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# THE CANADIAN POULTRY REVIEW

DEVOTED TO

## POULTRY, IN ALL ITS BRANCHES

FOR THE FANCIER, THE FARMER AND THE SMALL BREEDER.

VOL. XXIII.

124 VICTORIA STREET, TORONTO, DECEMBER, 1900.

No. 12

### NOTES AND COMMENTS

THE close of another year sees the Review occupying a more important position than ever before. With the growth of the poultry industry in Canada, it has steadily kept pace, until we are not afraid to say that though not the biggest, it is amongst the best. The pages of the Review have been clean, our criticisms, where necessary, fair and impartial, and in quality, of reading, the year now closed has been ahead of any of the twenty-two other years of the Review's existence. We invite the kindly help of our readers; we know that it is only by their assistance that we can do the things we desire in the advancement of our mutual cause. Tell your neighbor the Review is worth reading, and the price a mere song. Send us names, that we may send them samples; we cannot get too many. Help the Review; it helps you.

In this issue will be found a bill for subscription, where due. We invite a hearty response, and more than all, we desire that each reader would send us an extra name or two with his own subscription. Our efforts are to make this paper YOUR paper, the organ of no clique or association, as fair to the poor man as to the rich, honest, upright, useful. Help on the good work; do it now, and keep doing it. There is no idle time in the poultry business, no slack season. The present is the time to act.

St. Johns. Que., Poultry Association

are going to hold their third annual exhibition January 7th to 10th, inclusive, and are giving one dollar for first prize and fifty cents for second. This association deserves more than a passing thought and should be encouraged by our older and more experienced exhibitors, and by the way, it should also prove a paying investment to those having stock for sale, as there are very few breeders in the immediate vicinity. However, there are a few very enthusiastic poultrymen, who are putting their shoulders to the wheel and working night and day to make poultry breeding, and more especially exhibiting, a success in the locality, where heretofore only county fairs and farmers as judges have held sway, and already there is quite an awakening and looking for something to place on exhibition and new breeds to introduce to that section of the country. We wish them success in their undertaking and hope our exhibiting friends will see their way to assist them.

Mr. Westervelt, the "Ontario" secretary, advises us of the following complete arrangements: The annual meeting of the Ontario Poultry Association will be held in the lecture room of the Winter Fair Building, at one o'clock on Thursday, December 13th, and additional addresses on poultry will be delivered at four p.m. in the afternoon of the same day. The judge of dressed poultry will be Mr. W. R. Graham. The judges for both live and dressed poultry will be requested to make a report on the classes which they judge, for publication in the annual report. Reports of experiments at the Ontario Agricultural College and Dominion Stations will be given by those in charge of the experiments. A list of specials will be published in

the course of a few days and sent out to persons who have exhibited in previous years. A splendid list of these specials is being arranged.

In the poultry building it is probable arrangements will be made that there will be three double rows of tiers running the full length of 300 feet. This should make an excellent showing. Full arrangements are being made for a large number of entries. The coops in the possession of the local association at Guelph have kindly been offered for use at this time. The coops and all preparations will be completed during the week commencing December 3rd. Exhibitors have signified their intention of attending from both east and west. Poultry shipped by freight may be shipped at a one way rate to the fair, and if unsold will be returned to the original point of shipment free. The express rates are covered by the following: Fancy poultry or pigeons in cloth coops, pet stock (including dogs), boxed or crated, that have paid double merchandise rate to fairs and exhibitions, may be returned free if accompanied by certificate from the secretary that they are being returned to original owner. Fancy poultry or pigeons in slatted coops, sent to fairs and exhibitions, will be charged single merchandise rate each way. Passenger rates: Sharbot Lake, Kingston and west, single fare for round trip, good going December 10-14, returning good until Dec. 15th. For judges and exhibitors, in Ontario and Quebec, west of Montreal, good going December 7th to 14th, and returning good until December 18th. Exhibitors will require a certificate from the secretary before they will be entitled to obtain the tickets as above. No standard convention certificates will be

required from any point, round trip tickets being issued for single fare. This arrangement should induce a large number to be present who would otherwise not be able to attend.

Cheap rates! Large exhibits! Practical lectures! Good addresses! Any person interested in any one department of the Fair, should make a special effort to be present at the show this year. Notices have been sent out by Mr. Geo. W. Miller, secretary pro tem, London, Ontario, that the Canadian Barred Plymouth Rock Club will hold its first meeting in the Council Chamber, Guelph, at three o'clock, December 12th, to complete organization of the society.

Particulars of the coming show in Brantford are given us by secretary J. H. Minshall in the following: "Everything points to a large show at the fourth annual Poultry and Pigeon Show and Pet Stock at Brantford. We have enlarged our list. Have added seven varieties of pheasants. The management want to have all birds judged the first day of the show, so have, at large expense, engaged four judges to officiate. All are practical poultry breeders, Thos. H. Smelt, one of the best judges in America; Richard Oke will be able to place the awards where they belong in the varieties he is to judge so as to give satisfaction to all. Mr. Newton Cosh, one of our old members, now of London, of Andalusian fame, will judge the Mediterranean class. Mr. Cosh has made a life study of the Mediterranean breeds, and will make a good mark for himself. Mr. Chas. Massie will judge the pigeons and Wyandottes, and no better man could be had for these sections. We hope our undertaking to have specialist judges will be a success, and that everyone possible will send their stock along and make it one of the largest shows in Ontario. Prize money will be paid during the show. At this writing the lists are not out of the printer's hands, and anyone not getting their prize list by return mail will understand the delay. Will have them this week, and will be able to send list to all who do not receive one by return mail. For lists write J. H. Minshall, 22 James St., Brantford, Ont.

The date of the Woodstock show is December 18th, 19th, 20th and 21st.

and the entries close on December 14th. Mr. J. H. Callender, the energetic secretary, will be happy to send a prize list to anyone who will send him a request for same. The regular list has been augmented and a tempting list of specials will also be given. The dressed poultry classes will be well looked after, and as this branch is growing into such large proportions, a big entry is assured. Exhibitors in the dressed poultry classes will not be required to pay the regular one dollar membership fee.

Mr. C. C. James, Deputy Minister of Agriculture, has been chosen as representative from Ontario to the Pan-American Exposition, an appointment that we very heartily endorse. Mr. James recognizes the value and extent of the poultry trade, and exhibitors' interests will be safe in his hands.

The Stratford prize list—date of show, December 26th to 28th—shows a very attractive arrangement, the amount of money offered being one dollar for 1st, and fifty cents for 2nd. The fee is but the handy quarter, and the classification is most extended. A list of valuable specials is an additional attraction for exhibitors. The Review is giving a bronze medal for best breeding pen in the Mediterranean class. Entries close December 21st, with the veteran secretary, Mr. W. Sanderson who for so many years has been identified with Stratford's poultry shows.

Mr. Peart, the Hamilton secretary, requests that breeders send to him for a copy of the prize list, which has been greatly extended. Two silver cups have been added since the list was printed, and the money offered for dressed poultry should prove a draw.

Mr. C. J. Daniels, the well-known show superintendent, is, we hear, a candidate for an official position in connection with the poultry show of the Pan-American Exposition to be held in Buffalo next year. Mr. Daniels' ability in this capacity is such, that anything we can say would be but attempting to paint the rose, a futile effort. The appointment of Mr. Daniels would lead to an increased entry of birds from the Dominion, as everyone has confidence in his ability to

look after the welfare of the feathered tribe. We solicit the influence of Canadian breeders on his behalf, and it would probably strengthen his, and our, hands, if those who intend to show at the Pan-American would say a good word to the Superintendent of Live Stock, Mr. Frank A. Converse.

We are glad to know that the Homewood Leghorns will re-enter the lists at the "Ontario" after such a long absence. This is right; the Ontario wants all exhibitors, the old as well as those of more recent advent, and united effort will place "the old association" on a pinnacle that it has never yet reached.

The St. Jerome, Que., Society will hold its second annual show from January 11th to 15th, at which a liberal list of regular and special premiums will be offered. The entries close on January 5th, with the secretary, Mr. Victor Fortier, who will be glad to afford all information. We hope breeders will help out the shows in Quebec this season, and so encourage them to renewed effort.

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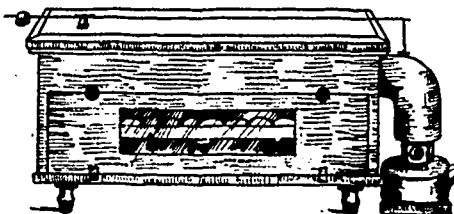


We invite correspondence for this important department of commercial poultry raising, which is growing so rapidly in Canada.

**OPERATING AN INCUBATOR.**

**W**HEN using an incubator the conditions for success should not be overlooked. The temperature of a room in which an incubator is placed should be uniform, especially if it is a self-regulating machine and made without sawdust packing or air-spaces. Contraction and expansion are constantly going on, owing to the heat and atmospheric influences; hence, the temperature in the egg-drawer must be affected by it. The machines which are constructed with several inches of sawdust packing between the egg-chamber and outside case, or which have an air-space between the cases, fluctuate but little in temperature. An incubator should be heated, operated and thoroughly tested in every part, in order to be sure that the temperature is the same in the front, back and sides of the egg-drawer. In rainy weather less moisture is needed in the machine, especially if there is a valve on top to let off sur-

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Sure Hatchers, Sure Raisers. Send for free circular.

**PRICES:**

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| 60 EGG INCUBATORS.....                                 | \$10 00       |
| INSIDE BROODER, 40 CHICKS .....                        | 6 00          |
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| LOVELL'S LICE LIQUID 20c. pt., 40c. 1.2 gal. 75c. gal. | 8 00          |
| TESTED THERMOMETERS .....                              | 75c. and 90c. |
| Sure Cure for Sealy Leg.....                           | 15c.          |

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**GERMOCIDIC  
CURES ROUP,  
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spreading. Tasteless, given in water, no bad smell, cheap easily given. A sure cure full directions with each box or bottle.

**IN LIQUID FORM:**

10 cts., 25 cts., and 50 cts.

**DRY POWDER,  
Per Mail Postpaid.**

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**J. F. Monck, Manager,**  
173 Pacific Ave., Toronto Jct

plus heat for it admits saturated air into the egg-drawer at the same time. But little if any, moisture is required until the chicks begin to hatch; but the keeping of the temperature of the egg-drawer should be such that it will not absorb the natural moisture of the egg. Too much moisture is worse than none at all. By placing a wet sponge in a small cup in a drawer one can soon determine the amount needed. If it remains moist for six hours you may rest assured there is ample moisture. If it dries in that time you have not sufficient moisture, and more must be supplied.—Farm and Fireside.



**HOW TO HAVE EARLY  
HATCHED PULLETS.**

WHAT MR. GILBERT HAS TO SAY ON THE SUBJECT.

**E**ARLY hatched pullets may be secured in two ways, viz:

1. By using hens to hatch them.
2. By incubators and brooders, or brooding house.

The first method is more likely to be practised by the great majority of farmers, for the time being at any rate. But there are certain conditions in connection with hen-hatched chickens that the farmers must be acquainted with or desired results cannot be obtained. It must be borne in mind that in order to have early sitters, the hens of the sitting breeds should lay in winter. If they do not, as is too frequently the case, they will not become broody until they have laid their quota of eggs in spring, and this, with the

further period of three weeks required for the hatching of the young birds, may mean the end of May or the beginning of June before the first chickens make their appearance. Past experience in our poultry department has shown that when Plymouth Rocks, Wyandotte or other hens of the sitting varieties lay, all winter, there are broody hens enough in March or early April to hatch out many chickens by first week in May; and early May chickens, with proper care and food, have been found to grow rapidly. The weather is always a factor. Some seasons are milder and earlier than others. Early May hatched pullets, of the American breeds, should lay in late October, or early in November. In 1897, one of three barred Plymouth Rock pullets hatched in our poultry department on March 11th, laid her first eggs on September 20th following (five months and nine days), and the others shortly afterwards. A year or two previous a barred Plymouth Rock pullet hatched April 29th, laid her first egg four months and twenty-nine days later. She was the earliest pullet to lay in the history of the department. Early May hen hatched chickens, seem to grow best and give the most satisfactory results as flesh formers and layers. Earlier in the season the weather is too cold to permit a rapid growth, unless mother and brood are placed in a warm compartment, and the floor covered with earth. Or when the chicks have been taken away from the mother hen and placed in a properly constructed brooder, or brooding

In the country, village, 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 certain of good results will be found in the use of the:

**RELIABLE INCUBATOR & BROODER.**

The remainder of the story and plan of procedure is in our Book on Incubation and Poultry. Send 10 cents for it.

**RELIABLE INCUB & BROODER CO.,**  
QUINCY, ILL.

**200-EGG Incubator \$12**



This perfect 200-egg Wooden Hen at \$12 is a startling trade innovation. It will do the work of the most costly hatcher, and keeps in order with little attention. Hatches every fertile egg. Illustrated catalogue free.

Address: G. H. STAHL, Quincy, Ill.

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## INCUBATORS



hatch every hatchable egg, and chicks are as strong as if hatched by a hen. The Star comes nearer than any other incubator to providing the exact conditions which nature gives. No artificial moisture. Perfect systems of heating and ventilation. It is an honest, strong, scientific incubator at a moderate price.

Free—A valuable illustrated book on hatching, feeding and housing poultry, and catalogue of incubators, brooders, etc.

**STAR INCUBATOR CO.,**  
63 Church St., Bound Brook, N.J.

**If It's Good for Poultry, WE HAVE IT.**

Write for Circular of our

## \$5.00 INCUBATOR

All Supplies for the Poultry Yard.

The Canadian Poultry Raisers' Supply Co.,  
43 Scott St., - Toronto, Ont.  
12.00

house. In the colder portions of the Dominion, where ordinary facilities are at the disposal of the farmers, hen-hatched chickens of early May will

be found to give the best satisfaction.

### THE SECOND METHOD OF RAISING EARLY PULLETS.

But it may be said—indeed is often said by correspondents—that pullets are wanted to lay four or six weeks earlier than those which are hen-hatched, or at the time when the older hens are in moult and eggs scarce and high in price. In such a case recourse must be had to the second method, viz.:

By incubators and brooders, or brooding houses. The early hatching and rearing of chickens by artificial means is becoming more in vogue because incubators and brooders have become more easy in operation and certain in results. It is certainly the only way by which one party or a company of capitalists can hatch out a large number of chickens during the winter months or early in spring. If only a limited number of eggs are required for incubator use in late winter or early spring and the hens are also stimulated to lay eggs for sale in December and January and part of February, skill and experience are required in the handling of the laying stock, so as to have a large percentage of the early eggs fertilized. In certain cases it may be advisable to keep a number of hens to lay eggs for incubator use only. Where chickens are wanted in comparatively small numbers a good brooder or sectional brooder house, may be found sufficient, wherein to care for the chicks, until the weather permits of their being put in coops outside. But in large establishments

where the artificial hatching and rearing of chicks for sale as early broilers is conducted on a large scale, an extensive brooding house is required. In such establishments a great number of hens are kept mated and managed so as to lay as large a percentage of fertile eggs as possible. Hatching by incubators begins in December or early January and the chickens do not leave the brooding house until put on the market, ten or twelve weeks later. Few eggs are sold for eating purposes, the aim of the management being to convert the dozen eggs, which for eating purposes are worth at city prices thirty-five or forty cents, into broilers or early roasters worth at the proper season \$1.25 to \$1.50 per pair. A dozen eggs from which are hatched six or eight chickens, after making allowance for cost of rearing, affords at the figures mentioned a large margin of profit to the skilled and experienced managers. Speaking on the subject, Mr. A. F. Hunter, the well-known proprietor of Cleft Rock Poultry Farm, South Natick, Mass., said, "while some persons are content to so manage their hens as to make only forty cents per dozen on the city markets for their winter eggs, others by their skill in management and expert knowledge of artificial incubation make the dozen eggs worth to them four to five dollars. The margin of profit is there. It is only a matter of skill and perseverance to make it."

There are several farmers in Canada who successfully use incubators and wire are on the way to be specialists. They are found in the neighborhood of the larger towns and cities. But the great majority of our farmers have yet to learn how to have their hens lay in winter and their energies meanwhile should be directed to


1. So managing their hens as to have eggs in winter.
2. And so have, not only a high price for their eggs, but early sitters to hatch out early chicks for market and pullets for early layers.

**SIXTEEN YEARS' EXPERIENCE IN "ARTIFICIAL POULTRY RAISING."**  
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**THERE'S A CHICK IN EVERY EGG**  
WHEN HATCHED IN

## PRAIRIE STATE INCUBATORS.

There is no mistaking the fact that Prairie State Incubators will hatch every hatchable egg, and that Prairie State Brooders will raise every chick it is possible to raise. These machines are noted for their reliability, accuracy, and ease of operation. 322 First Premiums at the leading shows prove this. Send for our large illustrated catalogue containing 50 color-plates and numerous pages of half-tone engravings. Free—send for one.

**PRAIRIE STATE INCUBATOR CO., Homer City, Pa.**





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

BANTLINGS.

THE Bantam fanciers who are partial to the black rose comb variety are requested to communicate with Mr. Richard Oke, London, Canada, who is writing to several breeders with a view of securing an amount in cash for a Sweepstake Special at New York, 1901.

Mr. Oke would like to secure the opinions of the several breeders in the States and Canada, and, when writ-



PLYLE BANTAM PULLET  
Owned by J. F. Monck, Crescent Poultry Yards, Toronto Junction, Ont.

ing, please state fully your ideas on the subject. This could be made a very interesting feature of the National Bantam Association's exhibit, and the officers will be pleased to assist in perfecting the arrangements for the contest

E. LATHAM, Secretary.

October 20, 1900.

Rankin Bros., Owen Sound, have bought the 1st and 2nd prize black Cochins at the late Industrial.

Polish Bantams won't stand cold rains, get them inside and keep dry. In fact, this will also apply to all the feather legged varieties as well. If you have late hatched Bantam chicks and a house none too warm, give

them a brood coop to sleep in at nights.

Cut squash in four pieces and see the midgets go for it. They delight in its soft juicy interior.

Mr. Butterfield's opinion is that breeders are asking for Japanese Bantams too low on the leg, and thus typical shape and carriage are lost. There is a happy medium that it is well to stick to.

Warm days, cold nights, draughty coops, sick chickens.

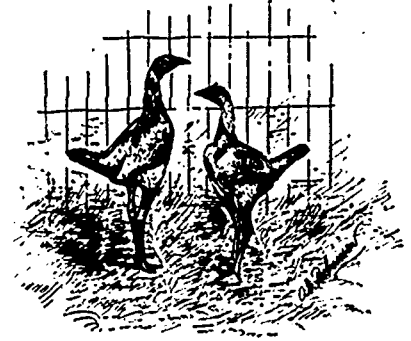
NATIONAL BANTAM ASSOCIATION.

THE regular annual letter to the members of the National Bantam Association has been sent out. The Association again this year steps farther forward in its determination to assist the breeders of Bantams and place them in the foreground of the fancy, and it will not be surprising to report later that the list of cash specials has been greatly increased because of the interest manifested by the members.

At the last annual meeting, the names of three fanciers were presented, and the gentlemen placed in nomination as judges. They are: Messrs. W. J. Andrus, H. J. Quilho, and C. E. Rockenstyre. One of these judges will be selected by a majority of the votes cast; by a postal card vote, beginning on October 1st and terminating November 3rd. Any vote mailed after the latter date cannot be accepted in the poll. It is to be desired that a full vote be registered. This is a voting year, and there is no reason why each and every duly elected member should not cast a vote for the important position of judge of Bantams other than Game at New

York, 1901. The interest in competing for cash specials prompts the officers to greater efforts in securing them for our next annual meet, and there is no evidence that the members will fail to make up a generous fund for the prospective winners.

The cups arranged on Sebrights by Mr. Wm. Holmes, are still an object of contention, and big entries in this



1st and 3rd black red Bantams at the Industrial, Toronto, 1900. Owned and bred by Al. Robison, Toronto Junction.

class as well as in all the other classes are confidently looked for at the coming show.

This is the season when the bees put away the last bit of honey and the leaves begin to fall from the trees. It is the time when the fancier rouses himself to his best efforts in anticipation of the coming of the fall and winter shows. It is now time to prepare.

E. LATHAM,  
Secretary.

Flatbush, L.I., N.Y.

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**WHITE WYANDOTTES**  
GREAT WINTER LAYERS  
EGGS, \$7.50 per SETTING  
A few heavy cockerels yet unsold.  
H. J. WOOD, - - - HULL, P.Q.

Please Take Notice!

Now is the time to buy your Show Birds for the Winter Shows.



My S. C. Brown Leghorns and Barred Rocks

of this year are the finest and better in color than any I have previously raised.

Parties, wishing to secure high class exhibition birds, should write to me in regard to their wants.

S. C. R. L.

cockerels with that grand striping in hackle and saddle, and pullets with rich salmon breasts and grand backs, will be sold for \$1.50 each.

B. P. R.

with even barring, grand size and proper Rock shape, for \$1.50 each. All parties buying stock from me can feel assured that they will really get something very fine.

CHAS. MUELLER,

Box 391, Waterloo, Ont.



## UTILITY BREEDING FOR EGGS AND FLESH.

BY H. D. SHERWOOD, OF SHERWOOD BROS., FERGUS, ONT.

IN these days of advancement in all lines of industry, including the introduction and perfection of the different breeds and corresponding varieties of poultry, a good opportunity is afforded of observing the different degrees of popularity with which each is received. How often a new variety is brought to the front, boomed for a short time to its greatest extent, and then apparently sinks away without making any lasting place for itself among the recognized breeds. Then again, we see another variety brought forward, but how different is its reception. From the first, perhaps, it is taken up, by its own practical merits, and its adaptability for the use for which its originator intended it wins for itself a permanent place among the standard breeds of poultry.

A liberal estimate of the number of breeds that have stood the test of practical worth, and are to-day in general demand as utility fowl, would probably not show over fifteen per cent. of those introduced, and the question naturally arises, "What are these points so necessary in the utility bird of to-day, and in what breeds are these qualities found to best advantage?"

If we take eggs and dressed chickens as the products of the poultry industry, and consider at what seasons these products can be brought to the best market, we can get a little nearer to the answer to our question. To anyone at all versed in poultry, it is unnecessary to mention that the late fall and winter months is the profitable time to raise eggs for market. The dressed meat market, on the other hand, has two seasons; the broilers going in early summer, and chickens and capons soon as the cold weather sets in. So it can be easily seen that the ideal fowl must first be such as can lay a liberal number of eggs during the late fall along till we might say May, and at the same time be of such a nature that as an eight to ten week's old chick, her body may be large and rich colored for a broiler, or if left for two or three months later, will dress a handsome chicken for the Thanksgiving trade, or a dainty twelve or fourteen pound capon in February. This, however, is where

the hitch comes in, this is where the fancier with all he has done for the poultry industry, has to admit that he cannot come up to his highest ideal. Very unwillingly he has been led to understand that he cannot get the maximum of output in both eggs and meat from the one individual hen or breed, and he now finds his heaviest producer of eggs among his medium sized active birds; but when he wants a meat producer he must surely look to one,

birds with medium to small combs; or at least to do away with the abnormally and almost unsightly large combs we so often see even on hens which are at least no addition to its utility, and very little to its beauty. Then we see, too, the part that color plays in the choice of a variety of fowl. Demand, in ninety-nine cases out of a hundred, calls for a yellow-skinned bird and this we cannot get in any but the white or buff varieties.



A WINNING HOUDAN  
Owned and bred by Thos. F. Rigg, Iowa Falls, Ia.

whose fame is sufficiently large to warrant him in grading it as an ideal table fowl.

Another point which tends to the popularity of any breed is the matter of hardiness, or the ability to resist diseases whether due either to contagion or the changing seasons. Any, who have studied these matters, must admit that some breeds are much more susceptible to diseases than others. In the same instance, it seems reasonable to ask, if it would not be a step in the right direction to breed only

Again we see a distinct advantage these colors also have in the absence of dark pin-feathers, of which point every good housewife knows the importance.

As to the matter of feed and range; this affects all alike, and the writer is of opinion that all breeds will do about equally better, where a suitable range is provided.

Now, if you take these few points, and with them as a guide look over the recognized breeds of poultry, you will see that they owe their place and



PERTH  
POULTRY  
ASSOCIATION

12.00

# Annual Show,

December 26th to 28th, 1900.

IN THE CITY OF STRATFORD. OPEN TO ALL.

First Class Judge,  
Attractive Prize List,  
for Single Birds.

PRIZE LIST ON APPLICATION TO  
SECRETARY.

Wm Hepburn,  
President.

Dr. Hamilton, L.D.S.,  
Treasurer.

W. Sanderson,  
Secretary.

popularity to the fact that they excel in either one or other of the points which go to make up the ideal utility fowl.

At some later date the writer, with the editor's permission, will give his views with reasons as to which is the best utility breed, and also his method of breeding and feeding for best results.

## OUR POULTRY AND BRITISH MARKETS.

WHAT THE OUTPUT OF CANADIAN CHICKENS IS LIKELY SOON TO BE—HOW BEST TO BE PREPARED TO MAKE MONEY BY BEING IN A POSITION TO SUPPLY NEXT YEAR'S DEMAND.

(FIRST OF SERIES.)

**C**UR system of cold storage, both as regards the cold storage firms themselves and the cold storage cars for transportation, are making rapid strides toward perfection, and it will not be long before we have in Canada a cold storage system equal to anything in the world. At present there is nothing so much talked of or written about in the Canadian press as the necessity for perfection of the means of placing our perishable goods on the foreign and English market. Canada is becoming a great country, this is recognized by all. That the greatest revenue of this country must come through its agricultural sources is a point undisputed. The live question before the farmers then is which departments of their farms will yield

them a quick and paying return? Undoubtedly, of all the comparatively undeveloped sources of agricultural wealth none will more surely fill the bill than poultry. The demand for the superior quality on the English market is unlimited. The home market is rapidly increasing. A help to this development is the cold storage system of the Department of Agriculture and the furnishing of reliable instructions as to poultry culture from the Experimental Farm system and the Commissioner of Agriculture. But the most direct aid is in the shape of such large firms as the Canadian Produce Co., Toronto, who buy the chickens from the farmers and do the fattening, packing, and shipping of the birds.

### PRIVATE ENTERPRISE TO THE RESCUE.

By means of private enterprise the expense of initiation and the risk of loss which inevitably attends the opening up of new enterprise will not come out of the pockets of the farmers. It may be that when the superior quality of our product is known and appreciated on the British market, and the prices established so that we will know what it is possible to get, that the time will be opportune for the individual farmer or association of farmers to fatten and ship for themselves. By that time our farmers should be well acquainted with methods of shipment to an already established market with guaranteed prices.

### DEVELOPMENT ALREADY RAPID.

This year the poultry trade with Great Britain has developed as it nev-

er has before. As early as the middle of last month one firm has sent to England a shipment of Canadian chickens which is five times larger than all shipments sent before from this country in any previous entire year. Next year there will be a demand for chickens unheard of before. **The farmers for the present year, and probably for the next, should not try any direct shipment, but find out and send his chickens to the most reliable firms in this country. It may not pay the farmers to do the fattening, but it will certainly pay them to raise chickens to sell to the large firms, who will do the fattening and shipping.**

My services are at all times at the use of the farmers. It is my duty and pleasure to give full information as to the best breeds for the farmers to handle, how to rear and fatten the chickens, where and who best to sell them to, together with all such practical information as years of experimental work is calculated to make of value to farmers.

It is hoped by a series of letters, of which this is the first, to interest the farmers in a poultry department of their farm which will give them, surely and quickly in the near future, a revenue equal to any other branch of farming industry. All information, as to breeds, care, feeding and fattening, etc., will be furnished free on application to my Department, Experimental Farm, Ottawa.

A. G. GILBERT,  
Manager Poultry Dept.  
Ottawa, October, 1900.

THE  
SEVENTEENTH  
ANNUAL

# Ontario Provincial Winter Fair

Including the Ontario Provincial  
Fat Stock and Dairy Show and  
The Ontario Poultry Show.

Will be held in the **CITY OF GUELPH, Ontario,**  
**December 11th to 14th, 1900.**

**OVER \$7,000** WILL BE GIVEN IN PRIZES. Prizes, Live Poultry, \$1,500.  
Prizes, Dressed Poultry, \$300.

Special prizes offered by prominent Live Stock Associations, and Manufacturers. Expert lecturers will deliver addresses in different departments during the show. Entries in cattle, sheep and swine departments close November 24th; in Poultry Department, December 3rd.

Reduced passenger and freight rates  
on all railroads.

For prize lists and particulars  
apply to

**JOHN I. HOBSON,**  
Guelph, Ontario.

12.00

**A. P. WESTERVELT,**  
Secretary, Parliament Buildings, Toronto, Ontario

## LARGE GROWTH OF CHICKS ON SOFT FEED ALONE.

WHAT is the matter with soft food for chicks? Mr. Gilbert seems surprised that they should do so well on it. I have raised chickens for three years on practically nothing but mash and unlimited range. The last two years I experimented a little on different kinds of food, but this year I have fed a mash, two-thirds shorts, and one-third corn meal, besides potatoes and other stuff from the house, and have had no bowel complaints, and the following weights will speak for themselves:

Brahma cockerels 4 m., 11 days old, 5 lbs.  
Wyandottes " 4 " 26 " 5½  
Bar'd Rock " 4 " 26 " 5½ to 6½  
Orpington " 4 " 26 " 4½  
Cross (Bram & W.) cockerels, 4 m., 2 days old, 5½ lbs.,  
Houdan, (Bram. & W.) 5 m., 22 days old, 4½ lbs.

The Orpington has disappointed me, not up to what is claimed for it, and the Houdan would have been heavier had he been shut up away from the pullets. What is the use of the fancy foods that many writers recommend, when plainer and cheaper stuff will give such results? I use milk to mix the mash when I can get it; when I

can't, water has to do. The farmer's wife is right, weight is the proper way to sell poultry, as well as potatoes.  
C. W. BEAVEN.

Prescott, Ont.

FROM A RED DEER, ALTA.,  
BREEDER.

M. R. D. S. LONG, of Red Deer, Alta., in sending us the names of two new subscribers from his district adds:

"I like the Review very much and profit by contents, and am myself preparing to keep a few varieties of pure bred fowls, both for pleasure and profit, more for pleasure though, for I think I am the most ardent admirer of the feathered beauties in this part of the Territories, but I am surprised at the number of fanciers I do meet. Mr. MacDonald, of Edmonton, for instance; but strange to me, he fancies those lazy Cochins and Brahmas. I like a smart fowl. I wish, if it wouldn't be too much trouble for you, to mention in your next issue, who keeps Scotch Greys. I understand, by something I saw, that there are some in Eastern Canada some place."

We regret we do not know of any Scots Greys in Canada, in fact, never

knew of them outside of the British Isles. They are of the barred Rock type, but smaller and very hardy. Our correspondent should recollect that it takes all kinds of people to make a world, and that the Cochin or Brahma may be, nay is, the acme of beauty to some.—Ed.

## London Poultry Yards.

W. McNEIL, Proprietor,  
778 Waterloo St. - - London.

BREEDER OF HIGH CLASS POULTRY,  
INCLUDING

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

## THORNCROFT

STOCK AND  
POULTRY FARM,  
Wm. C. Wilson & Sons,  
Props., East Oro, Ont.

Breeders of Shorthorn cattle, Yorkshire swine and pure bred Poultry, including Barred Rocks, Partridge Cochins, Dark Brahmas, Houdans, Golden & Silver Bearded Polands and Brown & White Leghorns. Winners wherever shown.

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

We regret to learn of the serious illness (typhoid fever) of Mr. Elias Snyder, of Burgessville. He is now, however, on the mend.

## THE FRIENDSHIP OF THE FANCY.

BY H. S. BABCOCK, PROVIDENCE, R. I.

In all ages writers regarded friendship as one of the chief possessions of man. None of Cicero's writings is more valued than that which treats upon friendship. Poets have sung about it, philosophers have analyzed it, novelists have romanced about it. At all times, in every place, by all men, friendship has been and is regarded as the softener of the asperities and as the multiplier of the delights of living. The verdict is unanimous, no discordant voice is raised, no adverse vote is given.

The true basis of friendship is a community of interests, a similarity of tastes. This was illustrated in a very happy manner by an incident in the Franco-Prussia war. Two student soldiers of Prussia were quartered upon a French host. It requires not a very vigorous imagination to understand that their welcome was far from warm. Sullen looks and few words greeted them. They were received, not because they were wished, but because their host feared to do otherwise. The night was stormy. Hail and sleet were descending. Outside, as in, all was cheerless. As one of the young men looked out of the window upon the storm, he repeated to himself the words of a line or two of that ode of Horace, descriptive of a similar scene.

The host, overhearing the words, added those which immediately follow, and, advancing with extended hand and smiling countenance, asked if his guest knew Horace. For a reply the young man repeated the rest of the ode. No longer sullen looks and sullen words greeted them, but the warmest and most cordial hospitality, and what had begun so unpropitiously ended in a most delightful evening spent in cheerful conversation and pleasant feasting.

Poultrymen, as well as scholars, possess a true basis of friendship. Their tastes and their interests are held in common. Though they may keep different breeds of fowls, the principles of breeding, the methods of care, and the promotion of one branch of agricultural life, are of common interest. The way for profitable and interesting conversation is already paved for them. There is no ice to break

# ST. JOHNS, P. Q., EXHIBITION,

(Only 26 miles from Montreal.)

## January 7th to 10th, 1901.

L. G. JARVIS, JUDGE.

Entries in single birds, and close January 2nd. Poultry Prize List ready December 1st. "Send your prize winners along."

A. N. DELAND, Pres.

1200

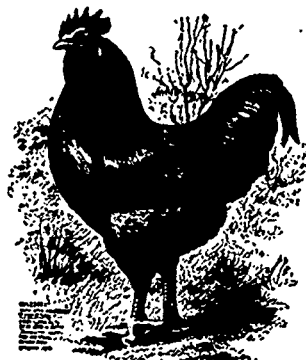
C. J. BROWN, Sec.-Treas.,  
ST. JOHNS, P.Q.

through, no fumbling after topics of common interest, but they can pass at once to those subjects in which they know each is interested. Society, as the world knows it, does not possess such common topics for conversation, and so has established a fund of small talk, mere dribblets of nothingness, to take their place. The society man and the society woman, for lack of such topics, are forced to speak about and listen to subjects which bore both hearer and speaker, and with which they must appear, perforce, to be delighted. Ordinary society, then, while it establishes a *modus vivendi*, does not naturally result in friendship. Friendships do arise in society, but they arise only after the conventionalities are swept away and topics of real interest take their place—after a sufficient acquaintance has been made to allow each to know what the other is really interested in. Poultrymen have, therefore, the decided advantage in knowing from the outset the topics of real vital interest to each other, and where other elements like true manliness and unselfishness are not wanting, friendship finds a natural soil upon which to spring and flourish.

While men do not become poultrymen for the sake of the friendships which thereby arise, this is of no slight advantage to the poultrymen. I know from personal experience that many beautiful friendships have come into my life as an incident to my interest in poultry breeding. And I regard their friendships as some of the most valuable successes of my life. I have been so often personally benefited and have received such hearty sympathy in times of trial and loss and such cordial congratulations in times of success, that I would be a base ingrate if I did not recognize the

value of such friendships. In this way, if in no other, poultry breeding has paid me handsomely. And I am no exception to this beautiful experience. I know of many others, who have made life-long friends through their interest in poultry. While all poultrymen do not necessarily become permanent friends, I have yet to find a real fancier who was unfriendly. And it is something, is it not, to know that wherever you go there are friendly hands to grasp yours and friendly voices to utter words of good cheer? The friendship of the fancy is truly a beautiful thing.

## BUFF ROCKS EXCLUSIVELY ESSEX AND FORSYTH STRAINS



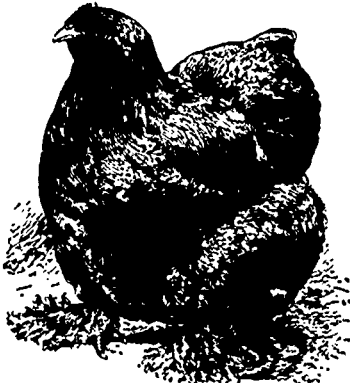
"EMERSON"—From Life.

30  
BUFF PLYMOUTH  
ROCK HENS  
(THIS YEAR'S BREEDERS.)

FOR SALE  
50 CENTS EACH.

No cocks to offer: have sold all we can spare.  
Grand lot of young birds for sale.

HERBERT H. BRADFIELD,  
Norrisburg, - - - - Ontario



FIRST AND SPECIAL PULLET,  
at Toronto, Jan., 1899.  
Bred and owned by C. A. Stewart.

## BUFF COCHINS

Won Again.

Toronto, London, Ottawa.

Won 11 out of a possible 13 first prizes, 9 out of 12 seconds, also medal for the best collection of Cochins, any color. All these winners and 100 grand early chicks for sale cheap. Write at once for prices.

**C. A. STEWART,**

London - 1700 - Ont.

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. 201  
Address all communications to

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

## 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.

## One Thousand New Standards Free.

The new Standard of Perfection issued by the American Poultry Association IS NOW READY, and contains all changes made at Toronto. We propose with the help of our friends to give away 1,000 copies. How can it be done? Easily.

To any one sending us five new subscribers with \$2.50 we will send free by mail a copy of the new Standard, the regular price of which is one dollar, and they cannot be bought for less. You cannot earn a dollar more easily or pleasantly. All can avail themselves of this offer without further authority. We have said plainly what we are prepared to do. Samples of Review to show your friends will be sent free on application. Cash MUST accompany all orders, and we cannot accept renewals at this special rate. Address—

Canadian Poultry Review, Toronto.

AN EASTERN TOWNSHIPS' ASSOCIATION FORMED.

A MEETING was held in Sherbrooke, Que., on November 14th, for the purpose of forming an association for the Eastern Townships. Such an association was formed, and named the Eastern Townships' Dog, Poultry and Pet Stock Association. Officers were appointed as follows: One patron, five vice-patrons, one president, one vice-president, ten directors and secretary-treasurer. I cannot give names at present as many of those who were chosen were not present and I wish to receive their acceptance before publishing same. Another meeting will be held in Sherbrooke on the 28th inst., for passing by-laws, regulations, etc., and discussing the question of holding a winter show.

E. W. BREWSTER,

Secretary pro tem.

Compton, Que.

BREEDING ANDALUSIANS TO COLOR.

BY J. YATES, LAMBTON MILLS.

I HAVE received a number of letters, this fall, asking me if the thoroughbred blue Andalusians will throw off colors. In answer to this, I am sorry to say, yes. I have been breeding Andalusians for the past eight years, and I never saw a blue that would not throw a certain number of off colored chicks, and I have yet to find the breeder that did. They will throw a black and a white. Some say that they got eggs from certain breeders, and that their birds have red feathers in them. To this I must say, that their birds are not thoroughbred; there is a cross in them, probably with the brown Leghorns, as I have seen some of these birds with the red in them, and they are of the Leghorn type, while the thoroughbred Andalusians are of the Spanish type. Their not breeding entirely true to color is their only bad fault, as they are very hardy, and in laying qualities they are second to none.

## 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.

## POULTRY AILMENTS.

### A DISEASED LIVER.

**P**LEASE find enclosed fifty cents, and send the Review for one year.

Would it be possible to refer to this in the pages of your magazine? A fine white Leghorn pullet died a short time ago in strong convulsions, and at the time of death the body was as rigid as if it were carved in wood. On opening the bird, the liver was found to be enlarged enormously—was quite four times the proper size, of a pale color, and very tender. Is such a disease common? and what is the probable cause?

I would like the Review to begin with the November number; received the October number as a sample copy, and was much pleased with it.

MRS. WM. NEWSON.

Blenheim, Ont.

Enlargement of the liver is not at all an uncommon complaint, and in this case, as in others, was possibly due to improper feeding, or the feeding of too large a quantity of condensed food. A liberal allowance of green food is a necessity in cases of diseased liver.—Ed.

### A VANCOUVER BREEDER IN TROUBLE WITH HIS TURKEYS.

**M**R. GILBERT, of the Experimental Farm, is out here giving lectures on hens and hen fruit, and also booming the barred Rocks and white Wyandottes.

Everything looking lovely for our show, first week in January. Mr. Hitchcock again this year as Judge. This is our seventh annual show.

There are quite a lot of subscribers

to your paper out here; do you think you could afford a prize, it would be a good ad. for you. [We are giving a medal for best shaped Plymouth Rock.—Ed.]

Regarding eggs, I have been going to write to you for some time. Last spring a friend and myself got a number of sittings and the expressage on them amounted to almost the value of the eggs. The idea of the shippers seemed to be to pack them in as heavy a box as they could find (instead of a basket); the consequence was the express messengers just threw them around any old way, besides having to pay double.

Can you give me any information about a peculiar disease in my ducks (Pekin)? They trail their wings on the ground and gradually waste away, lose their voice and cannot eat. No remedy is given in a book I have on them. Hoping you can give me some remedy in an early issue of the Review.

C. J. HARLING.

Vancouver, B.C.

Ducks of any breed will have just such symptoms through the lack of sharp grit given in water—note in water. Is this the trouble?—Ed.

### ROUP, THE DREAD DISEASE.

WHAT IT LOOKS LIKE—WHAT IT IS. A SERIES OF EXPERIMENTS CARRIED ON BY MR. H. W. MARSHALL, FOR THE RHODE ISLAND EXPERIMENTAL STATION.

**U**NFORTUNATELY the "roup season" now commences; the cold and wet combined being active factors in the spread of this disease. Where an outbreak is apparent it should be taken in its infancy, when

one of the several specific advertised in Review, combined with the usual precautions as to isolation, dry quarters, etc., will generally prove efficacious. We are indebted to Prof. Arthur A. Brigham, Director and Agriculturist of the Rhode Island Experimental station for many a token of his good will, not the least valuable of which is advance sheets of his report containing elaborate "Notes on Roup," by Mr. H. W. Marshall, and from which notes we are enabled to make the following copious extracts:

#### NOTES ON ROUP.

H. W. MARSHALL.

The purpose of the following experiments was primarily to work out the life history of the organism producing the disease of roup, and, after having established its identity, to then show precisely how it was transmitted from fowl to fowl; how it might be successfully combated; what antiseptics and disinfectants should be used, besides answering other questions of practical interest to poultrymen. The results thus far have not been at all satisfactory, owing to the impossibility of making the organisms grow upon artificial media; and no pure cultures have been available for experiments. Possibly enough has been done, however, to warrant the issuing of a report as a help to others working upon the same problem.

In the present article "roup" is understood to mean the contagious disease or diseases affecting the eyes, nostrils, and throats of infected birds, sometimes producing swelling of the eyes, at other times causing the appearance of a membrane upon the throat. By further study very possibly a distinction can be drawn be-

## 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, Roup 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.

SEAFORTH, ONT., Oct., 6th., 1886.

**Sold in Packets for 25 cents and one dollar. Address James H. Cayford, 250 St. James St., Montreal.**

tween diphtheria, which is said to be characterized by the presence of a membrane upon the throat, and roup, meaning in a restricted sense, the disease which attacks only the mucous surfaces of the nostrils and eyes, frequently causing the destruction of the latter by accumulation and pushing forward of a yellow, cheesy secretion behind the eyeballs. The two varieties of the disease have been examined, but the very limited number of cases observed makes any statement about their identity of little value.

#### I. EXPERIMENTS TO ISOLATE ROUP BACTERIA FROM DISEASED FOWLS.

Pure cultures of bacteria have already been isolated from hens suffering with roup, and some of these have proved pathogenic towards guinea-pigs; but no one, so far as I can learn, has yet been able to reproduce the disease in healthy hens with such cultures.

This failure suggests that the culture media have not yet been of the right sort; that the bacteria do not develop at all or, if they do, are too feeble to grow on healthy tissues; so, acting upon this idea, special media have been prepared from flesh of fowls

instead of the beef ordinarily employed, and blood serum made entirely from hens' blood. Later, when the notion that the disease might be due to the growth of an amoeboid organism was advanced, a medium used by Celli and Fiocca for the artificial propagation of amoebae was tried.

#### EXPERIMENT I.

Twelve healthy brown Leghorn hens were treated daily with bouillon cultures of bacteria isolated from two roup hens. Six species of bacteria, separated in pure culture from the two diseased birds, were fed each day with the drinking water to the six pairs of healthy fowls that were kept carefully confined in order that the same kind of bacteria might always be administered to the same birds.

It was hoped that one of the six varieties of bacteria might prove to be the roup-producing species, and by causing the re-appearance of the disease positively confirm its disease-producing powers. After six weeks of this treatment all of the hens remained healthy and vigorous, and the experiment was terminated as unsuccessful.

The roup birds were a white Leg-

horn hen with inflamed and slightly swollen eyes and affected nostrils, and the other bird, a buff Brahma hen, had one eye completely closed and badly swollen. Neither bird possessed any membrane upon the throat as in diphtheria. Both subsequently died without recovering from the effects of the disease. For the isolation of the bacteria in pure cultures "rooster-agar" was used, and for infecting the drinking-water a bouillon prepared from similar ingredients by extracting five hundred grams of rooster meat with one thousand cubic centimeters of water, and adding to, the watery extract ten grams of Witte's peptone and 2.5 grams of NaCl per liter, finally bringing the reaction to the point when five cubic centimeters of the medium required 1.50 cubic centimetres of  $\frac{N}{20}$  Na OH to neutralize it. Various reactions were tried but 1.0--1.5 appeared to be the best.

#### EXPERIMENT II.

A brown Leghorn hen said to be suffering from roup was used to make a number of agar plate cultures, but the doubtful nature of the disease and the results of the bacteriological plates did not warrant any new experiment being commenced.

The work was repeated to insure having uniform and undoubtedly infectious material.

#### EXPERIMENT III.

Six late hatched pullets and four healthy, vigorous hens were kept confined with a case of roup as typical as it was possible to obtain. The eyes of the healthy fowls were rubbed daily with the exudate from the sick bird, and all were permitted to mingle together and to drink from the same receptacle. It was expected in this way that plenty of material might be secured which would be uniformly the same and surely contagious. The sick hen came from a flock that already had lost thirty-five or more of its members from the disease, and in her case one of her eyes had been entirely destroyed, and the orbital cavity filled with the yellow secretion. No diphtheritic membrane was present. She was considerably emaciated but recovering slowly, and afterwards became entirely well.

(To be Continued.)

## 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.



## 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. SOLD BY ALL DRUGGISTS. TRY IT. 25 CENTS PER BOTTLE.

MANUFACTURED BY

THE PICKHARDT RENFREW CO., Limited  
STOUFFVILLE, ONT.

Write for FREE SAMPLE.

# POULTRY FROM A PRACTICAL STANDPOINT

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

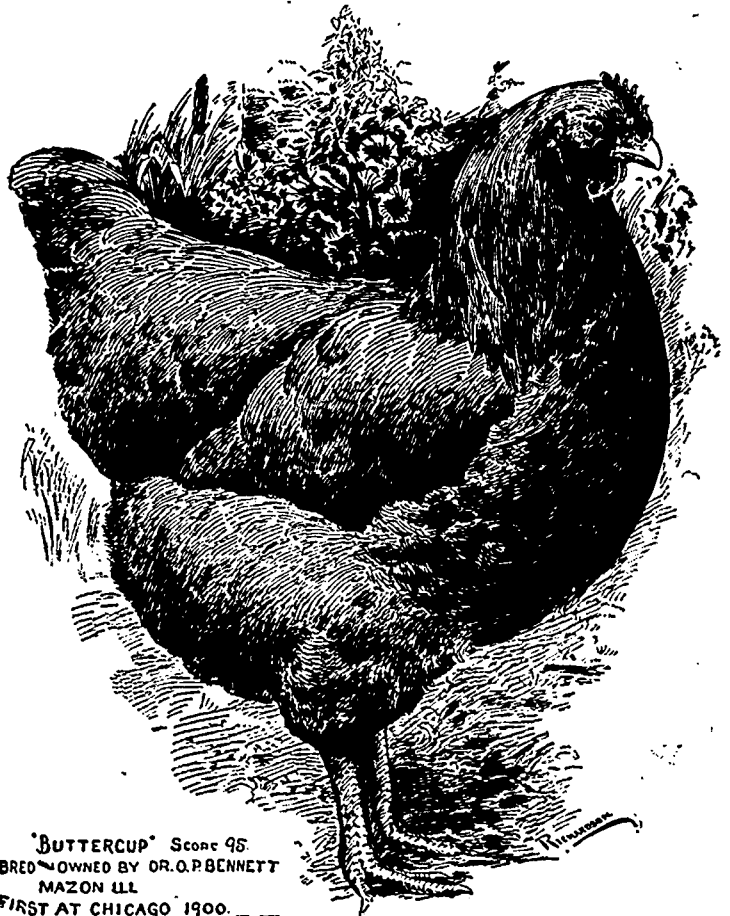
**NOTE:**—Mr. Gilbert is nothing if not practical and experimental. He will from his rich store of information on the subject of "Practical Poultry" give Review readers each month the result of his experience for the past thirty years. He will be glad to answer questions or afford information on any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

CALGARY, the pretty free-stone city of the North-West Territories, is in a district naturally adapted for turkey and chicken raising. The climate is dry and equable and food cheap and abundant and the market good. It is an ideal district for turkey raising and chicken fattening on an extensive scale. An expert in either branch of the business, with the necessary capital, would make money here. Oats of the finest quality sell at twenty cents per bushel. Other grains can be grown as successfully. It is the centre of a great beef raising district. So we have the great fattening agents, ground oats, with the freshest of suet or tallow, in abundance and of the best quality. With the aid of incubators and a brooding house or houses, chickens could be raised in great numbers; raised and fattened cheaply and readily sold at paying prices. A friend of mine told me that he had fattened a number of birds, which to his astonishment, could only be had in limited numbers and scrubs at that. They cost him seven cents per pound to fatten and sold at fifteen cents per pound. And with the proper breeds the cost of production could doubtless be lessened.

One does not know what a banner Province Ontario is and what opportunities its farmers have, until he goes into other Provinces. What I mean is that Ontario has the mild, medium and comparatively cold weather districts. And above all she has the energetic and pushing farmer. Ontario at present is a veritable garden in some portions. Its future is surely to produce the superior quality in dairying, poultry, sheep and hog raising. Its fruits are full and finely flavoured, pasture and food products abundant and water good and plenty.

In no other Province is poultry raising making more rapid development, and that is a tribute to the intelligence of the farmers, for poultry raising is an advanced science, and it

Poultry keeping in British Columbia ought to pay. In Vancouver, when I was last in it, October 29th, purchasers were paying fifty cents per dozen for new laid eggs; one dollar to one dollar and a half per pair, for chickens, and twenty-five cents per pound for turkeys. And grass is comparatively green all winter. The climate genial, but damp. And in face of these favorable conditions eggs are imported, and the finer quality of poultry hard to get. The farmers, or ranchers, as they are called, do not give their attention to poultry raising or egg production. Successful poultry keeping is conducted by persons who are not regular farmers. In one or two cases, poultry



"BUTTERCUP" Score 95  
BRED & OWNED BY DR. O. P. BENNETT  
MAZON ILL  
FIRST AT CHICAGO 1900.

BUFF PLYMOUTH ROCK

Owled by Dr. O. P. Bennet, Mazou, Grundy County, Illinois.

takes brains, perseverance and energy to successfully prosecute it. And the sooner the farmer realizes this the better. All this is said without prejudice to other Provinces.

breeding is conducted by fanciers, notably, the Oak Bay poultry establishment, near Victoria. I had the pleasure of a call from the proprietor when in Victoria. What is wanted is



# TORONTO POULTRY AND GARDEN PRODUCE CO., LIMITED,

Glenavy Farm, Davisville, Ontario.

## WHITE WYANDOTTES


The General Purpose Fowl. Large  
Brown Eggs.  
\$1.50 per Setting: \$6 per Hundred.

## S. C. WHITE LEGHORNS

The Greatest Egg Producers. Large  
White Eggs.  
\$1.50 per Setting: \$6 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

Telephone 4030  **J. M. WILSON, Manager,**  
Toronto Poultry and Garden Produce Co.,  
Davisville, = = = = = Ontario

energy on the part of the rancher, a uniform type of fowl, of uniform excellence as winter layers, and rapid flesh formers; the sheltering of the birds from the chilling winter rains and wind. With climatic conditions so favorable, the rest should be easy.

❦

Speaking of the effect of wet winter weather of British Columbia on the laying stock, the following was told me by a young man at Port Hammond, not very far from Vancouver. He said that a friend of his had about a couple of hundred fowls, but he could not get a satisfactory egg yield from them. The young man proposed at the beginning of the winter rains of last year, to his friend, that if he would give him the money he intended to spend on his fowls during the winter months, and "carte blanche" to do with it in the management of the stock as he pleased, he would try and see what he could do with them. The bargain was made, and the money handed over. "I at once," said the young man, to me, "erected a roomy scratching shed, in one end of which were comfortable roosting rooms for the laying stock. In wet weather they

could scratch in the litter in the shed, and keep dry. The result in a large egg production was surprising to my friend, and most gratifying to me." The little story carries its own moral.

❦

Mr. A. L. Hayward, of Metchosin, sixteen miles from Victoria, B.C., is chairman of the Agricultural Committee of the Provincial Parliament. Mr Hayward is also a poultry fancier, and has a number of white Leghorns and silver laced Wyandotte pullets. He keeps his birds on the colony plan, but intends to yard his breeding stock. It is his intention to go into poultry raising on an extensive scale, and with that object in view has secured the services of Mr. Joiner, who has had some experience in handling birds. Mr. Hayward has an ideal place for successful poultry raising, and is a man of most agreeable personality. But away and above all, Mr. Hayward has a charming wife, who takes great interest in, and has a great liking for, poultry, and she thoroughly understands how to care for and feed the young chicks. Unfortunately, Mrs. Hayward has been very ill, and her husband, by the advice of the family

physician, has taken his wife and young daughter to England, for change of air and scene. Let us hope that the result will be most beneficial to the invalid, and in all sincerity, I wish Mr. Hayward unlimited success in his poultry enterprise. Mr. Hayward has promised to pay Ottawa a visit on his return trip, and I trust he will not forget to do so.

❦

I write in my notes for December on matters more immediately relating to *British Columbia*, because I have been in this Province since the 13th ult. During that period, I have not been idle having talked on poultry subjects in fifteen or sixteen different points, on the mainland, and on the Island of Vancouver. It can truthfully be said, that the greatest interest was taken by those who attended the meetings, in the subject discussed. Poultry raising is bound to be an important branch of farming in this country. At present it is undeveloped, as is also dairying.

❦

It is astonishing the number of Ontario, Maritime Provinces and Prince Edward Island people I have met.

= MONTREAL POULTRY ASSOCIATION =

SHARPBUTTERFIELD and C. E. ROCKENSTYRE Poultry Judges. L. G. JARVIS Pigeon Judge.

Annual Show will be held in Montreal, January 16th to 21st, 1901. H. DUNN, Superintendent. PRIZE LISTS MAILED PROMPTLY.

Liberal prizes and large list of specials. Large show room, well heated and lighted. S. R. CLENDENNING, President. J. P. Cullen, Sec.-Treas., 214 St. James St., Montreal. 1.01

last Spring, and has never been broody. We have two other daughters of the old hen, one three, the other two years old; the three year old has been broody once for five days, the other has never been broody. The old hen is a typical Rock in every way, and was hatched from a setting of eggs bought from T. A. Duff, by Chas. Gainor, who lives just outside Welland, on Quaker Road. I enclose a few feathers from this grand old hen that you may see her color. We expect ere long to have a non-setting flock of B. P. R.

Resp. yours,  
S. M. CLEMO & Co.

Welland, Ont.

A NEW INSECTICIDE—WEIGHT OF CHICKS—PRESERVING EGGS.

BY H. J. WOOD, HULL, QUE.

A FEW issues ago I promised to give particulars of a new lice-killer that we were using and had found to be the most easily applied and the most effective we had ever tried. It is simply that now well-known substance, Formalin, used in the proportion of about one part Formalin to nine parts water, sponged lightly, under the vent and wings of the bird to be treated. A little may also be used with advantage upon the neck and head, if great care is taken that none of the solution reaches the eye of the subject as its doing so would cause great pain and some inflammation: it is now very easily come by; a little may be bought cheaply from any druggist, and if desired in larger quantities may, I believe, be bought wholesale at 65 cents per pint, F.O.B., Montreal.

From my experience I judge its use even at the low strength of 10% to be fatal to every form of insect life. I gave some to a friend who had a pig-gery terribly infested with vermin.

One application of a solution of a small teacupful of Formalin to about twelve pints water thoroughly cleaned the place; beyond this I believe it is weight for weight the strongest anti-septic known. A weak solution, say about 2½% used to wet the bandage around a cut, or to cleanse a foul wound, will do marvelous healing if the person using it does not mind a little momentary pain.

I noticed a few months ago some weights of W. Wyandotte cockerels, given by my esteemed friend, Mr. Gilbert, and later by another breeder. I think we can claim to have beaten them at White Rose Poultry Farm; we have white Wyandotte cockerels, hatched May 1st, which weighed on Nov. 7th, six months and one week old, one of them 8 lbs., 4 oz., and downwards to 7 lbs., 8 oz., none of them over fat, but all in thorough good trim. The Wyandotte is in my judgment, the bird for money-making, that is if money can be made from quick growth of chicks and a good supply of winter eggs.

A little while since I read with interest the different experiments made by keeping eggs in various preservatives from summer to winter, and I was struck with the fact that none of the experimenters in those accounts appeared to emphasize the important condition that if the eggs are infertile, or in other words laid by hens or pullets to which no male birds have access, then the operation of preserving is reduced to the simple trick of preventing either the evaporation of the contents of the egg into the air, or the passage of the outer air into the contents of the egg and it is an easy thing to do; it is then extremely unlikely that any change would take place in the egg within any reasonable time, say a year for instance even though no chemical preservative might be used.

I think that is all I have to say this

time, only, whatever else you forget, don't forget mine or some other lice-killer. If you don't do up the lice they will do up you, and the use of Formalin solution, either as to ease or efficiency is a long, long way ahead of any powder or other lice-killer ever tried at this establishment.

WE are in receipt of a letter from Mr. P. H. Ross of Waterloo, Ont., a breeder of buff Leghorns who informs us the people of that section are moving very rapidly in the direction of breeding thoro-bred stock. While such is yet in its infancy, the fanciers are about to organize an association with a view of holding an annual show to still more interest the public.

Waterloo is an up-to-date town, and anything the people there undertake is usually pushed to a success.

Just as we close this supplement we learn through the secretary that Mr. J. Y. Bicknell will judge all birds at Owen Sound and that the score card will be used.

THE WHITEST P. ROCKS IN CANADA

At the London Fair, in Sept., I won 1st cock, 1st hen, 1st and 3rd pullet, 2nd and 3rd chl. Breeders pronounced them the WHITEST Rocks they ever saw. My BARRED P. ROCKS are of very high quality. I have won many 1sts in strong competition and my EXHIBITION bred cockerels of this year are just grand in color, size and shape. A few prize-winning WHITE WYANDOTTES yet to sell. Stock for sale; eggs in season.

Spruce Dale Poultry Yards,

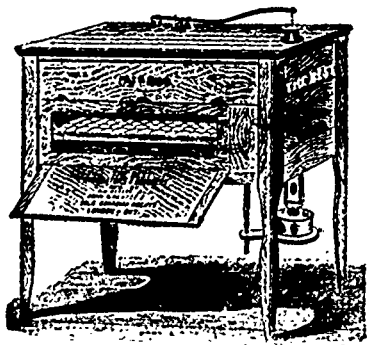
A. HELL, Wyoming, Ont., 3.01

¾ 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.

# THE CANADIAN POULTRY SUPPLY HOUSE

Largest Supply House in Canada. We can supply anything from a Leg Band to an Incubator.



## THE "BEST" INCUBATORS AND BROODERS.

Simple in construction. Self-regulating. Nothing but the best material used. Burns less oil than any other machine on the market. Sure to hatch, if eggs are right. We can't begin to tell you here all the good points in these machines. SEND FOR OUR POULTRY SUPPLY CATALOGUE. Prices on application.

### Pearce's Tonic Poultry Food

—The best egg producer on the market; will keep your fowls in perfect health and vigor; more eggs, more chicks, more profits. It will save you feed as by its help all the nutriment is taken from the feed by the birds, and nothing is wasted. It will cure Gapes, Worms, Cholera, Roup, etc., thereby lessening your chance of loss and increasing your average of profits. Do not delay (delays are dangerous), but send for it at once, and note the increase in the number of larger eggs, and you will be satisfied. Box, 35c. postpaid.



### Pearce's Electric Louse Killer

—"Quicker than lightning," "not a louse left alive," and other similar expressions of delight and approval are heard wherever "Electric" is employed: the best insecticide, germicide, disinfectant, and deodorizer known; easily used by means of the improved sprinker top boxes used to contain it. Harmless to animals, death to insects and germs. Box 30c. postpaid.

### Mica Crystal Grit

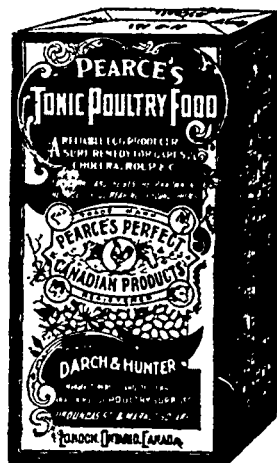
—The Monarch of the poultry yard.—Rock combination of silica, aluminum, iron, magnesium. For Poultry, Pigeons and Birds. The only Grit containing the elements essential to the good health and egg-producing qualities of the feathery tribe. 100 LBS., 90c.

### Crushed Oyster Shells

—"Peerless" Brand. When you buy 100 lbs. "Peerless" Brand Crushed Oyster Shells, you get 100 lbs. of shell, not 15 or 20 lbs. dust and dirt mixed in. 100 lbs. 75c.

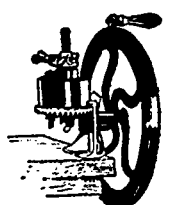
### Pearce's Granulated Bone

Poultry raisers should not neglect to use sufficient raw bone. It should be constantly kept in a special place in the pen or apartment of laying hens, as they will consume large quantities of it, and it goes chiefly to egg production. Crushed is the best form in which to place it before adult fowls, and in this shape it keeps fresh longer than when ground into meal. 50 lbs., \$1.50; 100 lbs., \$2.50.



**Philadelphia Caponizing Sets**—Poultrymen can double their profits by caponizing their chicks. The operation is very simple, the instructions so full and explicit that any man, woman or child, after a careful reading, will be able to perform the operation. It is highly successful from every point of view. The demand for capons far exceeds the supply, the price per pound being twice as much as for ordinary chicks. The object in caponizing is to largely increase the weight of the fowl, causing them in many cases to grow as large as turkeys and weighing from 10 to 15 lbs.; to make the meat a finer and sweeter flavor, and very juicy and tender. They are much quieter in disposition.—A cock, in chasing around the yard, will run off flesh almost as fast as put on. In the more quiet capon the same amount of food goes to make flesh, bone and profit. Complete with instructions, \$2.50; in velvet lined case, \$2.75. "Complete Guide for Caponizing" with every set.

**Green Bone Cutters**—Many improvements have been added this year. They now feed automatically, both hands are free to operate, and they cannot clog or run hard. To insure best results get the balance wheel. It is worth far more than the difference in price. These machines are very popular. They require so little strength that an eight-year-old boy or a woman can run them. The iron stand is a great convenience, as it requires neither time nor expense to set it up. The feed motion to a bone cutter is a very important feature. By its peculiar construction, our automatic feed governs the product, and enables the operator to cut fast or slow, fine or coarse. It also regulates the power required, so that while a child can operate it, yet a man's strength



THE NEW WAY

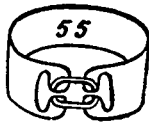
**Tested Standard Incubator Thermometer**—Mounted on metal graduated base, and distinctly marked high and low. Price, 75c., postpaid.

### "Champion" Leg Bands.

These, after once adjusted to the fowl's legs, will not come off. They will not canker and sore like brass. They make the legs on these bands. Figures are three-eighths of an inch wide, making large, bold figures, so that they can be read easily. Doz., 20c.; 25, 35c.; 50, 60c.; 100, \$1.10, postpaid. State breed when ordering.

### The "Peerless" Leg Band.

This band is light and neat. It is made of Aluminum. They stay on, and stay bright. To put band on, place it around fowl's leg, place the link over the projecting pieces, and turn it turn down flat the projecting stay. MADE ALL SIZES. Prices, postpaid—12 75c.; 100, \$1.25. State breed when ordering.



is not wasted, but gives an increased product proportioned to the extra outlay. Every ounce of energy is utilized directly in cutting the bone, so that the greater the power exerted, the more abundant the product will be. When cutting soft bones it feeds rapidly, while on hard bones it feeds slower.

**EXCELSIOR or IMPROVED No. 1**—The machine is the bone cutter for the millions. With only a dozen hens, the increase in eggs will repay for one in three months. Capacity 20 to 25 lbs. per hour; weight with balance wheel, 60 lbs. Price, with balance wheel, \$7; with crank, \$5; stand, \$2.50 extra.

**No. 2, or LITTLE GIANT**—The machine is the same in design as our No. 1 or Excelsior. It has a larger cylinder with four cutting knives instead of three. It has a larger and heavier balance wheel, which makes it cut faster and easier. It is intended for 150 to 200 fowls. Capacity, 40 to 50 lbs per hour; weight, with balance wheel, 100 lbs. Price, \$10; stand, \$2.50 extra.

**WE RECOMMEND** the balance wheel by all means. Its momentum assists in cutting, and makes it run easier and better. The crank is all right, and far superior to any other machine on the market for its price, but the balance wheel is the best, and well worth the difference in price.

### PHILADELPHIA POULTRY MARKER



Do you keep a record of your chicks? The different breeds, hatches, etc., should be kept. There is no better or quicker way than by this marker, as over 200 different marks can be made by punching web between toes, and by your private marks you can secure yourself from the chicken thief. They are well made, with strong spring and cutter, nicely nickle-plated. Made in two sizes. Sent postpaid on receipt of price, 25c each. Mention large or small.



**"ECLIPSE" DRINKING FOUNTAIN.** This is the regulation fountain in use at the Dominion and Ontario Agricultural Colleges for the past three years. It is made of heavy galvanized iron, which will never rust. Can be filled without taking off the nails. Prof. L. G. Jarvis, of the Ontario Experimental Farm, says: "I consider it the best poultry drinking fountain ever invented." Price, each 60c., dozen \$6, by freight or express at purchaser's expense; three at one dozen rate.

Send for our 72-page Poultry Supply Catalogue, FREE IF YOU ARE INTERESTED.

## DARCH & HUNTER,

LONDON, - - - - - ONTARIO.

Do you work a farm, cultivate a flower garden or vegetable garden? If you do, you should have our illustrated and descriptive SEED CATALOGUE for 1901. Ready for mailing January 1st. Send for it.

# TORONTO POULTRY ASSOCIATION'S

## Judges of Poultry

Thomas Rice,  
A. C. Myth,  
Thomas A. Duff,  
J. E. Bennett,  
J. Dorst and  
W. H. Goulding.

## ANNUAL SHOW

January 15th, 16th, 17th and 18th, 1901

## Novice Classes.

Judging  
by  
SCORE CARD

SHOW WILL BE HELD IN THE

# Pavilion, Horticultural Gardens,

One of the best buildings on the Continent for a Poultry Show.

Don't fail to send for Prize List to **ROBERT DURSTON**, Secretary, 42 Austin Ave., Toronto. 1.01

## TORONTO ASSOCIATION MEETING.

THE regular monthly meeting of the Toronto Poultry, Pigeon and Pet Stock Association was held in Temperance Hall, Nov. 8th, with the Vice-President, Mr. Wolfe, in the chair. The business of the evening was nomination of officers for 1901. The following gentlemen were nominated as officers for 1901:—Hon. President, John Chambers; President, W. J. Wolfe; 1st Vice-President, W. W. Hodgson; 2nd Vice-President, F. Spry; Treasurer, John Bedford; Secretary, Robert Durston; Delegates to the Industrial Exhibition, Messrs. Grimsley, Bennett and Goulding.

The Show Committee have secured the Pavilion in the Horticultural Gardens for the winter show. This is one of the finest buildings on the continent for the purpose. As usual, the Toronto boys will hang up a long list of specials, which will, doubtless, bring out a big entry.

Our dates clash with those of another show, but this was unavoidable, as we had to take the Pavilion when it was vacant, and the dates selected were the only ones that would suit both the Association and the City Council.

E. J. DEWEY, Secretary.

## DR. MCGILLIVRAY DISPOSES OF THE CANADIAN PHEASANTRY.

OWING to my heavy and still growing practice of medicine I have been obliged to sell out the

Canadian Pheasantry to Mrs. McArthur, of Washburn, Ont., who will in future manage the business more for her own pleasure than profit. She is a widowed lady who has lately sold out her property intending to retire to a quiet home for the remainder of her life, and in order to afford her amusement has purchased the Canadian Pheasantry. She has an orchard at Washburn of four or five acres which will be fenced with a tight woven wire fence eight feet high, and in this the pheasants will be kept with their wings clipped. This orchard is peculiarly situated, being an elevation almost perpendicularly 300 feet above high water mark of the canal which passes it, and therefore well suited for the raising of pheasants, being much like their native haunts in China where they are found on the tops of the highest mountains and in the coldest regions. Mrs. McArthur will sell, of course, the surplus pheasants making her pleasure also profitable.

The parting with my pets is to me indeed a great wrench, for I have spent many happy moments studying their peculiarities and their habits, their little spats, their love and their hate which so nearly simulates the actions of the race of animals to which you and I belong.

Now, Mr. Donovan, covering a period of over thirty years I have passed through all the stages of a fancier, pigeons, guinea pigs, white mice and rats, chickens of all descriptions, ducks of various kinds including many specimens of the wild ones, turkeys and two

or three different kinds of wild geese, hawks, badgers, foxes, and other animals too numerous to mention, but of all these there are none so profitable, none so interesting, none so clean and none so attractive as pheasants. Although I have been forced to part with my favorite hobby I do not look forward to old age without a gleam of sunlight, for I hope when I retire, if I ever do retire, to again gather around me the loveliest, rarest and grandest birds that adorn the earth—pheasants.

Yours truly,

T. S. MCGILLIVRAY.

Hamilton, Ont., Nov. 21st, 1900.

## NON-SETTING BARRED ROCKS.

NOTICE several breeders lately speaking of early laying. I would like to tell you of some early laying we have. A pullet, B. P. R., hatched May 2nd, this year, laid her first egg Sept. 17, just four and one-half months old. Her mother is now four years old

## 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.

Coolid, Shapley & Muir Company,  
Limited

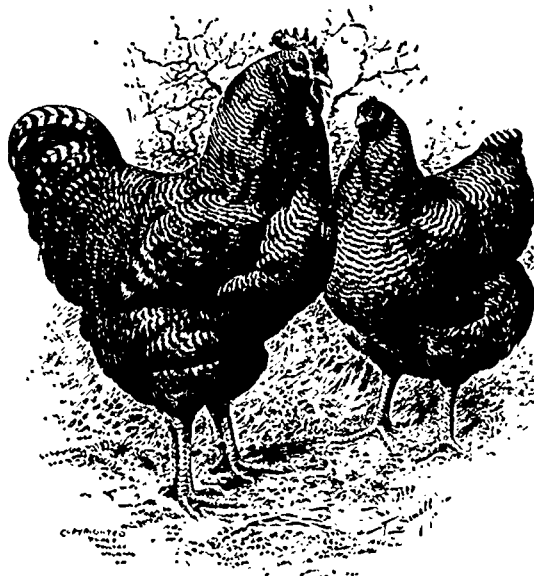
Brantford, - - - Ont

Some are merchants, some mechanics, but the majority farmers. In many cases they have done well. Others seem to have forgotten the vim and push characteristic of the farmers of the districts they have left. With the cheap labor at their disposal, the farmers in many parts of British Columbia ought to farm to a profit. Intensive farming, if you like; but in many cases that is left to Japs and Chinese.

#### A WORD FROM THE COMPOSITOR.

DEAR ADVERTISER,—You and I have an object in view—to draw trade for your business. If we work together much may be accomplished, if we do not there is less value in your advertising than there should be. Now how are we going to work together? Let us consider first what our respective duties are. Yours are to think carefully and write a good advertisement. My duty is to set that advertisement in the most attractive manner, emphasizing the various points, according to their importance. Some advertisers make it impossible that I should do my work well. The reason is this—they are so anxious to advertise their goods that they think every other word should be emphasized. This is not wise, to say the least of it. The public have not time nor have they the inclination to read small crowded ads., with words in black letter all through the body matter. A courteous, dignified statement of the advertiser's ability to supply certain classes of poultry at given prices—that is all that is needed. Advertisements should not contain more than from thirty to fifty words to an inch of space.

A crowded advertisement has two defects. In the first place it is not likely to be read, and so it will fail entirely in its purpose. In the second place, it gives to those who do read it a bad impression. Good businesses, that are thriving and progressive, advertise well. That is an axiom in the commercial world. It is useless to state that you have the "finest poultry business on the continent," when your ad. carries poverty on its very face. This is not a bid for you to take larger space in the advertis-



## 20 FINE Barred Rock Cockerels FOR SALE

.75c. TO \$1.00 EACH..

3 ENGLISH BLACK MINORCA  
COCKERELS  
AT \$3.00 EACH.

No pay on any of these birds till you see them. If they don't suit, you can return them by paying all express charges.

**N. H. SMITH,**

Box A, Tilbury,

12.00

Ontario

ing columns. That is none of my business; you know your finances best. But what is wanted is that you should give the compositor an opportunity to so display your ad. so that it will be read and convey a good impression.

Since this is a plain talk in your interests (I am paid by the week and my time goes on whether your ads. look neat or crowded), let me make another suggestion. Do not exaggerate. Personally, when I pick up an ad. which makes what I consider undue claims, a process of discount goes on in my mind. And if your ads. are not to be trusted, what is the use of advertising? The public cannot very easily be duped by printer's ink in these days. The shrewd poultry buyer, who is likely to prove a good customer, has very probably ascertained your standing in the trade before he did business with you. Your ad. merely reminded him that you are still doing business and of the class of poultry he might expect from you.

Let me illustrate my case by two one and a half inch ads. The first will be a sample of a bad ad.; the second of a good one. Do not think because I use the name of your particular breed of fowl that this article is a gibe at you; and if it does fit you do not shift it off to the other fellow.

Example No. 1:

### BIG SNAP IN BUFF COCHINS My Birds Won ALL the Prizes

at the leading shows, including the \$50 cup at Toronto Industrial for best showing of all classes of birds—cocks, hens, cockerels, pullets, pens—and I won 1st at Guelph, 1st at competition, scoring 96 points out of 100; 1st at Montreal, and 2nd at Peterboro' and Owen Sound. If you want good birds come to me, as I have the only Buff Cochins worth the name. Just now I am selling at away-down prices—come early or you will not be able to secure these bargains, as even my big supply will soon be disposed of at the low prices I am offering them for. Address,  
**JOHN BRAG,** **Minnesota.**  
Bargainville,

Such an ad, as this tells you little or nothing, except that Mr. Brag would have you believe that he is the only man who knows anything about buff Cochins that are any good.

Example No. 2:

### A Word to Buyers. ←

In BUFF COCHINS my birds and prices will suit you. I am not selling at "half-prices," but the figures given below will secure you good birds:—

|                                    |        |
|------------------------------------|--------|
| Cockerels, (April and May hatched) | \$3.00 |
| Pullets, " " "                     | \$3.00 |
| Trios, " " "                       | \$8.00 |
| Hens, (year-old)                   | \$4.00 |
| Cocks, (prize-winners)             | \$5.00 |

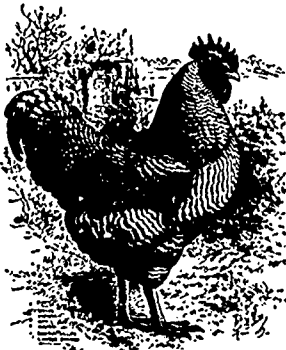
Early orders, early choice. Address,  
**ERNEST RICHARDSON,** **Ont.**  
Galt,

No more words than this should be used in a one and a half-inch ad.

Well, I've said my say, and I hope you will make a few dollars out of it.

Yours respectfully,  
COMPOSITOR.

# AMERICA'S CHAMPION BLUE ANDALUSIANS, CANADA'S " BARRED PLYMOUTH ROCKS, AND BUFF WYANDOTTES WITHOUT A PEER,



are the varieties that stock the NEIDPATH POULTRY YARDS. We have purchased M. G. W. MILLER'S entire stock of Barred Plymouth Rocks, well known throughout Canada by their phenomenal show record, winning 16 out of a possible 19 first prizes in one season at Canada's greatest shows. Also winning the Bertram \$50 Challenge Trophy for best cock, hen, cockerel, and pullet; the Peterboro Gold Medal, for the best collection in the American class, a Silver Medal for best exhibition pen—all three won at Canada's greatest show, the Ontario, 1900, and for the first time in the history of that show captured every first prize, and the Industrial medal for best collection of Barred Rocks at the late Toronto Fair. Mr. Miller declares his young stock the finest he ever had.

WE HAVE A GRAND SELECTION OF COCKERELS AND A LIMITED NUMBER OF PULLETS FOR SALE.

Owing to the above purchase, we are prepared to give

## Great Bargains in Andalusians.

PENS consisting of cockerel and hens in any number. Exhibition birds fit to win in any company.

Our past 5 years' record on this variety simply cannot be surpassed by any one breeder of a single variety on this continent.

OUR BUFF WYANDOTTES are from the finest strains in America. For sale a number of very promising cockerels, noted for their great size and vigor.

## NEIDPATH POULTRY YARDS, LONDON, ONT.

Address,

Newton Cosh & Co., 111 Wellington St., London, Ontario

11.00

## A BATCH OF QUESTIONS FROM BRITISH COLUMBIA.

ENCLOSE fifty cents in stamps to pay for the Review for one year. I also want to know in the Review (1) "How old is a hen before she moults? And if they moult the same year if bred or hatched in February or March?" or (2) "If you can control the moulting in any way." (3) Also "Who is a reliable breeder of a good laying strain of large sized black Minorca and blue Andalusian stock?" so I can procure a sitting of eggs of each kind, so as to get a change of blood for my stock, and (4) "a good laying ration for Minorcas and Andalusians." (5) "I intend running an incubator this year; advice on how to run one would be very good, so as to prepare for coming season."

J. J. SHEPPARD.

Cobble Hill, B.C.

(1). Early hatched pullets will sometimes moult late in the fall of same year. (2) Moulting cannot be controlled, but may be stimulated, by

heating food and a liberal allowance of animal food. The earliest hatched hens moult earliest, and generally at the same date each year, though even this varies with the weather and other conditions. (3) Consult Review advertising pages. There is a big choice. (4) Oats, wheat, and cut bone should form a good ration for you. A liberal allowance of the latter. (5) Consult the catalogue of the maker of machine you purchase, and our Incubator Department from month to month.—Ed.

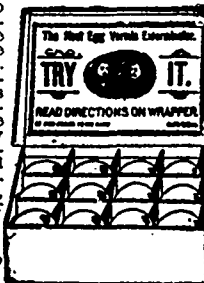
## Housewives and Poultrymen!

**\$1.00**

Kills 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, \$1.00 or descriptive circular free. Address,

Nethaway & Hanson,  
201 Wahoo, Neb



## - Golden Wyandottes - EGGS \$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.

## Receive Your Money's Worth

by getting some of my stock. I have some **Fine Birds for Sale**

bred from my winners all over Canada in the following varieties: white Plymouth Rocks, white and brown Leghorns, black Cochins, golden and silver Polands, golden and silver pencilled Hamburgs, Indian Games, La Fleche, golden Sebright and black African Bantams. Silver grey Dorking cock, brown China and Toulouse geese, Aylesbury, Rouen, Cayuga and Muscovy ducks, white Holland Turkeys, Ferrets and Guinea Pigs. Prices reasonable. 4.01

C. E. Smith, Fairfield Plains, Ont.

## S. C. Brown Leghorns.

THE KIND THAT WON AT

NEW YORK AND BOSTON IN 1909.

Eggs \$2 and \$5 for 13.

Catalogue Free.

GEO. H. BURGOTT,

Empire State Farm, Lawton's Station, N.Y.



## GOOSE BREEDING.

(Continued.)

## FATTENING.

On July 8th, when the goslings of the first hatch were seventy-four days old, they were penned up for fattening. A few goslings of the second hatch, which had associated with them after the attack by dogs, were also included, although ten days younger. The pen was on the brow of a sandy knoll from which water would drain rapidly, and was about thirty-five feet square. The fence was made of wire netting, four feet wide, with two feet of boards at the bottom, making a fence six feet high. Shade was afforded by a shelter of birches laid upon poles about two feet from the ground. Water for drinking was provided in pails, and their food was placed upon board troughs laid on the ground. Cracked oyster shells and gravel were kept in the pen where they could help themselves at any time. Charcoal was fed to them twice a week. After one or two days of moderate feeding, to get the sixty goslings placed in the pen accustomed to their quarters, they were fed morning and night upon dough made from one part freshly ground beef scraps of the best quality, and four parts sweet Indian corn meal, by measure, seasoned with a little salt, and mixed with boiling water. Whole corn was fed at noon. The preparation of the food and feeding was substantially as recommended under the head of "Fattening," (see former issue). August 1st, fifty-seven of the goslings were dressed for market—three pure bred Africans being retained for breeding purposes. The fifty-seven goslings were killed and picked in a little more than ten hours, by two professional pickers. The live weight of each bird was recorded, and also placed on a wooden label attached to the leg, so that, after being thoroughly cooled in ice-water, the dressed weight could be compared with it. The color of the feathers, the color of the bill and nail

at the point of beak, and of the legs and claws, was noted, and some observations on the ease or difficulty of picking the different crosses. The operation of dressing, icing, and shipping to market has already been described, and need not be repeated.

The goslings were divided into two lots, each representing as far as possible all the crosses dressed, and sent by express to two wholesale poultry dealers for sale. They were asked, and kindly consented, to give an opinion upon the merits of the goslings sent, each of which bore a tag with the pen number, but no other mark. One lot was sent to Messrs W. H. Rudd, Son & Co, of Boston, Mass., and the other to Messrs Knapp & Van Nostrand, of New York.

July 4th, four days before they were put in the fattening pen, the goslings of the first hatch averaged 8.57 pounds each, and were seventy days old. When killed, August 1st, fifty-seven goslings—fifty of which were ninety-seven days old, and seven only eighty-seven days old—weighed 657.06 pounds, or an average of 11.52 pounds, showing an average gain in live weight of 2.95 pounds, equal to a daily gain of 1.75 ounces. Their total dressed weight was 632.19 pounds, or an average of 11.09 pounds. The total dressed weight was 96.21 per cent of the total live weight.

On August 3d, the third hatch of goslings was put into the fattening pen, and the same course pursued as in the case of the first hatch. They were fed until August 29th, when forty-five were dressed by the same pickers and shipped to the same commission merchants, as in the case of the first lot: twenty-five were shipped to Boston, and twenty to New York. This lot was seventy-two days old when shut up for fattening, and when sixty-nine days old forty-nine goslings weighed alive 383.44 pounds, or an average of 7.82 pounds each. When dressed, they were ninety-eight days old, and forty-five of them weighed 488.69 pounds—an average of 10.86 pounds each, showing a gain of 3.04 pounds in twenty-nine days, or a daily gain of 1.67 ounces. The total dressed weight of the forty-five goslings was 473.44 pounds, equal to an average of 10.52 pounds. The total dressed weight was 96.87 per cent of the total live weight.

## WHITE TURKEYS FROM DARK STOCK.

I HAVE just had my attention drawn to rather a curious result in breeding of turkeys and thought that perhaps it would interest some of your readers.

A farmer near here has a small flock of common turkey hens, all dark in color. He mated them last spring with a nearly full-bred bronze tom. Among the young birds hatched from the eggs laid by those turkeys are three tom turkeys perfectly white in plumage; not a dark feather in them. They are well-grown, large birds and as large if not larger than the other birds of the same age.

There are not any white turkeys in the neighborhood, nor have there been.  
W. A. ROTHWELL.

Kingston, Ont., October 28, 1900.

[Have they pink eyes? If they have they are albinos.—Ed.]

## SOME TURKEY NOTES.

A WRITER in English "Poultry" complains that for several years his turkeys came with too large a proportion of crooked breasts, and now claims to have found a remedy in doing away with perches entirely. He also gives some other useful hints in the following:

The object from now onwards with turkeys is to induce them to grow as fast as possible, and to put on flesh, thereby increasing the weight and value, as turkeys are sold at so much a pound. Grit is an indispensable item to turkeys. Nothing is better than that obtained from the roadside, as it contains minute particles of flint, which appear necessary for the proper digestion of turkey food. In the absence of roadside grit a very good substitute can be obtained from broken flint stones.

A light, airy house, with a soil-covered floor, is the best place for young turkeys. I like a lean-to shed facing east, with a partition in the middle. One half of the shed should be quite open, having a wire-covered front. Through this the birds can have abundance of air, and be safe from rats, cats, or foxes, and still be quite cool and airy. Healthy, sweet roosting condition is an essential point at all times in connection with turkey rearing. When a number of birds are shut



# Fourth Annual Exhibition

WILL BE HELD IN THE CITY OF

**Brantford,**  
ON  
**JAN. 8TH TO 11TH,**  
TUESDAY,  
WEDNESDAY,  
THURSDAY,  
FRIDAY, 1901.

ENTRIES POSITIVELY  
CLOSE JANUARY  
5TH, 1900.  
WRITE THE SECRETARY FOR  
PRIZE LIST.

**Liberal Cash Prizes and Valuable Specials** will be offered on all the leading varieties of land and water fowl and pigeons. **POULTRY AND PIGEONS IN SINGLE BIRDS** We invite all lovers of pure bred poultry to attend. We have four prominent men as judges—T. H. SMELT, RICHARD OKE, NEWTON COSH, on Poultry, CHAS. MASSIE, on Pigeons. These men are specialists on the varieties they are to judge, and everyone should go away well pleased  
**SHOW OPEN TO THE WORLD.**

T. A. COX,

President.

12.00.

J. H. MINSHALL,

Sec.-Treas., 22 James St., Brantford.



up in an ill-suited house the air quickly becomes vitiated and foul, a sure forerunner of roup and its kindred ailments, all of which are detrimental to success. The floor should be raked out every morning, and frequently dusted with air-slaked lime, which tends to keep the atmosphere sweet and clean.

For several years I have been troubled with crooked breast-bones in my turkeys. I have tried various forms of perches, such as small twigs, large fir poles, and flat board-like perches, still the result has been the same—viz., a great disfigurement of the birds by imperfect breast-bones. I have bred from birds of different ages and so on, and always kept them under the healthiest condition possible, but without avail. This season I determined to permit no perches at all to be used in the house, allowing the birds to roost on the ground. The result is most satisfactory. I have not more than one bird in all the stock that can be termed in any way crooked in the breast. When the birds were hatched I examined them as to the bone being straight, determined to find out the period when the mischief is done. I have periodically done so to make certain, and have now no hesitation in advising others not to allow perches to be used at any time.

From this time onward the feeding of the birds is a most important matter; they should be fed regularly, freely, and with sweet, wholesome food. Ten weeks before Christmas I do not allow the birds out of the house until about

## Forty-two Cockerels <sup>July 1st</sup> FREE !! UNPRECEDENTED OFFER

The Stadacona Poultry Yards, Gus. A. Langeller, No. 1 Lee Street, Quebec, are outwith this phenomenal, Unprecedented Offer, which is open till 1st January, 1901.

Mr. Langeller will send one to four cockerels of the following varieties: Barred Rocks, White Rocks, S.C. Black Minorcas, S.C. Brown Leghorns, to anybody whose letter, or post card, will be received before the 1st January, 1901. The price of each cockerel is \$1.50 or four (of one or more kinds) for \$5.00. You need not send one cent till you see the birds. If you think they are worth the price asked for them, can't according to the number you receive. If you do not think them worth what I ask for them, pay the express, and keep them for nothing. One way or the other, I am sure of you for a future customer, as my check is worth 3 times what I ask for it. Anybody can apply and will receive birds without delay. Birds positively free to those that think them dear. GUS. LANGELLIER, Quebec.

10 a.m., shutting them up again about 4 p.m., gradually reducing the period of liberty until ten days before killing time, when they are wholly confined to the house. My opinion is that they put on flesh much faster when confined as compared with having an unlimited run. The first feed of barley meal and skim milk is given at 7 a.m., and they have skim milk to drink as they require it. At 10 a.m. they have a feed of prepared food, oatmeal, and meat scraps. The birds are then allowed out on a grass run, where, in addition to the grass, they have a good supply of cabbages. At 12 o'clock as much maize as they will pick up is given. At 3 p.m. they have a feed of wheat, and at 5 p.m. maize as an evening meal, with a view to its lasting and warming properties through the night.

In feeding the birds outside, fresh ground should be constantly chosen, as when the birds are numerous the surface quickly becomes tainted. Lime sprinkled about freely, even in

the open, cannot fail to be beneficial, sweetening as it does the surroundings.

### CORRECTION.

FIND in books of Ottawa Fair that a Mr. Stewart was credited with 2nd prize on golden pencilled Hamburg cock; he received 3rd, and I took the blue ticket. Please correct.

W. S. HAMILTON.

Toronto, (November 15, 1900)

## WHOA BILL!!!

Do you want Teal, Widgeon, Pochards, Tufted Sheldrakes, Gullwalls, Pintails, Bahama, Scaup, Shovellers, Curved bill, Mandarin or Woodducks, Wild Egyptian, Sebastopol Brent, Bernical, Pink footed, White fronted, Field or Bean Geese, White or Black Swans, White or Colored Peafowls, Pheasants, or any kinds of Domestic Ducks or Geese, R. I. Reds? Then send us 50c for our New Catalogue, giving full description of the above and lots of others. 3 Embden, 2 Hr. China, one African, one Toulouse Garder for sale.

**Tashmilt Farm,**

Box 5 SHAWMUT. . . . . MASS





AT the coming Cleveland show, where Mr. C. J. Daniels is to superintend, one of the attractions will be a \$50 silver cup for the best exhibit of poultry. The regular premiums are graded in accordance with the number of entries in each class, and run from \$12 for first prize, down.

The association offers \$100 in gold for special prizes as follows: \$10 each for the best display of Brahmas, Cochins, Rocks, Wyandottes, Leghorns, Minorcas, Polish, Hamburgs, and Bantams, all varieties, and pigeons.

#### THE BATTLE CREEK, MICH., SHOW.

AN early show is appreciated by the fancy. Breeders like to have birds judged early. They can then sell them by score card, and also know something about the competition they have to meet later.

All this is substantiated by the fact that breeders all over our own state and many in adjoining states have already assured us that it is their intention to exhibit at the Battle Creek show. A postal card to Geo. S. Barnes will bring you a premium list.

#### POULTRY COOPS.

When shipping coops for market poultry, the Sprague Commission Co. Chicago., recommend the following:

Coops should be forty-eight inches long, thirty inches wide, twelve inches high for chickens and ducks, and fifteen inches high for turkeys and geese. Use lumber as follows: Use 2x2 for corner posts, or 1x2 will answer. If you cannot get them, get 1x4 and rip them in two. Cut six pieces thirty inches long, and nine pieces twelve or fifteen inches long, for each coop; nail the short pieces one at each end; one in the center of the long

ones (use 10d. wrought nails). Make three of these frames, one for each end and the center. For the bottom use one half inch boards or lath, make the bottom tight (use 6d nails); use 1/2 x 2 strips of lath for sides, ends and top; put them one and a half inches apart; the width of lath is about eight. Leave two laths loose on top in center, or make a door of them to open, in order to put poultry in and take it out; now nail a lath around the coops, each end and the center (outside the three frames made first). This will keep the lath from coming off, and make the coops stronger. For broilers, the coops can be made ten inches high and twenty-four inches wide. This will make a good, strong, light coop.

#### THE GREAT CHICAGO SHOW.

THE National Fanciers' Association has perfected arrangements for what is to be, beyond doubt, the largest and best poultry and pet stock show ever held in Chicago. This exhibition is to be held January 21-26, 1901. The new and magnificent Coliseum building has been engaged and will be especially arranged to meet the requirements of an immense exhibition. The exhibition will be penned in the most approved manner.

It has been decided to pay cash prizes on poultry, Belgian hares and pet stock, according to the number of entries as follows: twelve in class, 1st, \$5; 2nd, \$3; 3rd, \$1.50; 4th, \$1; 5th, 50 cents. Eight entries, 1st, \$3; 2nd, \$2; 3rd, \$1.50; 4th, 50 cents.

Breeding pens: six entries, 1st, \$6; 2nd, \$4; 3rd, \$2.50; 4th, \$1.50. Four entries, 1st, \$4; 2nd, \$2.50; 3rd, \$1.50. Two entries, 1st, \$3; 2nd, \$1.50. One entry, 1st, \$1.50.

Cash prizes in pigeon classes: Four entries, 1st, \$2; 2nd, \$1; 3rd, 50 cents. Two entries, 1st, 50 cents; 2nd, 25 cents. One entry, 1st, 25 cents.

A very large list of special prizes has been arranged, prominent among which are: \$10 in gold for best display in each of the following classes: barred Rocks, buff Rocks, white Rocks, S.L. Wyandottes, white Wyandottes, buff Wyandottes, buff and partridge Cochins, buff, white and brown Leghorns, Langshans, Indian Games, exhibition Games, turkeys and geese. In each of these breeds the best cock, hen, cockerel and pullet will be given

each \$2.50 in addition to the regular and other special premiums.

The judges are: Messrs. Zimmer, Butterfield, Rigg, Drevensstedt, Russell, Walden, Bridge, Taylor, Tucker, Pierce, Hewes, Ticmann, Schimmel and Plachn.

The aggregate of all cash prizes, general and special, offered at this show is more than \$13,826. Think of what that means to the fanciers of America, especially to those in the Midwest.

Mr. Fred L. Kimney, Secretary, Morgan Park, Ill., will be pleased to give further information to those interested.

#### QUILHOT TO JUDGE BANTAMS AT NEW YORK.

THE vote by the members of the National Bantam Association for judge of "Bantams other than Game" at the New York show for 1901 has been completed and the result is as follows: H. J. Quilhot, 35; C. E. Rockenstyre, 16; W. J. Andrus, 11.

E. LATHAM, Sec.

November 6, 1900.

#### MEETINGS OF WHITE ROCK CLUB.

MEETINGS of the American White Plymouth Rock Club will be held this season as follows:

Annual meetings of the whole Club at Boston, New York, Chicago and Oakland, Cal.

State meetings thus far decided upon will be held at Cleveland, O., Detroit, Mich., Woodstock, Vt., Torrington, Conn., Orange, N.J., Cortland, N.Y., Philadelphia, Pa., Jacksonville, Ill., Louisville, Ky., Memphis, Tenn., Lincoln, Neb., Topeka, Kan., Spokane, Wash.

Each State is entitled to a state meeting, at which the club diploma will be awarded; and only members are eligible to compete for same.

All white Rock breeders who have not yet joined the club are respectfully urged to send in their application, with the membership fee of \$1. Receipt, membership card and picture of ideal white Rock male in colors will be promptly mailed. The club has upwards of 500 members and is the largest poultry organization in existence.

During the past two months more new members have been received than ever before, in the same length of time, and this will be the best year in the history of the club.

FRANK HECK, Sec.-Treas.  
New Albany, Ind.

WANTS A DOLLAR FEE AND  
NO LIMIT AT THE PAN-  
AMERICAN.

*Editor Review:*

NOTICED in the October issue of the Review an article under Notes and Comments, stating that the Canadian breeders who met Mr. Converse (the Superintendent of Live Stock at the Pan-American Show), urged that the entry fee of one dollar for single birds at the Pan-American Show be cut in half; also that only one entry in each class be allowed from any one breeder, and that the Review is fully in accord with both of the above suggestions for the reason, the latter placed the "little" breeder on an equality with the big chap. Now I for one do not agree with the Review, or any Canadian breeders who want a fifty cent entry at a show like the Pan-American will be. I firmly believe (and I am not alone in my opinion), that the poultry and pigeon department will be the best and largest this or any other country ever knew; not only in quantity, but such quality in numbers will never be seen again. I know that as a whole, the quality of poultry at the World's Fair at Chicago was nothing

to be proud of. But I think the quality that will be offered at the Pan-American for the judges to pass on, that every breeder that is fortunate to get a card tacked to his entry, will feel as if he owns the whole show, grounds and buildings included, if it happens to be a first prize card. I do not think a dollar entry fee for each specimen in the open classes is too much, considering the value of prizes, viz., 1st, \$4; 2nd, \$2; 3rd, \$1; to say nothing of the prestige it will give a breeder who wins. Now we will take the Boston, New York, and the Philadelphia shows, entry fee \$2, instead of \$1, and the money prizes no better; and in fact not as good, as the full amount of seven dollars is only divided in two cash prizes, viz., 1st, \$5; 2nd, \$2. And I hope and trust that all the small breeders will send at least two entries. But at the same time I think for the management to limit one man's entry to one bird in each class would be a serious blow to all breeders and exhibitors, and if they stand idly by and allow such a clause to be adopted, they are certainly placing (or helping to place) an obstacle in the way of their own success, for the reason that so many thousands of people will be there to see their birds, and the specialty breeders will only be able to show the public four of their birds, with the exception of one pen.

I do not see where the limit, of such as one entry in each class, favors the little breeder. I am one of

those unfortunate little breeders, and I have to work as hard as anyone for my money, but I hope and trust every other exhibitor who has birds in the classes I am interested in (or my birds), will have fifty birds against every one of mine. If I have one bird in each class, and they are the best, why they will, or should, certainly win, and if I had fifty in each class, and there were better birds against me, I should be strictly out of the winning. Therefore, on those grounds, I claim the little breeder is placed to a great disadvantage, to have only one entry in each class from each exhibitor if he has the best birds. Everyone knows the boost a small breeder gets should he win in hot competition, where there is quantity as well as quality. If I stood no chance of winning amongst the largest breeders in the country (supposing each had fifty entries in each class against me), it certainly stands to reason, I would have no more of a chance of winning, even though they only had one.

No, sir; for my part I say, let the number of entries from each exhibitor be unlimited, whether he be prince or pauper, as long as all his fees are paid.

Another thing seems very queer to me, why such rules should be advocated by Canadian fanciers, for when we come to think of their reputation on this side, it is certainly very flattering to them. Take for instance, Messrs. McNeil, Oke, Bogue, Barber, Crowe, Newton Cosh, Minshall, Butler, Burns, Mrs. Shales, J. E. Bennett, Dundas, J. H. Magill, O'Neil, and others. The above mentioned (with the possible exception of Messrs. Bogue and Burns) have, to my knowledge, been very successful at both New York and Boston shows, not only once, but the majority repeatedly. They had to, and did, pay an entrance fee, at both places, of two dollars, each single entry, and the money value in prizes was only seven dollars in each class, and I have yet to read the first complaint from any of the above in the poultry press, regarding too high an entry fee, or an unlimited entry in each class, from any one or all exhibitors.

It may look to some people as though you Canadian breeders were

# Abbott Bros.

EAST OF ENGLAND LIVE STOCK AND POULTRY FARMS,  
Thuxton, Hingham, Norfolk, England.

The largest and most successful prize poultry breeders in the world. Almost all varieties of Poultry, Ducks, Geese, Turkeys and Bantams are kept, and have taken more cups, medals, diplomas and prizes than any other breeding establishment in England. Also

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.

ALSO BREEDERS AND EXPORTERS OF THE MOST

## Fashionable Hackney Horss

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

PURE BRED DAIRY SHORTHORNS AND RED POLLED CATTLE  
THE OLD FASHIONED BOB-TAILED SHEEP DOGS.

Prize winners and first class specimens always on hand.  
This is the largest and oldest established Poultry Farm in England. Illustrated De-

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

afraid. But I can speak from my own experience, that I have yet to meet the first Canadian breeder who is afraid to show his birds against any other breeders living, and I have found when they meet defeat, they take it in a true fancier's spirit, and give the victor all the credit he deserves.

Now, in conclusion, let me say, "smoke up," ask for an unlimited entry, at one dollar each. Bring your best birds to the great and only Pan-American, in 1901. Hire a special train to take back all the medals and cups you may win, and spend your cash winnings on the greatest Midway this country has ever seen.

Yours truly,

FRED. MAUNDER.

Buffalo, N.Y., October 15, 1900.

After all Mr. Maunder has written, and we are glad to hear from him, we must still stick to our original opinion. By the small breeder we don't mean the specialty breeder, who can raise 100 to 1,000 of one variety, but the man whose quarters are limited, whose birds are few and who cannot compete in a fifty to one chance of winning. The entry fee at Toronto is twenty-five cents, the two prizes given amounting to \$3, and in the larger classes much more, thus the fee is but one-twelfth of the money offered, while the Pan-American proposes to ask a fee amounting to one-seventh of the prize money, or almost twice as much as asked for at Toronto. Boston and New York are shows of a different class, and bear no comparison to a fall show held under the auspices of such an organization as the great and wealthy Pan-American.—Ed.

### 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



**SPIRAMOTOR**  
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:  
Spiramotor Co., London, Ont.

### PROPOSED REVISION OF THE RHODE ISLAND RED CLUB STANDARD.

AS AGREED TO AND RECOMMENDED BY COMMITTEE OF FIVE TO REVISE STANDARD AT SPECIAL MEETING OF THE RHODE ISLAND RED CLUB, HELD AT BOSTON POULTRY SHOW, JANUARY 18TH, 1900.

#### REPORT OF COMMITTEE.

To the Executive Committee of the Rhode Island Red Club.

**G**ENTLEMEN,—After careful consideration, this committee unite and agree on the enclosed revision of the Rhode Island Red Standard, and recommend its adoption.

Our object has been to prepare a standard that will not only definitely govern judges and exhibitors but that will thoroughly inform beginners, buyers and breeders. Therefore, we have not confined ourselves to the usual skeleton standard plan and do not dread criticism for having been too profuse and long winded in the description and explanations.

We have endeavored; first, to make uniform and more firmly establish the most important characteristics of the Rhode Island Red fowl, the typical and most useful shape, and to lay such stress on this feature as shall prevent all further departure from it. Second, to preserve the natural Rhode Island Red color and prevent the adoption of an artificial standard for color, that will call for the same color in both sexes and result in the necessity for a double mating system, which has been such a curse to other breeds. Therefore, we have called attention to the fact that the females are naturally much lighter and less striking in color and that the breed takes its name from the male. We also wish to prevent color of plumage ever becoming the most sought after feature, to the neglect of shape, size or other useful qualities.

In disqualifications we have aimed high, to keep trash and even good breeders out of the showroom and compel rapid improvement of the breed. Some of these disqualifications will be and must be permitted in very good breeding birds for some time but should not be in birds exhibited to the

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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.**

Winner 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.

public as being anywhere near ideal specimens.

They will also give the uninformed some idea of the comparative value of the birds they buy or breed. Com-

mon defects to be avoided and the comparative value of undercolor to surface color are given for the same reasons. It is easy to get nice red birds with dark slate undercolor and easier to get reddish buff birds with buff undercolor. The matter of dark pinfeathers in dressed birds, however, must not be ignored. Therefore, the combination is held up as our ideal.

The committee also wish to insist on the importance of withholding prizes from pale, over shown, or sickly looking birds, no matter how excellent their qualifications. We wish to compel breeders to keep such birds out of exhibitions.

The committee recommend that this report be immediately printed and forwarded to members of the Club and be given all poultry and agricultural papers for immediate publication that there may be ample time for its consideration; and for discussion and criticism before the next annual meeting of the Club.

Respectfully submitted by,

SAMUEL CUSHMAN,  
EDWARD M. COLLINS,  
LUTHER ROBBINS,  
ROLAND G. BUFFINGTON,  
EDWARD S. MACOMBER,  
Committee.

#### STANDARD FOR RHODE ISLAND REDS.

##### TYPE.

Shape and carriage of body or correct type is the most important consideration. A specimen of the proper type with only fair color should always be given preference in show room over one having fine color but of the wrong type.

Body should be long, wide and deep (especially long in keel and broad in chest, shoulders and back), and well rounded, compact and free from angular projections if dressed for market. Neck moderately short and slightly curved. Thighs and shanks shorter and less coarse in bone than in any other variety of the American class.

(NOTE.—Longer, wider and more plump in body than that of the accepted Plymouth Rock type and much longer in keel also with body carried less upright than in the modern Wyandotte. Neck shorter and more curved than that of the Plymouth Rock. Owing to their solid build they equal in weight other breeds of greater size.)

##### COLOR OF PLUMAGE.

Color of plumage should be considered as second in importance to shape of body, never should be placed first. That of the male is richer and deeper in color than the female, much more showy, striking and attractive. It is the male's plumage that gives the breed its name. That of the female is lighter and softer in color.

Plumage of the male.—Head, neck, thighs, fluff, and saddle a bright cherry red. Back and wing bows cherry but may show a greater depth of color. Undercolor a lighter shade of red or rich salmon throughout and entirely free from slate or smut. Color of the quill should conform to the color of the web of the feather. The unexposed feathers of the folded wing may contain black. Tail, main feathers and sickles, black or greenish black.

NOTE.—By cherry red is meant not the color of cherry wood or the color of a black heart cherry but the color of a ripe light red cherry. Lighter and nearer scarlet than what is usually termed mahogany, claret or wine color. Not chestnut or chocolate color.

Plumage of the female.—Lighter in color than the male. Golden red surface color, with hackle feathers on lower part of neck slightly tipped (not laced) with black. Undercolor a lighter shade of red or rich salmon throughout and entirely free from slate or smut. The unexposed portion of the folded wing may contain black. Tail black or greenish black.

##### FURTHER DESCRIPTION OF THE MALE.

Head.—Of medium size, fair width of skull and carried well up.

Beak.—Short, stout and moderately curved. Red horn in color.

Eyes.—Large and deep red, alike in color.

Comb.—Single comb variety shall have a low, straight comb of fair length, having no side dishes or twists, evenly and symmetrically serrated. Rose comb variety shall have a low rose comb, evenly shaped, carried straight, fitting close to the head, having but very slight corrugations on top and terminating in short spike.

Wattles and Earlobes.—Coral red. Wattles moderately rounded, of equal length. Earlobes of medium size, smooth and fine in texture.

Neck.—Rather short, well arched

with abundant flowing hackle.

Back.—Apparently rather short, broad and flat at shoulders, the saddle being broad, full and rising with a slight concave sweep to the tail.

Breast.—Broad, deep and well developed.

Body and fluff.—Body deep, well rounded at sides, with long keel bone. Abdomen, wide, not deep, well rounded and full feathered.

Wings.—Of medium size, closely folded and carried well up so that the tips are partially covered by the saddle feathers.

Tail.—Full, slightly expanded, carried about half as high as the head and extending back with a graceful sweep. Sickles well developed, nicely curved and of medium length.

Legs and Toes.—Thighs of medium length, stout and well rounded and well covered with soft feathers. Shanks rather short and moderately stout, nicely scaled and free from feathers or down. Toes, four on each foot, straight and of medium length. Color of shanks and toes orange or deep yellow. Front of shanks and top of toes may be shaded with a little red horn color the same as on bill.

##### FURTHER DESCRIPTION OF THE FEMALE.

Head.—Same as males but smaller.

Beak.—Red horn color.

Eyes.—Large, deep red and alike in color.

Comb.—Like males, but smaller in proportion according to the sex.

Wattles and Earlobes.—Coral red. Wattles small, well rounded, of equal length. Earlobes small, smooth and fine in texture.

Neck.—Rather short, slightly arched, with well developed plumage.

Back.—Apparently longer than in male, with greater breadth at shoulders, and with just enough rise at saddle to produce a slight concave sweep to the tail.

Breast.—Broad, deep, and well developed.

Body and fluff.—Body deep, well rounded at the sides, with long keel bone. Abdomen wide, not deep, well rounded and full feathered.

Wings.—Of medium size, closely folded, and carried well up.

Tail.—Full, slightly expanded, and carried moderately low.

Legs and Toes.—Thighs of medium length, well rounded, and covered with soft feathers. Shanks rather short, and of medium size, closely scaled and

The Seventeenth Annual = = = **Exhibition** of the Eastern Ontario Poultry Association

will be held at



**ALMONTE, ONT.,**

For Premium Lists, etc.,

**JANUARY 14th to 19th, 1901.**

address **A. P. MUTCMOR,** Sec'y  
162 Sparks Street, Ottawa.

**F. J. BLAKE,**

**FRANK W. MCKENZIE,**

President,

Poultry Judge.

101

Free from feathers or down. Toes, four on each foot, straight and of medium length. Shanks or toes orange or deep yellow in color. Front of shanks and top of toes may have a touch of red horn color same as on bill.

**STANDARD WEIGHT.**

Cock, 7 1-2 pounds; hen, 6 pounds; cockerel, 6 1-2 pounds; pullet, 5 pounds.

NOTE.—Some males now reach 9 and 10 lbs., and hens 7½ lbs. These may continue to be bred by some, because desirable for a certain special purpose, but stock of the above weights make best early maturing all purpose fowl. With this breed however, weight is little indication of proper size. Judges should be very lenient with over weight in old birds in winter and with under weight in young stock in the fall provided latter are properly developed.

**DISQUALIFICATIONS IN THE SHOW ROOM.**

Feathers or down on shanks or toes or evidence of their removal. White in any part of the plumage, or missing

feathers. Permanent white in earlobe of male or female. Badly lopped comb or side sprigs on single comb. Wry tail, crooked back, keel, toes or beak or any other deformity. Black in surface color of male except in tail or in surface color of female except in tail and on tips of hackle feathers on lower part of female's neck. Only specimens of this breed having bright healthy red color of comb, wattles and earlobes and an appearance of vigor should be eligible for honors.

NOTE.—Single comb and rose comb specimens should never be judged in the same class. Although perfect undercolor is very desirable on a good all round bird, it should receive little consideration in the show room unless accompanying the typical shape and good red surface color as well as excellence of eyes, comb and feet. In other words an excellent bird in all other respects but having a slight amount of slate undercolor should not be displaced by one much inferior simply because it has the desired undercolor. On the other hand,

very red plumage with white or dark slate underneath should not be preferred to fairly red surface feathers that are clear salmon beneath if other qualities are about equal.

Defects to be avoided.—Very fluffy or Cochin feathering. Cochin cushion on female. Clear light yellow bill or black on bill. White, pearl or fish eyes. Eyes not alike in color or having pupil obliterated. Long or perpendicular spike on rose comb. High or perfectly upright tails. Green on shanks.

JOHN CROWTHER,

Sec. R.I. Red Club.

Fall River, Mass.

**Buff Cochins.**

That are bred to stay buff, of profuse feathering and shape. Good yellow legs, and beaks, with rich bay eyes. Some extra choice pullets and cockerels for disposal.

A. W. BELL,

536 Ontario St., Toronto, Canada

Silver

**WYANDOTTES**

Golden

**GREAT COMBINATION**

We have bought Jas. Arthur's entire stock of Silvers, good-will, etc., making our Yards unequalled in America.

TORONTO, 1900.

Clean Sweep. Strong Competition.

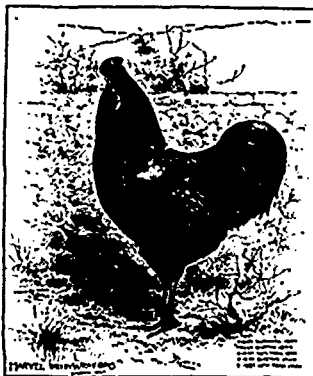
1, 2, 3 cock, 2, 3, 4 hen

1, 2, 3 chl., 1, 2, 3 pullet.

and Bronze Medal best collection part-colored.

**Birds for Sale - -**

**Eggs \$3.**



Imperial Strain Holds the Record.

BOSTON, 1900.

7 birds shown ( 2nd cock, 4th cockerel,  
3rd hen, 1st & 3rd pullet.

ALL SPECIALS BUT THREE,

including

**GRAND DISPLAY.**

**- - Birds for Sale - -**

**Eggs \$3.**

**WRAY BROS.,**

**= London, Ont.**

# Woodstock 5th Annual Exhibition

TO BE HELD AT

THE

TOWN HALL,

DECEMBER

18-19-20-21, 1900.

Entries Close

DECEMBER 14.

J. H. CALLANDER.,

Secretary.

A LARGE CLASS  
MADE FOR DRESS-  
ED POULTRY, TO  
WHICH ENTRIES  
CAN BE MADE  
WITHOUT PAY-  
MENT OF THE \$1.00  
MEMBERSHIP FEE

Larger Lists than ever. Many  
valuable Specials. Most central  
point in Woodstock. Ontario's favor-  
ite winter show. Everybody welcome.  
Write Secretary for Prize List.

W. McNEIL, Judge.

W. H. VAN INGEN, J. L. PAGE,

President. Superintendent.



## NEW POULTRY ASSOCIATION FORMED IN QUEBEC.

ON Friday evening, November  
9th, at North Hatley, Que.,  
some of the friends of good  
poultry gathered together and formed  
a poultry association, the first in the  
eastern townships, giving it the name  
of the Massawippi Valley Poultry As-  
sociation.

Twenty-four members joined and  
the following officers were elected:  
President, A. C. LeBaron, 1st vice-  
president, R. E. McKay; 2nd vice-

president, J. E. Kennedy; secretary,  
Dr. C. J. Edgar; treasurer, Henry  
Bassett.

An Executive Committee was also  
appointed, consisting of the following  
gentlemen: A. C. Jackson, chairman;  
John Hackett, M. A. Putney, B. A  
Blossom, Abbott C. LeBaron, D. C.  
Jackson, Jos. Sampson, Dr. H. A. Mc-  
Creagh, A. W. Beau, J. E. Goodwin,  
Amos Kezar, Clarence Young, Hol-  
land Knowlton.

The Association will hold monthly  
meetings, and propose having their  
first public exhibition about February  
next. Much enthusiasm was shown  
and the new association began its  
career under the most encouraging  
and pleasant auspices.

C. J. EDGAR, M.D.,  
Secretary.

(Congratulations.—Ed.)

\* \* \*

## CLASHING OF DATES.

TORONTO taking our dates seems  
rather hard treatment from a  
city that could have a big show  
at any time without trying to crush  
smaller associations. The Eastern  
Ontario and our show would not con-  
flict to any extent to injure.

Yours truly,

J. W. KEDWELL.

Sec. L.P. &amp; P.S.A.

Montreal, Ottawa, Toronto, Petro-  
lea, all on the same date does seem  
a little unbusiness like. This clashing  
of dates must tend to reduce entries  
at all the shows named, to some ex-  
tent.—Ed.



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 vari-  
eties 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 136 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 spec-  
imens 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.

## FULTON'S BOOK OF PIGEONS.

Reduced to \$5

Large full page engravings of all  
varieties.

New edition re-written right up to  
date. For sale by

H. B. DONOVAN, Toronto.

## 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 profit-  
able inmate of the yard and aviary.

Price 25c.—Free by mail. Address:  
Canadian Poultry Review, Toronto, Ont.

## Belleve Poultry Yards

Hy. Dunn, Proprietor, Outremont, Montreal.

Breeder of high class  
exhibition

## WHITE 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.  
201

## FOR SALE.

THIRTY PAIRS

## Young Mammoth Bronze Turkeys.

My stock have been regular winners at THE  
BIG SHOWS during the last twenty years.  
Look up my record at the last Brockville win-  
ter show.

D. CUMMING,

O. & N.Y.R.R. P.O. Box 57, Russell, Ont.  
12.01

## St. Jerome Poultry and Pet Stock Association.

Entries Close January 5th.  
Liberal prize list for single  
birds and large list of specials.

**D. D. LONGPRE,**  
President.

**Second Annual Show**  
Jan. 11th to 13th, 1901

IN THE  
**TOWN OF ST. JEROME, P.Q.**  
OPEN TO ALL.

**JOS. SAVARD,**  
Superintendent.

Large show room, well heated  
and lighted.

Prize list on application to  
Secretary.

**VICTOR FORTIER,**  
Sec'y-Treas.

### NOTES BY THE WAY

As we announced in a previous issue, the Eastern Ontario Show will be held in Almonte this winter, the dates being January 14th to 19th. Mr. Frank W. McKenzie, of Concord, Mich., will judge the poultry, and application for lists should go to Secretary Muchmor, at Ottawa.

Owen Sound dates are January 23 to 25 when the usual liberal list provided here will again be given. All enquir-

ies for lists should go to Mr. Percy L. Grier, Secretary, who will be pleased to afford full information to intending exhibitors. Fuller particulars in next issue.

A Toronto firm has received from England an order for ten tons of Canadian chickens, the result of a small trial shipment sent some six weeks ago.

The Toronto show will be held in the Pavilion of the Horticultural gardens on January 15 to 18, 1901. The judging

will be done on the score card system and to facilitate the work an extra number of judges have been secured. Their names are: Messrs. Thos. Rice, A. C. Blyth, T. A. Duff, J. E. Bennett, J. Dorst, and W. H. Goulding, all on the poultry classes. Mr. R. Durston is the secretary and will be pleased to send prize lists to all applicants.

We sincerely regret to announce the demise of Mr. John I. Hobson, Guelph the President of the Provincial Winter Fair. For some time past the late gentleman's health has been precarious and though he needed rest was so faithful to his duty, that he did not avail himself of a respite from work. Mr. Hobson was one of the principal advocates of the permanent location of the combined Winter Fair in Guelph; and the citizens of the Royal City will have the sympathy of the Province at large in their great loss.

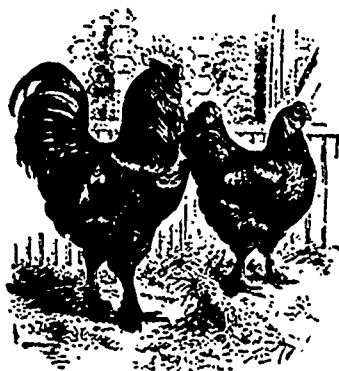
Don't forget the Montreal show and that Messrs. Butterfield and Rockens-tyre, are the judges. Mr. J. B. Cullen the secretary is only too anxious to send all exhibitors copies of the prize list. Full details in next Review.

**A. P. MUTCHMOR.**

**R. E. McKINSTRY.**

**OTTAWA POULTRY YARDS**  
**OTTAWA PIGEON LOFTS**  
**162 SPARKS ST., - - OTTAWA**

Importers and Breeders of High-Class Fancy Poultry and Pigeons. Prices right, and Stock the Best. Write for particulars before you buy elsewhere.



### Aqueduct Poultry Yards

WELLAND, ONT.

**Black Langshans** and  
**Buff Wyandottes**

The young stock are finer than I had dared hope for. If you want birds to win with, I can supply you but don't ask for cheap stock. I have none such in my yards. The best is none too good for myself and my patrons.

**John F. Hill.**

This issue of Review has a prosperous look, hasn't it? No dry time, everything on the hum—keeping eternally at it pays in the end. Our lists are jumping up with big bounds, and indications are that the coming year will exceed even our sanguine expectations. This journal is being extensively advertised all over Canada, our sole aim being to add to our already immense list of subscribers as we know that circulation surely brings advertising.

# The Owen Sound and County of Grey POULTRY, PIGEON and PET STOCK ASSOCIATION.

Will hold their 18th annual exhibition in the  
**TOWN HALL, OWEN SOUND,**

ON

**JANUARY 22nd, 23rd, 24th and 25th, 1901.**

For prize lists and all information address the Secretary, Owen Sound.

**GEO. PRESTON, President.**

**PERCY L. GRIER, Secretary**

## TO THE BREEDERS OF BUFF ROCKS.

**A**NOTHER show season is here and many of you, no doubt, have already been inspecting your flock, picking out one or more winners from it.

While the club membership shows the names of many breeders, there are a goodly number who have not yet joined us and to all these I extend on behalf of our Club, a cordial invitation to associate themselves with us.

Our annual meeting will be held in Chicago during the Chicago show, in Jan. The Chicago Associations have been very liberal in offering a large list of excellent cash specials, and these put together with those offered by our club members and the handsome silver cup that is offered by the club will be worth striving for, in addition to the honor of winning at such a show and the annual meeting. We hope that all regular exhibitors at meetings previous to this, and the many new ones, we know have birds, but for some reason have been holding back, will compete for these and help make this our most successful meeting.

Our club also gives a silver cup to every State having ten or more breeders, which only the breeders of that State can compete for, and their names must be enrolled before the premium list for show, where competition is held, is issued. (The club specials at Chicago go to breeders of any State but names must be on the list before the premium list is issued, same as for State cup.) A number of breeders joined us too late last season to be eligible under the above rule. See to it, that such is not your case this season.

Membership fee is \$1, which is also the amount of dues. Our valuable catalogue can be secured for a two cent stamp from the Sec'y.

W. C. DENNY,  
Rochester, N. Y.

**An omission**—I see by Review, that you have not given me credit for third place on S. C. Brown Leghorn cockerel. In Toronto; I got the prize and have the ticket in my possession, W. E. Pollock, Norwich, Ont.

## 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.

We beg to inform the many readers of the Canadian Poultry Review, that Mr. J. F. Crangle having resigned the position of manager of our poultry plant, we have secured the services of Mr. H. A. Nourse, of Barre, Mass., as superintendent of our poultry interests. He is well known as a successful breeder and judge throughout the great poultry field, from which he comes, and is highly recommended by the foremost and best known breeders of that section, and all our customers can well rest assured that their wants will receive the same strict care and attention that it has always been our custom to give them, and we trust to hear from all our old customers as well as scores of new ones.

We have a large stock of thoroughbred standard birds of barred and white Plymouth Rocks, Cornish and white Indian Games, Pekin Ducks and Mammoth Bronze Turkeys, all bred from winners at such shows as Boston, New York, Toronto, Hagerstown, etc. We shall be pleased to quote prices and give any other information desired, regarding exhibition birds, first-class breeders, etc., and prices will be found very reasonable. Fishers Island Farm, Box L, Fishers Island, N. Y. See their new ad., on second cover page.

The Star Incubator Co., are using our ad. columns for the first time, and solicit a share of Canadian business.

The "Prairie State" advertisements are models of neatness, and always sure to draw attention to the merits of this well-known machine.

Geo. H. Stahl advertises a 200-egg incubator for \$12. Warranted to do the work.

The Morgan Incubator is manufactured right in Canada, and the maker claims for it the title of "best and cheapest." Send for free catalogue.

A. Hill advertises "the whitest P. Rocks in Canada."

Gus. A. Langelier can give pointers to most advertisers, his new ad. is well worth perusal.

Way Bros., have been "making history" for several years in silver and golden Dots, and their recent purchase of all Jas. Arthur's silvers, places them in a unique position to supply A. 1. stock.

Bigner's buff Leghorns are winners, and he has stock for sale.

Josiah McKay has a grand lot of young stock in buff and barred Rocks, either breeding or exhibition stock.

Geo. Elliott offers some selected birds of good quality, cheap.

L. T. McGivern breeds a high class lot of game Bantams, and has birds of various colors for sale.

R. H. Essex' buff Rocks are well-known, on both sides of the line, as winners and producers of winners. He has young and old birds, fit to win, for sale.

Jno. Ramsey, the white Leghorn specialist, has cockerels and pullets of high quality for disposal.

N. H. Smith has still a lot of barred Rock cockerels and three English black Minorca cockerels for sale.

Armbrust Bros., the well-known buff Leghorn breeders, take a yearly ad. under this head to tell of their buffs.

J. F. Monck, has something warm in game Bantams. See his new ad. in "For Sale" column, under Bantam head.

Ottawa Poultry Yards' new ad. is neat and invites correspondence. They do the rest.

D. Cumming offers thirty pairs young Bronze Turkeys, from show stock, for sale.

Dr. A. W. Bell has buff Cochins that "stay buff," and this year has some that are exceptional.

Cockerels and pullets for sale at  
Reasonable Prices, from the  
**Celebrated Champion**  
Strain of

**S. C. White Leghorns**

PRICES ON APPLICATION.

JOHN RAMSAY,

Owen Sound,

- - - 12.00 - -

Ontario



The Lovell Incubator Co., of which Mr. J. F. Monck is the new manager, (note change of address to Toronto Junction), offer a line of incubators and brooders at low figures, but guaranteed to do the work. Germoloid, a sure roup cure, is also advertised by them, and many other needful articles.

Durch & Hunter, the big supply house of London, Ontario, have a big announcement of their poultry supplies in the centre two pages of this Review. This firm's business last season was phenomenal, and they look this season for a big increase, and we are sure they will get it. Write them for catalogue and prices.

London, Ont., Nov. 13, 1909.

C. J. Daniels, Esq., Toronto.

Dear Sir,—Yours of Nov. 8th, duly to hand, contents noted, in replying to same would say that the can of Lee's arrived all right; I immediately applied it as per directions, and the result was astonishing. My birds are not what you would call lousy. They get too close and frequent inspection, for that, nevertheless, it is a tedious and tiresome task to handle from 150 to 200 birds singly, and give them a thorough inspection; for you have no sooner got through with the lot, than you have to commence again. I had got through all my pens but one when I wrote you for the Killer, I applied it as above stated, next morning I examined most of the birds in that pen, but could not find hair or skin of a louse, but there was evidence of their having been there on the dropping board. Its all right, I can enjoy my smoke now, (and the fowls their rest) and let "still hunting alone." Yours, etc., B. Cordingley, Cor. Wellington and Reprint St.

## 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.

Advertisements for longer periods as follows, payable quarterly in advance:

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| Half Page .....      | 15 00   | 25 00   | 40 00    |
| One Column .....     | 12 00   | 20 00   | 35 00    |
| Half Column .....    | 8 00    | 15 00   | 25 00    |
| Quarter Column ..... | 6 00    | 10 00   | 15 00    |
| One Inch .....       | 3 00    | 5 00    | 8 00     |

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

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 2 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 30 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. Stay White, Plymouth Rocks, Empire and Fisher. 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. 601

Bantams—Fine buff, black and white Cochlin hens, at \$2 to \$3 each, all winners; 1st Pyle cock here last winter, and two fine hens, \$5 per trio, and trio chicks \$4. All must please. Write wants. Rankin Bros., Owen Sound.

Pure White Japanese Bantams.—To make room I will sell a few pairs nice chicks at \$5.00 per pair, not half value. Money back if not satisfactory. Bred from my cup winners. H. B. Donovan, Toronto.

White Cochlin Bantams.—I have several good cockerels, heavy leg feather, good shape and color, at \$2.00 each, to make room. Bargains. Send your money, and if not pleased, get it back. H. B. Donovan, Toronto.

Clearing Sale of Bantams—I have for sale, thirty-five buff Cochlin, brown-red Game, and black African Bantams. These birds are from the best stock money can buy, and will be sold at rock-bottom prices, from \$1.00, each and up; Write for full particulars. W. B. Powell, Fergus, Ont.

I still have a choice lot of ornamental Bants to sell. Polish, Japs, G. and S. Sebrights, African, both old and young. At from \$3 pair up. W. G. Murray, Strathroy, Ontario.

For Sale—A limited number of golden and silver Bantams; exhibition and breeding stock. Wm. Stuart, Goldies Mills, Guelph, Ontario.

For Sale—Fine black Africans. May hatched, \$3 per pair, cockerels, \$1.50; pullets, \$2 each, a few silver Sebrights \$2.50 a pair, pullets the same. W. H. Grout, Grimsby, Ontario.

Only a few high class birds for sale in black reds, pyles, duckwings, and black rose combs, including our winners at Toronto and Ottawa; Rook Bros., Prescott, Ont.

Having bought the entire stock of B.B. red Game Bantams of J. B. Lang, Niagara Falls, N.Y., I have some fine cocks, hens cockerels and pullets for sale cheap; also a few grand Pyle Bantams for sale. William Barr, Woodstock, Ont., Box 627.

Grand Disposal Sale of my entire stock of black Cochlin Bants. Six fine yearling hens, including 1st at Brantford \$2 each; 3 fine cockerels and 2 pullets at \$2 each; also 2 fine white Cochlin hens and 2 pullets, at \$1.50 each; also one trio Pyle Game Bants, grand station and color, \$5; also Black African and Silver Sebright Bants. If you want winners for winter shows, write at once to Arthur E. Hartley, 7 Niagara St., Brantford. Enclose stamp for reply.

For Sale—One cockerel and three pullets, white Pekins, bred from 1st cock at Owen Sound, Hamilton, Woodstock and Galt; two hens, one 2nd at Hamilton, \$1.50 and \$1 each, also black cock and pullet, \$2. The lot for \$7.50. C. R. Cumming, Galt, Ont.

Game Bantams—J. F. Monck, Crescent Poultry Yards, Toronto Junction, Ont., breeder of high class Game Bantams; black reds, pyles and white Wyandottes. 1101

Stop and Think!—12 white Cochlin Bantam cockerels; 2 white Cochlin Bantam cocks; 2 white Cochlin Bantam hens; 7 white Cochlin Bantam pullets. \$30 takes the lot, or from one to five dollars each, separately, Dominion Poultry Yards, Galt, Ont.

### BELGIAN HARES.

For Sale—Twenty-five young Belgian Hares from choice stock; well marked and good size, prices reasonable, also fine B. Minorca cockerels from imported eggs; good lobes and combs. Address, John A. Barnard, Lucan, Ont.

Belgian Hares for sale, good color, length and weight. Nice trios of youngsters cheap; also bronze turkeys and pheasants. MacEwen, Bros., Bluevale, Ont.

### 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.

### BRAHMAS.

Sherwood's Light Brahmans—Our breeding-pen, nine hens for sale at \$2 to \$3 per pair; also fifteen cockerels bred from our imported 94 1-4 point cock. Pullets later on. Sherwood Bros., Fergus, Ont. 1200

Dark Brahmans—Won every 1st and 2nd prize but one, on old and young at Berlin and Stratford Fall fairs. Thirty grand young birds, two cocks and a few good hens for sale. Chas. A. R. Tilt, Don, Ont. 1200

A Few Choice Lt. Brahma cockerels and pullets, bred from noted winners; no better birds in Ontario; cockerels, \$2 to \$5 each; pullets, \$2 each. Geo. Paine, Aldershot, Ontario.

### 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, \$4.00 each.

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

## COCHINS.

**Buff Cochins**—Fifteen cockerels, twenty pullets, grand soft even buff throughout, extra top feathering. Stevens' invincible strain direct, cockerels, \$3, pullets, \$2, will pay express if not satisfied. Also trio old birds, W. G. Murray, Strathroy, Ontario.

## DOGS.

**Scotch Collie Puppies**—A number of very grand ones, sired by imported Otterburn Conqueror ex my best imported bitches, that will be sold to bold pde 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.

## DUCKS.

**Pekin Ducks**—Won 1st prize on old, and 1st and 2nd on young, at Stratford Fall Fair. Some grand birds for sale cheap. Chas. A. R. Tilt, Doon, Ont. 1200

**Mallard Ducks**—Quite tame—grand decoys—exchange for other wild ducks, squirrels, etc. or sell at \$3 per pair. H. B. Donovan, Toronto.

**Exhibition Pekin Drakes**—Rankin strain; weight, seven and eight pounds, are of beautiful color, \$1.50 each; pair of black Hamburgs, not akin, \$3, Tamblin Bros., Orono, Ontario.

**Cayuga Ducks**—Won two 1sts, two 2nds Toronto Industrial; one 1st, three 2nds, Western Fair, London. Thirty grand birds for sale; all fit to win. Prices from \$3.00 per pair. Dirt cheap, W. B. Powell, Fergus, Ont.

## 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

**Games and Game Bantams** for sale, old and young birds, winners at Toronto, London and Ottawa, black red, brown red, duckwings and Pyles. Bargains to make room. W. Barber & Co., 212 Queen St., west, Toronto. 11.00

**Free Circular**—Now buy Games, Heath wood, Irish and Mexican Grays, Tornadoes, Irish B. B. Reds and Cornish Indians. Single express rates. C. D. Smith, L. Box 1001, N. Fort Plain, N.Y. 101

**Exhibition Games and Game Bantams** for sale. B. B. Reds and Pyles of the highest quality. If you want high class stock for breeding or show purposes, write me. Satisfaction guaranteed. A. J. Grigg, Jeweller, Clinton, Ont. 201

**Pit Games**—Selling out, all of my Pit Games; cocks, hens, pullets and cockerels, cheap, a great chance, for some one Write and get prices, Chas. A. Frank, Waterloo

**For Sale**—Choice cockerels and pullets in black reds, pyles and brown reds. Game Bants of the same varieties, bred from the best imported birds, G. S. Oldrieve, Kingston, Ontario.

## GEESE.

**Embden Geese**—Won 1st prize on old and 2nd prize on young, at Stratford Fall Fair. Some grand large birds for sale. Young geanders weigh from fifteen to seventeen pounds each, and were late hatched. Chas. A. R. Tilt, Doon, Ont. 1200

## HAMBURGS.

**For Sale**—Pair of golden pencilled Hamburgs, \$2, one G P Hamburg cockerel, \$1 three R C R. Leghorn cockerels, \$1 each. Silver Wyandotte cock. Henderson and Billing-strain, \$1, Tamblin Bros., Orono Ontario.

## HOUDANS.

**Five Houdan Cockerels**, for sale at \$3.00 each, D. C. Trew stock, also blue Andalusian cockerels, \$1 each, N. Cosh stock, Dominion Poultry Yards, Galt.

**Are you looking for rich, dark, young Houdans;** good in feet and crest. I have them for sale, and can give you some bargains in them. W. E. Pollock, Norwich, Ontario. 101

## LA FLECHE.

**One pair old, two pairs young** La Fleche, two elegant Langshan cockerels, ten Spanish hens, or will exchange for Dorkings or white Rocks, J. H. Warrington, Cornwall, Ontario.

## LANGSHANS.

**Langshans For Sale**—Cock winner of first this fall, for \$3.00, first cock at Western Fair, price \$5.00; fine cockerels from \$2.00 to \$5.00, R. McCurdy, 176 Oxford St., London.

**Black Langshans**—Won all 1st prizes and all 2nd prizes, on old and young, at Berlin, Stratford and Galt Fall Fairs. Fifty grand young birds; one cock and a few hens for sale. Chas. A. R. Tilt, Doon, Ont. 1200

## LEGHORNS.

**For Sale**—8 S. C. B. Leghorn cockerels, direct sons of the 1st cock at New York at \$2.50 each. Other fine birds at \$1, pullets 75 cts. 7 White Rock hens, \$5.50. H. F. Becker, Waterloo, Ont. 101

**Chance for Soap** in rose comb brown and single comb white Leghorn cockerels and pullets from first prize stock. Write for particulars. F. H. Breckinridge, Warkworth, Ont.

**For Sale**—S. C. W. Leghorns (Knapp strain), one cock, thirteen hens; also few grand cockerels and pullets; fine layers, some prize winners; cheap considering quality. Lack of room forces me to part with them. Write for prices J. A. McLean, Lancaster, Ont.

**Prize Buff Leghorns** for sale, in cocks, hens, cockerels and pullets; birds supplied for the hottest competition. Have been winning for past eight years. Write us, we can suit you. Armbrust Bros., Armbrust, Penn., U.S.A. 11.91

**For Sale**—My entire stock of rose comb brown Leghorns. A number of prize winners among them, including, 1st cock and 1st hen at London, last September. Will sell cheap, and in lots to suit purchasers. Thos. McMullen & Son, Asylum, London.

**Leghorns**—Buff, black and R.C. white, old and young birds; twenty buff pullets by lots of two or more, \$1 each; black, same price. Show birds at very reasonable prices. W. G. Murray, Strathroy, Ont.

**Duckwing Leghorns** for sale; bred from imported stock Eggs in season, Wm. Dick, Echo Place, P.O., Brantford, Ont.

**For Sale**—Two pens buff Leghorns for sale, 5 birds in each pen (Spry & Mlek, and other noted strains), prize winners amongst them; \$5 and \$6 per pen. G. T. Knight, Box 25, Guelph, Ont.

**For Sale**—Single comb, white Leghorn cockerels and pullets, Knapp strain. Also black Hamburgs and white Japanese Bants. All A. 1, stock. Write, Greig & Barnsdale, Stratford. 201

**For Sale**—I have some choice single comb white Leghorn cockerels (B. G. Smith strain), for sale cheap. Satisfaction guaranteed. Write for prices, Perry F. Doupe, Kikton, Ont.

**Single Comb Brown Leghorns**—Twelve cockerels at one-fifty, five dollars for four. Order them, I will ship them, you send money if they suit. Gus. Langeller, Quebec.

**S. C. Brown Leghorns**—We have some of the finest birds we ever owned in this line, and can give you bargains in nicely striped cockerels. Imported stock, W. E. Pollock, Norwich, Ont.

## MINORCAS.

**Northup'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. Northup, Box 478, Raceville, N.Y. 401

**For Sale**—B. Minorcas of the highest quality, 5 cockerels and 20 pullets to make room. Also a few whites. R. C. Ferguson, G.T.R. Stratford, Ont. 1200

**Only a few Cockerels** left from that grand pen of black Minorcas, imported from Abbott Bros., England. Your money back if not satisfied, E. R. Frith, Maxville, Ont.

**Single Comb Black Minorcas**—Nine cockerels at \$1.50 each, or \$3 for four. I don't want any money before you see them. Gus. Langeller, Quebec.

**For Sale**—Five choice black Minorca pullets, (full sisters) bred from prize winning stock. Also cock and six hens. A good bargain; stock guaranteed. Benson Smith, Iroquois, Ont.

**White Minorcas**—Hens, cockerels and pullets, Jerome's and Osborne's strains. Will be in the winnings at the winter shows. If you want any, write, W. G. Murray, Strathroy, Ontario.

## ORPINGTONS.

**Orpingtons**—Only a few birds not sold, (black), five hens, one cock, (imported), five cockerels, ten pullets, from \$1 to \$3 each, Brewster, Compton, Quebec.

**Buff Orpingtons** from Englands best, took three 1sts, three 2nds, two 3rds and Bronze Medal at Toronto Industrial; some choice stock for sale, imported by, Wm. K. Kerr, East Toronto, P.O. 101

## PHEASANTS.

**Pheasants**—I have about forty English and golden Pheasants for sale. Write for particulars to G. A. Mayhew, Maple Terrace Pheasantry, Thamesville, Ont. 1200

## PIGEONS.

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

**Jacobins, all Colors**—Winners every time shown. Pouters, all colors. White Fantails, odd hens in this variety fit for any competition. Please enclose stamp. Chas. Massie, Port Hope, Ont., Box 202.

**Blue and Black Pouters**—All fine, well marked birds, at give-away prices; birds hatched this season, \$1 a pair, mated breeders, \$1.50 a pair, Geo. Paine, Aldershot, Ontario.

**For Sale**—Black Fantails, \$2.50 a pair, black Carriers, (1900), \$3.50, white Owls, \$3, black Jacobins, \$3; white Jacobins, \$3.25, blue Dragon cock, \$2.00; nairor Tumblers, \$2.50, mottled Trumpeters, \$2, black wing Turbits, \$3; red Magpies, \$2.50; white Homers, \$2, red buff-legged Tumblers, \$3.50; Abyssinian Cuckles \$1.50 a pair, Belgian Hares, Stamp, G. W. Nahrgang, Palmerston.

**PLYMOUTH ROCKS.**

**For Sale**—Some fine white Plymouth Rock cocker's, pullets and yearling hens, cheap for quality, to make room; can also mate birds not related., Harry Martin, Coldwater, Ont. 1200

**White Rocks**—Just six cockerels left, at \$1.50 each. You run no risk, as I ship them before you send money. Gus. Langeller Quebec. (See large add.)

**Buff Rocks** exclusively; some fine cockerels and pullets for sale, Mrs. Logie, Eglinton, Box, 51.

**For Sale**—I have some nice young white P. Rocks, U. R. Fisher's famous strain that I am selling at \$1 each, H. McCallum, Simcoe, Ontario.

**Plymouth Rocks**—Forty barred Rocks for sale; cockerels, Hawkins Royal Blue strain, medium, good and extra specimens, \$1.50 to \$3 each; also fine lot of Thompson's ringlet pullets, \$1 to \$2 each, write for feathers, I can please you, if not, you get back your money, A. F. Munchee, Ingersoll, Ontario. 101

**Barred Rocks**—Only 15 cockerels left. Some Gardner strain, \$1.50 each, or 4 for \$5; assorted shades, for breeding pullets or cockerels. I will ship them before you send money. Gus. Langeller, Quebec (See add.)

**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.

**Build your own incubator**—Plans and full instructions, \$1. W. Travis, 477 East Queen St., Toronto.

**For Sale**—Prairie State Incubator, (39-egg size), Wilson Grain Mill, Evans Vegetable Cutter, Mann's Mortar. All in first-class condition. Will sell cheap, Walter Porter, Brantford.

**SALE OR EXCHANGE.**

**For Sale or Exchange**—Five No. 1, S. white Leghorn and 10 S.B. Leghorn cockerels, white Wyandotte cockerels, 10 B. Rock cockerels, 3 white Cochin cockerels, 2 Partridge Cochin cockerels 5 black Minorca cockerels and three cockerels and 10 pullets dark Brahmas 3 pairs buff Brahmas. All imported stock from America and Abbot Bros., England. Apply to H. Provost, 27 Des Jardins, Malsonneuve, Quebec. 1200

**For Sale or Exchange**—S.C. snow white Leghorns that can win in any company. Stock for sale. Eggs in season. Write for prices. Dr. R. C. Coates, Thames ville, Ont. 101

**For Sale or Exchange**—Light Brahma golden Poland cocks; dark and light Brahma white Cochins, brown Leghorn cockerels, golden Sebright cock, Pekin Ducks, want dark and light Brahma pullets, black red and duckwing Game, black Langshan, golden Sebrights, jed pyle Bantam pullets, must be good. G. W. Nahrgang, Palmerston, Whitby, Ont.

**For Sale Cheap**—Cockerels—2 silver and 3 golden Wyandottes and 1 light Brahma Hens, 8 light Brahmas and 4 S.S. Hamburgs, W. J. McLean, Walters Falls, Ont.

**Will Exchange** three white Wyandottes, cock, (Hawkins, hens, (Massey), for pair thoroughbred white Holland Turkeys, silver-laced Wyandotte cockerels, (Arthur) \$1 each. E. Gilson, Wheatley, Ont.

**For Sale Cheap**—One cock and 1 hen silver Game Bantams, or exchange for Scotch Collie or Irish Terrier pup, John Hawthorne 41 Dundas St., Brantford, Ont.

**For Sale or Exchange**—One pair silver duckwing Bantams, 1 white Rock cock, show birds, 8 brown Leghorn cockerels, 6 white Rock cockerels, at \$1 each, J. B. Woodhall, Thedford, Ont.

**For Sale or Exchange**—Six white Wyandotte cockerels and pullets; 10 light Brahmas—hens and pullets; 2 white Rock and 2 golden Wyandotte cockerels; 1 trio of white Minorcas; 1 trio of Andalusians, will sell cheap to make room, or will exchange for golden Wyandottes, black Minorcas, or white Rocks, Senior and Greive, Exeter, Ont

**For Sale or Exchange**—First Dominique cock at London; also A. 1. hens, cockerels and pullets, also 3 nice silver Wyandotte hens; 2 G.B. Polish pullets, and some grand young Cayuga Duckets (females) cheap, or exchange for colored Dorkings, white Cochins, Indian, or duckwing Games. Geo. Bogue, Strathroy, Ont.

**For Sale or Exchange**—Buff Orpingtons, imported direct from England; black Langshans, brown and white Leghorns. All first class birds, prices right. Walter Taylor, Wingham, Ont.

**Exhibition Stock For Sale and Exchange**—Golden, silver, laced Wyandottes; brown Leghorns, buff Bants, \$1.50 a pair, must sell, want room, pair golden Sebright hens, \$6; want black Cochin, black African Bants, 2 buff Wyandotte cockerels, pair silver Polish, one white Minorca cockerel, \$2 each; want Cochins and dark Brahmas and Wyandottes; 3 red cap cockerels, \$2 each; want hens or pullets; 3 buff Cochin cockerels, \$2 each; want barred Plymouth Rocks, James Postlethwaite, Goderich, Ont.

**For Sale or Exchange**—Buff Wyandottes, and Rocks old and young stock cheap, to make room; or exchange for R.C.W. Leghorns, (females), W. J. Green, Stroud, Ont. 101

**VARIOUS.**

**For Sale**—To close out Best pen 24-egg Cochin, best pen Houdans, best trio Dark Brahmas best pair Light Brahmas, best pen R. C. Brown Leghorns, best trio S. S. Hamburgs, first-class exhibition stock. Reasonable price. Write, U. Bonneville 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, Onaca, 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. 1200

**A Grand Lot of barred and white Rock cockerels, also Partridge Cochin and white Leghorn cockerels** very cheap if taken soon. W. W. Reid, Ayr, Ont. 110

**Notice**—Some excellent stock for sale.—English Red Caps, open-laced, silver Wyandottes; few last season's breeders at greatly reduced prices. G. W. Kinder, Box 238, Strathroy, Can. 901

**The best I ever had.** Fifty white and brown Leghorns and white Rocks. Winners for winter shows. Thomas Rice, Box 375, Whitby, Ont.

**For Sale**—R.C. brown Leghorn cockerel Toulouse Geese and Pekin Ducks, dirt cheap, send postal for prices. R. J. Gracey, Wellandport, Ontario.

**We will sell at half price** this month to make room, 25 barred Rocks, 10 partridge Cochin, 10 golden Polands, 10 black Pekin Bant cockerels; also a few pullets. Order now and save money, Wilson & Sons, East Oro.

**White Leghorns—White Wyandottes**—Cockerels bred from excellent egg strain of high-scoring stock. To make room, will sell for \$1 each. C. T. Stephens, Collingwood, Ont.

**For Sale**—Two cockerels, white Leghorn, 2 cockerels, black Minorcas; 2 cockerels, 1 cock, S.L. Wyandotte, at \$1.50 each, A. 1. birds, A A Burgess, Drumbo, Ont

**One Dollar Each**—Light Brahmas, buff Cochins, dark Brahma hens, Dominique Cockerels black Minorca cockerel and hens. Write for description and breeding. Byron Robinson, Wheatley, Ont.

**Indian Game Cock**—First Sherbrooke, black Minorca and white Wyandotte cockerels and pullets from my prize winners at Sherbrooke, Quebec and Montreal. Imported Indian Runner ducks. E. C. Parker, Compton, Que.

**Graham's Golden and White Wyandottes** and white Leghorns are as good as the best. Old and young birds for sale at tempting prices. A. W. Graham, nurseryman and fruit-grower, St. Thomas, Ont.

**For Sale**—Trio buff Leghorns; imported cock, one hen scored 93, other not scored, \$5 Cock; 3 hens of buff Wyandottes, \$5; all A. 1. stock, Robt. Phipps, Grimsby, Ont.

**For Sale**—Pair white Cochins trio buff Brahmas, trio light Brahma, trio Langshans, fifty barred Rock pullets, \$1 each, satisfaction guaranteed or money back. One hundred first prizes two last seasons. Willson Bros., Seaforth, Ont.

**For Sale**—100 buff Rocks, buff Wyandottes and Langshans, bred from New York and Ontario show prize winners. Eggs in season. T. H. Scott, St Thomas, Ont. 201

**Langshans and Bantams**—The choice of Rev. Mr. Kenrick's Langshans must now be sold, he being unable to keep them in St. John. Also some Japanese Bantams. Address J. W. Smith, Port Hope, Ont.

**Notice**—Eight first class buff Leghorn hens; 6 black Minorca cockerels, \$1 each. Also (1) top, red cap and silver laced Wyandotte stock for sale. Geo. Kinder, Strathroy, Ont. 901

**Great Bargains** in barred and buff Rocks, white Wyandottes, Cornish Games brown Leghorns, golden Sebright Bants, Pekin and Rouen Ducks, all farm raised, James Motheral, Drumbo, Ont.

**White Guineas** and buff Cochin Bantams, \$2 per pair; W.C.W. Polish Bantams, \$3 per pair. Dayton Murphy, Wellington, Ontario.

**White Rocks**—Silver, golden, white Wyandottes, Hamburgs, Houdans, Cochins, Langshans. Want white Cochin and light Brahma pullets, birds won 30 prizes on \$2 entries, R. Lawrie, Wolverton, Ont.

**Exhibition Birds** for sale, in yearling cocks and cockerels, hens and pullets in white, and brown Leghorns, white Minorcas, white, golden and buff Wyandottes, Cheap, Medd Bros., Constance, Ontario.

**Now is the best time to buy**, and get good stock in black red, pyles, duckwings, brown red Games; black Minorcas and Spanish, Brown Leghorns; S.C. black Poland; barred Rocks, Langshans, S.S. Hamburgs, black red duckwings and Pyles, and Sebright Bantams, Write T. Bonneville, Danville, P. Q. 501

**For Sale**—High class B. P. Rock breeding cockerels \$2.00 each, one yearling cock, (having strain) \$3.00. Several splendid light Brahma cockerels and one yearling cock, pure bred good stock, \$5.00 each, J. N. Coler, Hepler, Ont. 1200

**For Sale.**—Our culls are gone. Will now sell choice stock in following: G. Wyandottes—1 cock (Blake's winner), cockerels and pullets; R. C. W. Leghorns—1 cock, 6 hens, 6 pullets; R. C. add S. C. B. Minorcas—cockerels and pullets, also Pekin ducks. Want S. L. Wyandottes. Switzer & Metcalfe, Riceville, Ont. 1200

**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. 1200

**Clearing Sale.**—Thoroughbred fowl of the following varieties: Pekin ducks (Rankin strain), bronze Turkeys, white China and Toulouse geese, a few light Brahmans, also silver grey Dorking cockerels, from direct imported stock; winners at Sherbrooke and Ottawa (wanted, young white China gander). Write for prices. Rowland Ness, Howick, Que. 1200

**Pen Buff Rock Chicks**, fully matured. Pullet, 2nd Industrial. Trio white Wyandotte chicks, fully matured. One buff Cochlin pullet, forty white Rocks, twenty light Brahma Bantams, standard birds. Elseise, Guelph. 201

**For Sale.**—Fine yearling buff Rock cock, and 4 grand hens, Higgins' strain, including 1st and special pullet at Guelph, last winter; also some excellent silver, white, and black Wyandottes, cockerels and pullets; 1 big dark colored Houdan pullets and 2 cockerels; 3 black Cochlin pullets; also black Java pullets, bred from Hicknells' New York winners. We guarantee everything as described. Geo. Bogue, Strathroy, Ont.

**For Sale.**—S.C. snow white Leghorns that can win in any company. Stock for sale. Eggs in season. Write for prices. Dr. R. C. Cates, Thamesville, Ont. 101

**Just a few select B.P.R. and black Minorca cockerels** to spare. Just as represented or no sale. Also one large black Minorca cock from imported eggs. We never had a bird sent back. S. M. Clemo & Co., Welland, Ontario.

**For Sale.**—Very fine golden Wyandotte cockerels and pullets; also rose comb Leghorns, cockerels and pullets, bred from winners at our leading exhibitions. Haven't time to exhibit this winter. G. S. Oldrieve, Kingston, Ontario.

**For Sale.**—Buff Leghorns and buff Wyandottes; cocks, hens, cockerels and pullets. Write for wants, see Review for prize list. James Dundas, Deer Park, Ont.

**For Sale.**—Ten Houdan cockerels; six Houdan pullets and three hens; also five B.P. Rock cockerels, and three white Leghorn cockerels. All these are A. 1. stock. Trow & Williamson, Lindsay, Ont.

### WYANDOTTES.

**White Wyandottes.**—A grand lot of May and June cockerels from 1st Industrial cock, at \$2 to \$5 each. Can supply pullets also, same price. Chas. 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. 801

**Golden Wyandottes.**—A splendid lot of cockerels for sale, also silver Wyandottes, Arthur's best strain. Write for particulars. R. Sanders, Box 22, Ealing P. O., London, Ont. 101

**White Wyandottes.**—A grand lot of May and June cockerels from 1st Industrial cock, at \$2 to \$5 each. Can supply pullets also, same price. Chas. Massie, Port Hope, Ont.

**Prize Winning golden Wyandottes** for sale; cockerels, Kellar and Moon strains, \$1 to \$2 each; pullets and yearling hens, \$1 each. Write for particulars. Wilber Lemon, Lynden, Ont. 1200

**Buff Wyandottes.**—One fine trio, \$5, priced before at \$8; one grand pair, \$3.50. A bargain. Write for wants; I can satisfy you. H. J. Cook, Box 324, Woodstock, Ont.

**I Won** on my white Wyandottes this fall: Uxbridge Fair, 1st cock, 1st hen, 2nd cockerel, 1st pullet. Markham, 2nd cock, 1st and 2nd cockerel, 1st pullet. Woodbridge, 1st cock, 1st and 2nd cockerel, 1st pullet. Young stock for sale. J. W. D. Cooper, Stouffville, Ont. 101

**Jas. Arthur**, breeder of high class silver Wyandottes, winners at Canada's greatest shows. Several cockerels, from \$2 to \$5 each; also 2 Plymouth Rock cockerels, \$2 and \$3 each. Address, 731 Lorne Ave., London. 101

**Golden Wyandottes.**—The best in the land; cocks, hens, cockerels and pullets. 27 birds to sell at \$1 and \$2 each. Geo. Palne, Aldershot, Ont.

**Three Silver Wyandotte** yearling hens, out of imported stock, at \$1 each; also extra choice white Wyandotte cockerels, hens and pullets, at \$1 and \$2 each. Geo. Palne, Aldershot, Ont.

**White Wyandottes exclusively.**—Bred from stock scoring 92 to 96 points; B. G. Smith, W. J. Gordon, Kettlewell; C. F. A. Smith. Other leading strains represented. Choice young stock, from \$1 to \$3 each. West-end Poultry Farm, N. G. Davis, Clinton, Ont. 201

### 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.

**Wanted.**—Sixty or 100-egg incubator, Cyphers preferred; second hand and in good repair; also brooder, Alfred Backer, Brussels, Ontario.

### TOO LATE TO CLASSIFY.

**For Sale or Exchange** for incubator; 6 dark Brahma hens; 10 light Brahma hens, old and young; choice. Carling Bros., Exeter, Ontario.

**For Sale.**—The finest lot of black Cochlin Bantams ever offered in Canada, took up my winnings at Toronto, London, and the Ontario, for the past three years; also some of my winning black Wyandottes and mottled Javas. T. J. Kiley, Aylmer West, Ont.

**Bantams.**—Some fine hens in buff, black and white Cochins; our best breeders \$2 to \$3 each; 10 white pullets, \$1 each; cockerel and pullet, \$3; from Ontario winners. Must dispose of our piles. Write for particulars. Rankin Bros., Owen Sound.

**Cockerels and Pullets** in Minorcas, white and buff Leghorns, red-caps, Rocks; buff Wyandottes, \$1 to \$3 each; African and Sebright Bantams, \$3 per pair. A. & T. Readwin, Guelph, Ont.

**Fifteen Black Muffed Tumblers.**—As I will not be breeding Tumblers in the future, will sell these birds at a very low price; also one red Jacobin cock, one black Trumpeter cock; one white Trumpeter hen; two pairs of Show Homers; one pair Archangels; one pair blue Fantails; one pair of black wing Turbits, and one blue cock. One pair of blue Owls. These birds must go out in time to make room. Will exchange for offers in pigeons and white Fan cock, and Nun hen. Address, Roy E. Willis, Seaforth, Ont.

**Will sell at a sacrifice.**—Cockerels and pullets; S.C. brown Leghorns, "Forsyth" S.G. Parkings, sired by cock, second at Ottawa, September 1900; satisfaction guaranteed. C. W. Palliser, Campbellford, Ont.

**Golden Wyandottes.**—Three cockerels for sale; bred from pullet winning 1st Boston, 2nd New York, 1900. Also red and black Pled Pouter chickens, J. H. Magill, Box, 192, Port Hope, Ont.

**For Sale.**—Pekin Ducks, \$2.75 a pair; Drakes, \$1.75 each; weight, 9 to 11 pounds each; pearl Guinea, at \$1.75 a pair. Stamp, G. W. Nahrgang, Palmerston.

**For Sale.**—Jersey cow, four years old, with pedigree; for particulars, write G. W. Nahrgang, Palmerston.

**Colored Dorkings.**—We have them right. After years of careful breeding, will spare several cockerels and pullets, fit for any company, well matured, George Anderson, Welland Station, Ont., References, Clemo & Co.

**Just a few select B.P.R. and black Minorca cockerels** to spare. Just as represented or no sale. Also one Lefel barred Rock cock. We never had a bird sent back. S. M. Clemo & Co., Welland, Ont.

**For Sale.**—Some grand birds. One pair W. C. Black fowls, one pair or trio chicks, one pair Silver Black chicks, one pair Golden B. fowls and one Buff I. Polish hen. One pair old and one pair young Black Hamburgs; one pair old and one pair young Black Sumatras; three S. S. Hamburg cockerels and one pullet. I am selling off cheap to make room.—Victor Fortier, St. Jerome, P. Q.

**For Sale.**—Barred Rock cockerels and pullets (Velch Strain) took three first prizes, Goderich, 1900, also Golden Wyandottes two seconds. Prices reasonable.—R. Lennox, Goderich.

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