph, 1st and 2nd at Stratford. Fine young stock for sale cheap, also old birds. J. B. Woodhall, Theford, Ont.

#### PLYMOUTH ROCKS.

**Barred Rocks exclusively.**—Fifty well grown cockerels and pullets. Hawkin's and Thompson's strains. Exhibition cockerels, \$2.50; Breeders, \$1.50; Exhibition pullets, \$2; Breeders, \$1 one Hawkin's, one Thompson's cock. Pullet breeders \$3 each. Money refunded if not satisfactory. —A. F. Manly, Ingersoll. 1000

**White Plymouth Rocks.**—Cockerels and Pullets, bred from Ontario's best stock, especially for Winter Laying. Get them and have eggs when prices are high. See regular ad. Stadacona Poultry Yards, Quebec.

**Barred Plymouth Rocks.**—Cockerels and Pullets from Illinois champion stock, bred for quick maturity. Try them and see the chicks about away from others next spring. See regular ad. Stadacona Poultry Yards, Quebec.

#### POULTRY APPLIANCES.

**Shipping Labels** printed on red express paper. Eggs for hatching, 25 for 10c. Live Fowls, double the size of the others, 15 for 10c., free by mail. Use these and have your eggs and stock handled with care. Stamp for samples. H. B. Donovan, Toronto

#### Poultry Food.

**I am offering** Grit, oyster shells and meat meal very low at present, goods are first class, and for prices stating how much you wish. The Elliot Farm, D Lincoln Orr, Prop., Box 14, Orr's Mill's, New York, U.S.A. 11

#### RED CAPS.

**English Red Caps.**—First-class young and old Exhibition stock for sale at reasonable prices. —G. W. Kinder, Box 238, Strathroy, Ontario.

#### Sale or Exchange.

**For Sale or Exchange.**—Pen of 4 Buff Cochins (McCormick strain), 6 golden Wyandottes, 6 white Wyandottes, 6 Buff Rocks, also young stock for sale. Brown & Bucher, Kingsville, Ont.

**For Sale or Exchange.**—Look! First-class stock in Barred Rock hens, 1 year old; want, black Cochins, Andalusian, or golden Hamburg cock; Ducks, Pigeons or others. Henry Brinson, Prescott, Ont.

#### VARIOUS.

**For Sale:**—To close out Best pen Partridge Cochins, best pen Houdans, best trio Dark Brahmas, best pair Light Brahmas, best pen H. C. Brown Leghorns, best trio S. S. Hamburgs, first-class exhibition stock. Reasonable price. Write, U. Bonnerville Danville, Que. 501

**If you want to raise some exhibition birds** this season, send and get my circular of 40 varieties. Birds for sale at all times. W. W. Reid, Ayr, Ont. 101

**J. H. Parsons, Osaca, Ont.**—Breeder of Cornish and white Indian Games, buff Rocks and buff Leghorns. Exhibition birds a specialty. Birds for sale and eggs in season. Indian Game, \$3.00, others \$1.50. 1220

**Wanted.**—Pencock and Hen, good. Look here See May Review cuts of this poultry plant. We offer for sale, 3 pens Light Brahmas, 2 pens white, 2 pens brown, 1 pen Buff Leghorn, 1 pen Andalusians, 4 pens Barred P Rocks, 1 pen Black Javas, 1 pen W. C. B. Poland's, 5 pens white Langshans, 3 pens Pekin Ducks, 2 pair Embden Geese. All above stock one year old, at Dentonia Park Farm, Poultry Dept.—F. H. Webber, Maungar. 1100 Coleman, Ont.

**Eggs for Hatching.**—Silver Wyandottes, cock, prize winner, New York. White Wyandottes, cockerel, first prize, Montreal. Barred Plymouth Rocks, cock and hens, "Lefel stock." Wm. H. Uiley, Royal Poultry Farm, Montreal.

**For Sale.**—I have the three requisites for Minorcas, size, shape and correct plumage. Four January cockerels fit for exhibition. Eight choice hens, also golden Wyandotte and Dominique chicks, one pen Spanish. E. R. Frith, Maxville, Ont.

**For Sale.**—Our entire stock of black and silver Spangled Hamburgs, as we will only breed Barred Rocks and black Leghorns in future. Apply W. Davidson & Sons, Lambton Mills, Ont. 1100

**Black Langshans.**—Two beautiful cocks (Hobson stock), also light Brahma cock, grand bird, imported from Holms Bros. Will sell above birds cheap. J. W. Potter, Walsh, Ont.

**For Sale.**—1 white Rock hen, 2 Buff Rock hens, 4 white Wyandotte hens, 4 silver Wyandotte hens, 4 Houdan hens, 1 silver Wyandotte Cock, 1 pair Sumatra, quality guaranteed. We need room. Geo. Bogue, Strathroy, Ont.

**Single Comb White Leghorns.**—About 15 old ones and 25 young ones, also 1 Barred Rock cock 1 year old and 3 hens all at a bargain. Write your wants. J. & W. Barr, Woodstock, Ont.

**B.B. Game and Buff Wyandottes** of the highest quality for sale. My stock has taken prizes at all the leading shows in Canada. Write for prices. Frederick Field, Cobourg, Ont. 1000

**For Sale.**—4 good well marked heavy weight light Brahmas for sale, also 10 good brown Leghorn, single comb, 1 and 2 years old, from which I have bred good prize winners. I will sell the above cheap if taken at once. Thos. J. Sheridan, Oshawa, Ont.

**Black Minorcas and Barred P. Rocks.** for sale at reasonable prices, winners and choice breeding stock. Exhibition cockerels and pullets a specialty. Alex. A. Fraser, Sandringham, Ont.

**For Sale.**—Young birds for exhibitions in pairs or single birds. S.S. Hamburgs, Black Hamburgs, Black Leghorns, Brown Leghorns, White P. Rocks, Queen's Park Poultry Yards, Box 42, Verden.

**Belgian Hares,** 5 mo. old, \$2.00 per pair; bucks 75c; Bucks 8 mos. old, \$1.00 each. Fine black African Hants, \$3.00 per pair. W. H. Groat, Grimby, Ont.

**For Sale or Exchange.**—100 cockerels in B. P. Rocks, W. Wyandottes, single comb, W. Leghorns and W. Minorcas, single comb and rose comb brown Leghorns and black Minorcas, 50 pullets in B.P. Rocks, also 10 pairs Pekin ducks. All choice birds. A. B. Armstrong, Codrington, Ont.

#### WANTED.

**Agents Wanted** to solicit subscriptions to Review. Liberal terms. Good money for sharp canvassers. All take it who see it. Write us in time for fall shows and fairs. Samples sent. Send for circulars and terms. Address H. B. Donovan, Toronto, Ont.

#### WYANDOTTES.

**A combination** of Duxton, Andrews, Knapp and Hunter, white Wyandotte pullets, mated to a fine Massie cock; also a pen of fine, large hens (Gordon), mated to a pure white cockerel from the above strains. Eggs for balance of season, \$1 per 13. J. W. D. Cooper, Pickering, Ont. 101

**Jas. Arthur,** breeder of high-class silver Wyandottes, winners at Canada's greatest shows. First-class stock for sale at all times. Eggs from my best matings, \$3 per 13. Address 731 Lorne Ave., London, Ont. 102

**White Wyandottes.**—Winners of \$500 silver (up at Toronto for best cock, Hen, cockerel and Pullet, and 1st pen, also 1st Cock, 1st Hen, 3rd Pullet, Special best pair at last "Ontario.") One very fine shaped pure white Cockerel, (from its Ontario Cock); and six Pullets, all laying. This pen for sale at a bargain. Charles Massie, Port Hope, Ont.

**White Wyandottes exclusively.**—A few more year old hens for sale and 2 cocks, and 50 cockerels all of the finest type. Write for descriptions and prices. They are the best procurable. W. J. Gordon, Box 75, Pickering, Ont. 501

**Selling Out.**—All of my golden Wyandottes are for sale at a bargain, also a Mann bone cuttor cheap. For prices write. Wm. Williams, Bloomington, Ont.

## Pheasant Culture

FROM EGG TO EGG.

By DR. T. SHANNON MCGILLIVRAY

A treatise that gives all the successful points in keeping and breeding this handsome and profitable inmate of the yard and aviary.

Price 25c.—Free by mail.

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CANADIAN POULTRY REVIEW,

Toronto, Ont.