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THE CANADIAN POULTRY REVIEW
 DEVOTED TO
POULTRY, IN ALL ITS BRANCHES



PUBLISHED BY H. B. DONOVAN.

VOL. XIV.

58½ VICTORIA STREET, TORONTO, JANUARY, 1891.

No. 1.

NEW HAMBURG POULTRY, PIGEON & PET STOCK ASSOCIATION,
NEW HAMBURG, ONT.

First Annual Show

JANUARY 13, 14 AND 15, '91.

Two Competent Judges. Entries Close January 10th. A good list will be offered and every one treated well.

COME AND BRING YOUR BIRDS.

APPLY FOR PRIZE LISTS TO

CHAS. F. ERNST, President.

LOUIS PEINE, Secretary.

Montreal Poultry, Pigeon & Pet Stock Association

THE ANNUAL EXHIBITION

—WILL BE HELD IN THE—

Victoria Armoury Hall, Cathcart St., Wednesday, Thursday & Friday,

JANUARY 28, 29 AND 30, 1891.

JUDGES { SHARP BUTTERFIELD, Poultry.
I. B. JOHNSON, Pigeons, Etc.

For Prize List, etc., address—

J. H. CAYFORD, Secretary, Box 1168 Montreal, Que.

Guelph Poultry Association, Guelph, Ont.

ANNUAL EXHIBITION,

FEBRUARY 2, 3, 4 AND 5, 1891.

GOOD LIST, COMPETENT JUDGES.

For Prize List, Etc., apply to

JOHN COLSON, Secretary, Box 462 Guelph, Ont.



THOMAS HALL,

Outremont, Montreal, P.Q.

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—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-like diseases, Bad Moulting, Bad Fledging, Weak Young Pigeons, Chickens, Turkey or Chicks, &c. For General Unhealthiness in Birds, either young or full grown. Skin diseases, Inflammatory diseases, Colds, with great difficulty of breathing. Indigestion, Cramp, 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 Overlaying. For Scour or Diarrhoea in Chickens, young Pigeons, Turkeys, &c. 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.

WARDSVILLE, Ont., Jan. 1877.

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

SEAFORTH, Ont., Oct. 6th, 1886.

Sold in Packets for 25 Cents and One Dollar.—James H. Cayford, Box 1168, Montreal. Agent for Bowmanville, District. T. M. Hern, Box 124, Bowmanville, Ont.



PEN OF HOUDANS OWNED BY J. FORSYTH, OWEGO, N.Y

THE CANADIAN POULTRY REVIEW

DEVOTED TO A POULTRY, IN ALL ITS BRANCHES

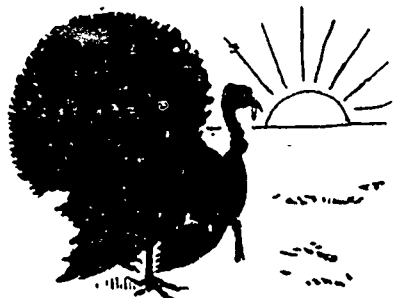
PUBLISHED BY H. B. DONOVAN.

Vol. XIV.

58½ VICTORIA STREET, TORONTO, JANUARY, 1891.

No. 1.

TALE OF A TURKEY.



CHAPTER I. CHRISTMAS MORNING.



CHAPTER II - CHRISTMAS NIGHT.

THE REVIEW

Wishes all its readers a very happy and prosperous New Year.

Is now in its fourteenth year.

Is lusty, vigorous and rapidly growing in influence and importance.

Hopes the winter shows may all be successful, and lead to an increased interest in pure bred fowls.

Is sure Mr. Babcock's articles will be worth an entire year's subscription.

Would like to see more Quebec exhibitors show in Ontario, and more Ontario exhibitors show in Quebec.

Hopes that at future shows, all birds may be shown singly except in breeding pens.

Expects to meet the "chronic kicker" at some of the shows.

Thinks that honest criticism is far removed from "kicking."

Hopes all exhibitors may, under all circumstances keep their tempers and act as gentlemen.

Hopes the "sneakels" may roll in.

Thinks that the number of new names just placed on our books, should pay our advertisers.

NOTES AND COMMENTS

MR. C. H. HALL,

OF King, has lately built a poultry house with fifteen large pens, the divisions being of wire netting. He also has a frost-proof house for his early chicks, 25x12 feet. The total cost of buildings, etc., we understand, was over six hundred dollars.

OUR ILLUSTRATION.

We give this month a fine engraving of a pair of Hoopdans, the property of Mr. J. Forsyth, Residence Poultry Farm Owego, Tioga Co, N.Y. The birds therein represented are said by competent judges to be some of the best ever seen in America. It is a pity this useful fowl is not more bred.

A TREAT FOR OUR READERS.

We are happy to be able to announce that we have arranged with Mr. H. S. Babcock, of Providence, R.I., for a continued article on "Poultry Breeding" during the coming year. The first part appears in this month's REVIEW, and from a glimpse we have had of future chapters we may safely congratulate our readers on the treat in store.

MR. C. J. DANIELS,

Toronto, has been appointed the Can-

adian agent for the sale of Mann's bone cutter.

THE EASTERN ONTARIO ASSOCIATION.

Mr. Geddes, the Secretary, writes us under date of Dec. 16th:—

A special meeting of the Eastern Ontario Poultry and Pet Stock Association was held in the City Hall, Ottawa, on Thursday, Dec. 11th, there being a large number of members present. After the minutes of the previous meeting were read and approved and several communications read by the Secretary, the prize-list was taken up and it was decided that the following classes be added to last year's list:—Golden Wyandottes, Indian Games and Embden Geese, and that classes be made for Geese and Ducks hatched in 1890. A committee was formed to canvas for specials, and \$50 was voted towards the special prize list. It was decided to hold the next Exhibition during the first week in February and that J. Y. Bicknell, of Buffalo, be engaged to judge all classes." We wish you a "bumper."

MR. LOWDEN,

of Montreal, and a member of the Association there, was in Toronto on Dec. 22nd, and we had the pleasure of quite a long chat with him. Mr. Lowden states that the last show of this Association was a grand educator, and has resulted in most pronounced good.

MR. W. BARBER,
Toronto, has bought from Mr. W. Likens, Franklin, Pa., eighteen black-red and pyle Game Bantams, some of Mr. Gill's noted stock.

MR. J. JEFFREY,
Bowmanville, was in the city on Dec. 11th. We had a long chat over Ontario matters, and Mr. Jeffrey states that they have been greatly handicapped by the withholding of the Association books by the late management in St. Catharines. We can say without injustice that now some decisive steps should be taken to recover these books, and would beg to remind our friends both in Bowmanville and St. Catharines that the Government requires an annual report of the proceedings of the Association and a statement of its financial affairs. Let nothing be done to endanger the placing of the grant among the annual estimates.

NEW HAMBURG ASSOCIATION.

Returning from a visit to the Brampton show late at night, while in the car we were accosted by a well-known voice: "Arn't you Mr. Donovan?" "Yes; and you are Fred Goebel." So it turned out to be, and a hearty hand-shake resulted. We knew Mr. Goebel some nine or ten years ago when he was living in Mitchell and breeding fancy pigeons. We then lost sight of him until lately we heard he had returned from the South, where he had been living, and was now residing in the stirring town of New Hamburg. Mr. Goebel is an active member of the local Association, and he has permitted us to make public the following announcements:

(1). Colored Dorkings have been added to the list, both single birds and breeding pens.

(2). The Game classes should read—black-red, brown-red, duckwings, pyle

and Indian Game and not as it now appears.

(3). Change special for the "ten highest scoring cockerels, to score not less than 95½, etc.," and substitute "six highest scoring, etc."

(4). The white varieties, as they lose bloom so quickly, will be judged first.

(5). No charge will be made for entrance for special prizes; a right good idea. The show will be held in a large factory near the main street, and the building will probably be lighted with electric light. We invite a large entry for our friends' first show.

MONTREAL POULTRY AND PIGEON SHOW.

This Society, which was the first to start the scoring system, has secured the services of Mr. Sharp Butterfield, one of Canada's own judges, to score the birds at their coming show, to be held on the 28th, 29th and 30th of January. A hearty welcome is extended to all fanciers.

MR. P. HART,

Belleville, has bought from Mr. Geo. G. McCormick, London, some more of the winners lately advertised in our columns namely: The first prize white Wyandotte cock at Hamilton and two hens, also two nice buff Cochin hens. Mr. Hart is to be congratulated.

MR. A. C. HAWKINS,

the well-known Plymouth Rock breeder of Lancaster, Mass., has recently shipped 52 fine fowls to Buenos Ayres, S.A. Mr. Hawkins has sold many winning birds in Canada during the past ten years, and reports the finest lot of chicks this season he ever raised.

MR. JOHN A. NOBLE,

Norval, has purchased from Mr. E. Strike, England, two Indian Game hens.

IMPORTING FOWLS.

We have received so many letters from parties who have imported fowls from England and the United States, and owing to improper Customs entries have had to pay duty on them that we have had prepared a number of certificate blanks from a form approved of by John Douglas, Esq., Acting Collector of Customs, Toronto, whereby any one importing pure-bred fowls for the improvement of stock will have no trouble in passing Custom's entries when the proper regulations are carried out. These certificates must be signed by the shipper, so ample time must be given to allow of blanks reaching the consignee.

LET THE CHILDREN IN FREE.

Why don't our Poultry Associations have a school children's day and permit the youngsters to see the "chicken show" free of expense. The Associations would be nothing out of pocket, in fact rather the other way, as we are sure many parents would accompany their "hopefuls" if the latter were presented with free tickets of admission. Set aside an hour or two on one day and hand the teachers tickets inviting the scholars to be present. The children of to-day are the men and women of to-morrow, and who knows how many energetic breeders might thus be developed.

WELL DONE, NEW HAMBURG!

At the last moment we hear from Mr. Goebel to the effect that Andalusians have been added to their list (except breeding pens,) and that the Association is offering a \$20 silver cup for the best exhibit in the Spanish class, all varieties, a first to count three points, second two points and third one point.

LIGHT BRAHMA CLUB.

The annual meeting of the Club will

be held in Charleston, S.C, on January 15th, at 6 p.m. Several matters of importance are to be brought forward for discussion and action.

OWEN SOUND SHOW.

Owen Sound's next show will be held on February 3rd, 4th, 5th and 6th, and the officers confidently expect that this show will be the largest and most successful one ever held by them. Mr. I. K. Felch, the veteran dispenser of the red, blue and yellow, is to score all exhibits, and as we understand this will be Mr. Felch's last judging season, the opportunity will doubtless be grasped by many who have never had their birds scored by "Uncle Isaac" before.

All prizes at past shows have been paid in full, and as the Association has got an increased grant from the town council this year, a like course may be confidently expected.

A large special prize will be offered for the exhibitor making the greatest number of entries, the amount we are as yet unable to state, as the Association is still collecting for it. A prize of \$5 will also be offered for the best incubator.

A NEW ASSOCIATION.

Under date of Dec. 4th Mr. C. W. Vahey, International Bridge, writes us: "At a meeting held here on Tuesday last an association was formed, to be known as the International Frontier Poultry Association, with the following list of officers:—President, Peter E. Miller; Vice-President, Geo. S. Pearse; Secretary-Treasurer, C. W. Vahey. Executive-Committee—G. T. Goode, H. Emrick, W. Dunn, C. S. Jackson, Edward Nettle, E. E. Riselay. Owing to the fact that there is to be no poultry exhibition in Buffalo this winter, and having received encouragement and promise of support from the many fanciers of Buffalo and vicinity, we have

decided to hold a three days' exhibition during the month of January, 1891. The dates will be the 27th, 28th and 29th. Prize lists will be ready for distribution about 1st of January, and every effort will be made to give the matter thorough publicity, and we hope that with the advantage of location and a substantial prize list to bring together most of the prominent breeders of Canada and the United States."

This should be a grand location for a successful international show, and we trust fanciers on both sides of the line may freely support the Association's first effort. The pens are to be fronted with wire, and the exhibition hall illuminated with natural gas. An innovation is that refreshments are to be served. Feed exhibitors as well as their exhibits, as it were. But we presume it is too much to expect that the former will be catered for free. How would a special prize for the exhibitor consuming the largest amount of provisions do, Mr. Secretary?

GUELPH SHOW.

The Guelph Association will hold its next show on February 2, 3, 4 and 5th. From the past record of this Association exhibitors and their birds may look forward to being treated in the best possible manner.

THE MCKINLEY BILL.

Some of our U.S. friends have been greatly exercised over the imposition of 20 per cent. duty recently imposed under the working of the above-named act.

We would refer those who have paid the duty to the free list, where are enumerated, "Birds, and land and water fowl." What could be plainer? We think a refund of duty paid could easily be got if the meaning of this clause were properly put before the authorities.

Does it take the poor innocent Canuck to teach the shrewd Yankee his business? Surely not.

A LIFE JUDGE.

It is not often such an honor as the above is conferred on frail mortal, but the East Kent Agricultural Association has placed our old friend, Mr. S. Luscombe, of Chatham, in that envied position on the poultry section.

BRAMPTON FEAST.

On the evening of Dec. 19th at the Revere House, Brampton, the following gentlemen sat down to a sumptuous repast prepared by the genial host, Mr. Kennedy: Messrs. Jas. Foster, H. Roberts, S. Carter, W. Findlay, W. Mitchell, J. Anderson, J. W. Jessop, J. Tomalin, R. Johnston, Brampton; W. A. Wright, Richmond Hill; L. G. Jarvis, Port Stanley; Jas. Main, Milton; J. Dilworth, W. Barber, T. A. Duff, W. Fox, E. J. Otter, C. R. Bache, C. J. Daniels, E. F. Doty, Toronto, and many others whose names have at the moment escaped us. Appropriate speeches were made by J. Dilworth, J. Foster, L. G. Jarvis, Secretary Roberts, J. W. Jessop, W. Findlay, Jas. Anderson and some others.

AN UNPLEASANT DUTY.

Secretary Roberts stated that Messrs. J. Y. Bicknell, of Buffalo, N.Y., and Sharp Butterfield, of Windsor, Ont had been engaged to judge, and Mr. Roberts proved by reference to correspondence which he read at the meeting that these gentlemen had accepted the judging appointment, but had for various reasons backed out of their contracts, leaving the Association at the last moment with the birds in the Hall and *no one to judge them*. After a great deal of trouble and much expenditure in telegrams Mr. L. G. Jarvis was induced to

take the majority of the classes and the other gentlemen mentioned in our brief report, the remainder.

Such conduct on the part of the judges is most reprehensible, and they owe an apology both to the Association and exhibitors.

There may be some excuse for Mr. Butterfield, as it was announced in last month's REVIEW that he was leaving for British Columbia to fill a judging engagement.

MR. JARVIS COMPLIMENTED.

All present at the convivial gathering expressed satisfaction at Mr. Jarvis' judgment and hoped to see him back another year.

MR. D. G. DAVIES,

Toronto, we are sorry to say, cut his hand badly with a knife, which has incapacitated him for work for several days.

CANADIAN POULTRY FOR ENGLAND.

On Dec. 12th Dr. Ferguson, the member for Leeds and Grenville, stated that fifty tons of geese and turkeys were ready for shipment for England, and that by the end of next week the quantity would be doubled.

CANADIAN EGGS IN ENGLAND.

A cable letter to a Montreal paper says:—"The last consignment of Canadian eggs for this year reached Liverpool to-day and were landed in good condition from the steamship Lake Huron. The lot consisted of 100 cases, and each of the cases contained 1,400 eggs. An idea of the popularity of Canadian eggs in England may be gathered from the fact that since the passage of the McKinley bill by the United States Congress, there has been landed in England by the various steamship lines running from Canada, 1,000 cases, or a total of 1,400,000 eggs, and these have met with a ready sale at remunerative prices. Your correspondent made a tour of business houses dealing in provisions, and the consensus of opinion among the proprietors was that the Canadian egg trade is now established on so

firm a basis that were the McKinley bill repealed to-morrow Canadian eggs would still be shipped and sold in England in as great and greater quantities than at present. It was further added that even were the United States in a position to take all the product of the Canadian hen, the English dealer would certainly ask especially that the English trade be not diminished. There is practically an unlimited demand for this branch of Canadian produce, and the future expansion of the trade is not so much a question of what the market demands as of the capability of Canadian produce shippers to supply the demand. Taking into consideration, therefore, the large amount of eggs already shipped in such a short space of time to England, their ready sale and increased demand, the total of the export for the next season will be many thousands of cases and many millions of eggs.



MORTIMER'S MONTHLY MORSELS.

BY F. A. MORTIMER, POTTSVILLE, PA.

NATURE has made some men tall, and laziness has made them short.

When starting in the poultry business, look before you leap.

A good name in poultry breeding can only be obtained by constant study, hard work and strict honesty.

Unless provision is made for green food, a grand rule is to have your chicks hatch out about the time young geese come.

Liberal feeding means liberal profit. Fowls scantily fed, pay scanty profit. Neglect means loss of what you do give them. As a rule, feed well or kill the flock.

Poultry feeding can be made an auxiliary to other pursuits without infringing upon the time of the keeper, and will bring in a handsome return for the food and care given them.

Now is the time to get your incubator in shape, it is time to buy one if you do not own one. It will give you lots of pleasure. The process of hatching and raising without hens is easily accomplished with proper care, and suitable apparatus, a good incubator and good brooder.

You may not know it, but wheat, if fed largely, gives the yolks of the eggs a pale color. Good yellow corn gives the good golden color so much prized by good housewives. We do not approve of feeding much corn, but a little has a good effect in this way, besides giving the variety which is appreciated by the fowls.

No permanently successful attempts at poultry raising are recorded where crowding of the fowls was practiced. One hundred fowls to the acre seems to be the limit of safety with experienced poultry men. A good range in summer is absolutely essential to the health and vigor of the fowls.

In purchasing pure breeds it must not be forgotten that it is important to buy good stock. The careful breeders have much difficulty in keeping their flocks separated and pure, and cannot sell at low rates. Then again, buyers of eggs must bear in mind that when they order eggs they do so for the purpose of procuring stock and not eggs particularly, and consequently there is no comparison to be made between buying eggs for stock and eggs for the table. As to the prices let anyone go to the trouble of keeping pure breeds, and bringing them up to the highest

degree of perfection, and he will not object to paying a fair price for a sitting of eggs for the purpose of securing good stock. Not only do we expect them to hatch as well as the eggs laid by the hens at home. They must be shipped to long distances, handled carelessly by expressmen, but though such difficulties are in the way, yet eggs can be shipped to long distances successfully. What we wish to state is that buyers should not expect too much. Six chicks from thirteen eggs is not an unfair hatch, and in the majority of cases the breeder will do his best to please. Poultry breeders are not the bad men that many picture them. They have many obstacles in their way and a great many persons to please.

Foul legs are caused by the hen trailing in wet grass, not keeping the house free from droppings, or by walking in mud. The dust adhering to the legs is cemented by the wet. In other words it is the result of filth. It is said not to be contagious, but at any rate the same cause that produces it in one produces it in the entire flock, forming scabs on the legs and feet, producing large protuberances which harbor vermin.

Cleanliness is one of the most important items in the successful keeping of poultry. The droppings should be removed from the house every few days, mixed with an equal portion of dry soil, and stored away for future use. They make one of the best fertilizers and made fine in this way become very profitable for garden use.

The disease germs of cholera in chickens are seldom, if ever taken up by the air and carried any considerable distance—to produce the malady. The virus remains in the fixed form,

and is generally, if not always taken into the body with the food. It is distributed over the grounds, feeding places, in the excrement of the affected fowls, and the food, drink and soil are thus contaminated. Healthy birds may be kept in coops a foot from the sick ones, for months without contracting the disease—but if the former are now placed in the same enclosure with the latter they sicken in a few days.

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POULTRY BREEDING.

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

NO. 1.

INTRODUCTORY.

IT is the purpose of the writer to discuss in a series of short papers some of the more important topics connected with the breeding of poultry. While these papers are intended to be connected together by a thread of thought, yet it will be attempted to make each complete in itself.

The wide-spread interest in domestic poultry justifies such treatment of the subject. While the value of poultry products is not so great, perhaps, as that of some of the largest agricultural productions, yet their value aggregates many millions of dollars, sufficient in amount to make the poultry industry one of the great industries of the country. But if it be granted that some branches of live-stock business represent more capital, and their products are valued at more money, it is certain that more people are interested in the production of poultry and eggs than in any other branch of live

stock raising. The few, comparatively speaking, though very many in actual numbers, breed horses, cattle, sheep and swine; but the many breed poultry, not only on the great ranches and on the lesser farms, but in the villages and cities fowls are kept in large numbers by numerous people. Just what is the proportion of poultry keepers to the whole community, or to those engaged in any other branch of live stock raising, is not known, and could only be ascertained by a careful census taken upon different principles from any yet taken. But common observation will convince anyone that poultry raisers make up a very large part of every community, and are greatly in excess of those who raise other live stock, save in the purely agricultural districts, and even there, where other stock is kept, fowls are usually also kept.

Such treatment, is also, justified by the great interest which attaches to the principles of breeding. Such subjects as variation, heredity in breeding and the like are worthy the study of scientists, the imagination of philosophers, and ought to, in a popular form, interest the humblest breeders. Such men as Darwin, Spencer and Wallace have not deemed the study of domestic poultry beneath them; and practical philanthropists and legislators like Gladstone have found time to recommend poultry as one of the sources of national wealth, surely lesser men-serving this day and generation in the sphere for which God has fitted them, ought to care for a subject which is a means of livelihood to many, and a source of wealth to their native land.

The United States annually pays tribute to Canada in a very handsome sum for her poultry products, and yet, under the influence of better instructions, such as the poultry press is supplying, the poultry products of Canada can be greatly increased.

Whether we view the subject of poul-

try breeding from the side of its pecuniary value, or from the point of the number engaged in it, or from the interest which attaches to the problems of life, we find it one worthy of serious study and careful attention and free discussion. In what I shall present I do not offer anything very new, but I hope to set old truths in new lights, so as to re-awaken an interest in their teachings. Truth is as old as Creation, and we are discovering it bit by bit; we are also forgetting it little by little, and need to have our memories jogged now and then to retain the truth that we long ago discovered. And then, too, the primary class begins its instructions every year, and what is stale to the veteran is often fresh to the beginner. If the veteran finds these articles dull, let him repress his yawn, and consider them written for the beginner. But I really hope to keep the attention of the veteran, for in these articles I purpose to ask some questions that the wisest men have yet failed to definitely answer. If there is any one of the veterans who can answer them, let him step to the head, for the scientific gentlemen of Germany, England and America have long sought the answers, and have at best but guessed at, not answered, the riddle.

If I succeed in my attempt I shall mingle, in fairly good proportions, theory and fact, principle and practice, so that there will be a little of something for all. But I ask the patience of the reader and the suspension of his judgement until the last of the series is completed. Then, the work, though it be but a fragment of the great whole of the subject, invites his criticism, in order that the writer may join the class of learners and become instructed as well as attempting the task of instructing.

STRAY FEATHERS.

AVERAGE of many analyses, made by some of the best chemists, up to 1889, show for fresh clovers and their hays the following proportion of the constituents in question:—

	Water	Ash	Lime	Phosphoric Acid
	per ct.	per ct.	per ct.	per ct.
Red Clover, fresh	82.7	1.41	.44	.15
“ hay	16.1	6.30	2.00	.67
White “ fresh	80.5	1.43	.43	.18
“ hay	16.5	6.11	1.84	.78

Lime was found in excess of every other

ash constituent, excepting potash, exceeding even that in the white clover.

None of these analyses failed to show a considerable quantity of potash, soda, magnesia, sulphuric acid, silica and chlorine present in different combinations. The amount of phosphoric acid present in clover is only sufficient to combine with part of the lime, leaving in the fresh clover only 26 per cent. and in the hay 1.21 per cent. of lime, which must exist in some other form than phosphate, even in the ash. Besides the lime and phosphoric acid found, there is in the fresh clover .82 per cent. of other mineral constituents, and in the hay 3.63 per cent. and 3.49 per cent., respectively, for red and white clover.—*Poultry Yard.*

Let your object be in winter to secure warmth first. Ventilation will take care of itself, and you will have more difficulty keeping the cold air out than to let it in. We have never heard of fowls dying for lack of fresh air in the winter season, but we have seen hundreds die from cold draughts of air blow over them at night, under the mistaken supposition that a ventilator must be attached to the poultry house. We call attention to this now because a number of our readers may

be building and arranging for winter, and our advice is to let all conveniences that stand in the way of warmth be discarded.—*Mirror and Farmer.*

The love of poultry-keeping prevails among a very large section of the population; and even in the crowded towns many find a vast amount of pleasure in poultry-keeping, and, in spite of the limited space at disposal, are able to obtain very fair results.

The chief evil to be guarded against in a limited space is that of overcrowding. One is apt to argue that if, say, a dozen hens yield a certain amount of profit, twice as many would give twice as much profit.

On an unlimited run this may be the case, but is quite a fallacy where fowls are penned up, or have only the run of a small garden or grass-plot. Indeed, it is far better to keep fewer than the ground will allow than to err at all on the other side.—*Fowls.*

Trade in chicks has now opened up for another season, and in this connection the matter of shipping coops plays a part, especially in the bill of express charges at the destination end. It behooves every sensible and good-hearted fancier and breeder to ship in coops that are made as light in weight as is consistent with absolute safety while in transit. “Do unto others as you would have them do unto you” is a good old time maxim and one that will apply directly in the matter here under discussion. Every breeder, as a matter of course, has his ideal shipping coop and therefore we have ours, which we will describe as best we can with the pen. In the first place we use seven cents per yard unbleached muslin. For a single cockerel we make the bottom one foot square, using half-

inch siding boards, six inches wide for that purpose. Two cleats run along the bottom near the edges on the other side. They are made of thin plastering lath. For the four posts we use selected plastering lath, the strongest and best picked from the bundle. These are cut twenty inches long, and they are notched in at the four corners of the bottom, and nailed thereto by wire nails. For the pieces that run around the top and bottom we rip one of the six-inch siding boards, making one three and one-half inches wide which goes around the tops. Now we have our frame made ready for the canvas or the muslin. This we cut the proper width and length and tack on with four ounce upholstering tacks, drawing the muslin taut as you proceed. On the top we place one six-inch wide, half-inch thick siding board and finish out with plastering lath, spaced one inch apart. The lath is nailed on with wire nails as you make the coop, while the board which admits the birds is nailed down when you are ready to ship. The board should be planed that the express sticker may be placed thereon. Such a coop weighs five pounds, with litter in the bottom and feed. In one corner of the coop is placed a tomato can, cut down, for feed and water, fastened to the post by one nail.

The above is our ideal shipping coop and breeders have congratulated us upon it everywhere. It is neat, light and business like. The same style is followed in other sizes. For a breeding pen coop, heavier posts are used by ripping a siding board in half. As express rates are high, we must study lightness of coop combined with durability and safety.—*Poultry News*.

Look at the poultry and see with what greedy eagerness the birds will eat bits of charcoal given to them and it may surprise you to know that they are not

only fond of it but it is very beneficial as well. On most farms it is an easy matter to secure the needed supply of this kind, as a large quantity of wood is annually consumed, and by sifting out the ash, the small bits of charcoal remaining in the sieve will furnish the supply. This can be done daily, or a barrel of these bits of charcoal can be secured at any time for use as needed. If the pieces are not small enough—about the size of a pea is the proper size, the larger pieces can be readily reduced with a hammer. The way to feed this is to place shallow boxes securely against the side of the house, in which the charcoal is constantly kept. After the birds have once gotten a fill of it, they will not consume as much daily as at first, but every day they will frequent the boxes and consume considerable. Where this supply cannot be depended upon for a small amount from the charcoal dealers the small broken bits can be regularly obtained in sufficient quantities. As it will absorb moisture readily, impairing its quality, when a quantity is secured, be sure to store it where it will be entirely free from wet or dampness, and it will keep in condition until used.—S. R.

While this advice is not new, it is none the less valuable, and its appearance may lead others to use it. That charcoal abounds with other ingredients of value to fowls, is demonstrated in the healthy appearance of those that are supplied with it, and with health comes production of eggs.—*Fanciers Gazette*.

Mr. H. A. Noeckel, Lansdowne, Pa. writes on the subject of shipping eggs for setting as follows:—"Now is the time to make preparations for the coming season's work, and to many breeders a little study as to the best method of shipping setting eggs would be profitable employment. Last season I

ordered five settings of eggs from a Massachusetts breeder. He has a standing advertisement a column long in several papers, and I supposed he knew his business, but to my dismay I received my eggs packed in a heavy soap box, filled with yellow pine sawdust, *tightly nailed shut*. Well, I got just three chicks from sixty five eggs, and that was three more than I expected. If there are any other so reckless of their reputation, or (to be charitable) so ignorant on the subject, I would ask them to consider the following suggestions :

1st. Eggs for incubation should never be *nailed* shut. The hammering is very liable to injure or destroy the germ.

2nd. Never put yellow fine sawdust around your eggs as it is very penetrating.

3rd. Never ship them in a *box* of any kind, as the expressman seldom stops to notice what the box contains, and is accustomed to handling them roughly.

4th. Never pack them, especially for a long journey, so that the air is entirely excluded. They need a circulation of pure air.

5th. Never turn the large end down in packing, as the weight of the yolk is apt to break the air bubble by being jarred in transit.

6th. Remember your patrons must pay double rates on the *weight* of the package, therefore make it as light as possible.

My method of shipping is to procure split cedar baskets, the two quart size for one or two settings, and the 4 quart size for three or four settings which cost about five cents each in quantities. I take a layer of fine hay for the bottom, on which I sprinkle a little cut hay. Then I crumple a small piece of newspaper around each egg, being careful to get a little hay between them to prevent concussion, laying them in their natural position—on their sides—

in the basket. I then sprinkle a little cut hay. Over this I sew a piece of white muslin, using a crooked awl to pierce the basket, and a crooked saddler's needle to draw the common white twine through. On the muslin cover I paste the following label :

PLEASE HANDLE
VERY CAREFULLY
THIS PACKAGE CONTAINS
EGGS FOR HATCHING.

For.....

I pack them in this way in ten or fifteen minutes easily, and have sent them to every state in the Union without a complaint. The basket being frail in appearance it impresses the expressman with the frailty of its contents. I have seen many styles of packing but have never seen any improvement on my simple method, except perhaps Mr. Pinckney's plan of using clover hay tops instead of hay, they being exceedingly light and brittle, and make the best kind of packing.

Possibly there are better methods of shipment, but I am well grounded in the conviction that if breeders generally will ship by the above method, good fresh eggs not over one week old, produced from well kept hens, which are properly mated with healthy, vigorous males, it would go far to relieve the poultry fraternity, from the existing unsavory suspicion of distrust, which, thanks to the many valuable poultry papers, and the integrity of the vast majority of the breeders of to-day, is being rapidly dispelled. A prominent breeder once wrote me : "I have often thought that I would never sell another egg : I do my best but the expressman *will* knock the life out of eggs." True as this no doubt is, yet the statistics of the express companies show that this method of procuring strains of poultry is increasing rapidly to great proportions, and as long as there is a chance of raising a whole

brood of thoroughbreds for less than one grown fowl would cost, the great majority of poultry raisers will take that chance—and then kick if they get left.—*Poultry Keeper.*

FRAGMENTS.

FROM REVIEW CORRESPONDENCE.

IT is intended to use this column from time to time as opportunity offers in order to bring our readers into closer personal connection with each other. Many little interesting and useful items can thus be utilized which would otherwise be lost in the mass of business and private correspondence we daily receive :

Editor Review,

Enclosed please find one dollar for my subscription to the REVIEW for next year. I would not be without it for twice the amount ; it is a first-class advertising paper. I put an ad. in For Sale and Exchange column and have already so many orders that I can hardly supply them all. Let us hear more about turkeys, for I am sure they deserve mention. The McKinley bill does not seem to affect us much ; we can get more for our eggs than ever. Some said we could not get more than eight cents a dozen for our eggs, but they seem ashamed now when I ask them how much eggs are.

There seems to be more starting in the poultry business ; the young men seem to take an interest in chickens.

Wishing you a merry Christmas and a happy and prosperous New Year, and all my brother fanciers, I remain,

Yours truly,

JOSEPH KINSEY.

Doon, Dec. 9, 1890.

(Glad to hear advertising paid you so well ; the REVIEW is spreading not alone in Canada, but the world over. Why not *you* give us your experience in

Turkey breeding. It is hard to get the turkey and water-fowl men out of their shells. Why ?

We have a very decided opinion as to the effects of the McKinley Bill. It will do Canada an immense amount of good. Eggs were never higher in price here at this season of the year than they are now. England can take all we can supply at remunerative prices, but they want a first-class article and shipped clean and in the best possible condition. The two sample letters below seem to show that the breeding of fine poultry is extending in all directions.

We heartily reciprocate your kindly good wishes.—Ed.)

Editor Review,

Enclosed find one dollar and fifty cents in payment for two subscriptions for the REVIEW for 1891, as per ad. in *Wingham Times* ; one to be sent to D. S. McCuaig and one to my address. There is quite an interest in poultry in this part of the country, and I hope to be able to secure a few subscribers to your paper. There is a poultry show talked of to be held at Deloraine in the spring. Particulars later.

Respectfully yours,

GEO. LOVE,

Ninga, Man.

(We are happy to hear from Mr. Love again after the lapse of some few years. We first had the pleasure of meeting Mr. Love at a Listowel show when that town was in its palmy (chicken) days. It shows what a hold breeding takes on a man when once imbued with the spirit.

Mr. Love is a brother of Mr. "Phil" Love, of Barrie.—Ed.)

Editor Review,

Please find enclosed — dollars to renew my own subscription for REVIEW and two new ones, which I believe will be permanent. If this is all right drop a card to your friend, A. B. F.,

A. B. Fleming, Stellarton, Pictou Co.; Thos. Stewart, Stellarton, Pictou Co.; James Maxwell, Weston, Pictou Co., N.S.

(Even far away down by the sea our friends remember us and kindly bear the REVIEW's interests in mind. Such recognition of our efforts is cheering, and now we speak entirely apart from a pecuniary sense.—Ed.)

MANN'S BONE-CUTTER.

(At our request Mr. Mann sends us the following notes on the bone-cutter manufactured by him).—Ed.)

"Mann's Bone Cutter for Poultry Food was designed exclusively for green bones as they come from the market, with meat and gristle on them. They are eminently successful for this. They are also entirely practical for dry bones, for cracking shelled corn, or corn from the cob. It does not grind or crush, it cuts the kernel into two or three pieces and makes it exactly like cracked corn. Wheat and oats go through the machine without being cut by it. The steel knives in the machine, being sharp like a plane iron, go through the corn and cob very rapidly and require very little power to run it. Clam shells and lobster shells, with or without their contents, run through the machine very rapidly and come out in nice shape for hens and chickens. It cuts meat and skins badly or not at all, unless mixed with a proportion of shell and bone, in which case there is no difficulty. Several parties are using these bone-cutters successfully for green oyster shells, but they are not as well adapted for this work as a mortar."

LONDON POULTRY AND PET STOCK ASSOCIATION.

LONDON Poultry and Pet Stock Association's regular monthly meeting was held in their rooms, Albion Block, on the evening of Dec. 18th. President W. McNeil in

the chair with a good turnout of members, minutes of last meeting read and confirmed, accounts paid, one new member enrolled. Lengthy letters were read by J. S. Niven, M.D. and Mr. G. G. McCormick on the management of Homing Pigeon Lofts, which it is the intention to establish in connection with our Association in the spring. A resolution was passed ordering the secretary to make application to the Directors of the Ontario Poultry Association for securing the holding of the show in the city of London on as early a date as is consistent with other applications previously received by them. The Secretary was also ordered to procure for the Association a copy of the "Poultry Breeder's Directory," shortly to be published by an American firm. Mr. McNeill brought up some golden and silver-bearded Polish and Mr. McCormick white Wyandottes, but owing to the amount of business to be transacted and the lateness of the hour, they were only inspected, but the opinions expressed were that if they had been scored, that the scores would have been away up somewhere about 97. They were really in excellent show fettle and will, without doubt be heard from before the show season is over. The election of officers resulted as follows:—President, W. McNeil, by G. G. McCormick and A. Bogue, re-elected for third time; 1st Vice, R. McGurdy by J. R. Niven, M.D. and R. Smith, re-elected; 2nd Vice, R. Scott by N. McLeod and G. Robson, re-elected; Secretary, R. Oke, by R. McGurdy and R. W. Evans, re-elected for fourth term; Treasurer, J. H. Saunders by C. Ashton and R. Oke, re-elected for sixth term. Directors—Col. Aylmer, J. S. Niven, M.D., G. A. Andrews, R. W. Evans, G. Robson, C. Ashton, N. McLeod, R. Smith, C. Stockwell, by J. H. Saunders and R. McGurdy, elected. Auditors—G. G. McCormick and C. Stockwell. Delegates to Industrial Exhibition and

Western Fair—W. McNeil and A. Bogue. The members received a hearty invitation from Mr. and Mrs. G. G. McCormick to a supper on the evening of the 15th of January. Receipts for the evening, \$10. Adjourned.

R. OKE,
Secretary.

TORONTO POULTRY, PIGEON AND PET STOCK ASSOCIATION.

POULTRY, Pigeon and Pet Stock Association, of Toronto, held its annual meeting on Dec. 13th at Richmond Hall, President Barber in the chair. There was a large attendance and 21 (twenty-one) new members were proposed and accepted. The constitution and by-laws were revised by the Executive committee, with the aid of Messrs. E. J. Otter and Thos. A. Duff, and with a few alterations were adopted by the members present. The auditor's report and secretary's and treasurer's reports were read, but were not attended to, and were laid over till January meeting. The prize list for competition among members during 1891 was also laid over, owing to the lateness of the hour. The election of officers then took place, which resulted as follows:—Hon. Pres., A. R. McKinlay; Pres. Wm. Barber; 1st Vice-Pres., C. J. Daniels; 2nd Vice-Pres., Major Salt; Secretary, John Gray; Treasurer, Robt. Downs; Executive Committee—John Miles, Wm. Fox, E. J. Otter, R. Bloye, Joseph Bennett and Thos. A. Duff. Delegates to Industrial Board—Wm. Barber (the President) and John Miles. Delegates to Western Fair Board—Joseph Dilworth and Thos. A. Duff. Auditors—Thos. A. Duff and E. F. Doty. We now have forty members. Receipts for evening, \$40.

E. F. DOTY,
Secretary (1890).

EAST YORK POULTRY ASSOCIATION.

REGULAR meeting of the East York Poultry Association was held in Chester on the 2nd December, the President in the chair. There was a good attendance of members. The minutes of the previous meeting were read, and adopted. Five new members were proposed and accepted, namely:—Messrs. T. Benson, Thomas Bailey, Robert and Joseph Hazelton and E. D. Otter. It was decided after considerable discussion to present silver medals, suitably engraved, to the winners of the highest number of points of the following classes:—American, Asiatics, Mediterranean, Game and Game Bantams, Hamburgs and Polands, English, A. O. V., Ornamented Bantams, Ducks, Geese and Turkeys.

There were several pairs of Leghorns brought to be scored, which resulted as follows:—R. Bloy first, 92; Bloy and Self tie, 91½ for second; C. R. Bache, judge. The annual meeting to be held in Bater's Hall, on January 6th, promises to be largely attended.

JOHN GRAY,
Secretary.

LEGHORN NOTES.

BY BLACK WYANDOT.

ENGLISH breeders are grinding out all sorts of freaks in Leghorns. We hear of pyles, tri-colors (black, white and red), mottles (black and white), duckwings and buffs.

These varieties are likely the result of crosses and can hardly be depended upon to reproduce their like with any degree of certainty.

Such crosses, it seems to me, would destroy the non-sitting trait and therefore fail to keep up this Leghorn characteristic in the new breeds. It is a well-known fact to breeders of experi-

ence that even two non-sitting breeds, if crossed, will produce sitters. We have tried this experiment and found the above to be true. Rose-comb Leghorns are much more likely to want to incubate than the older and pure-bred single comb breeds, which goes to prove that outside blood was brought in to produce the rose-combs. This outside blood was probably furnished by the golden Hamburg, which is itself a non-sitting breed.

The new colors in Leghorns will no doubt have their fanciers (especially the buffs), but there is no reason for breeders of the old established and time-tried Leghorn breeds to be fearful about these intruders in their realm.

There is no more beautiful color than that of the brown Leghorn, and the fine state of perfection to which this breed has been brought places it ahead of most parti-colored breeds for breeding true to points. They are the most valued and sought for of the Mediterranean breeds.

The whites are equally good, though not so beautiful in plumage. The Dominiques are seldom seen outside of the big shows, and there they attract little attention. The Dominique color is not suitable for so sprightly a bird as the Leghorn. The fate of the Dominique Leghorn will doubtless also be the fate of most of the "new-fangled" Leghorn breeds. It is safe to predict, however, that if a good clear buff, such as is seen in the best buff Cochins, can be bred in Leghorns and the distinct Leghorn characteristics also retained, such a breed will become popular, as buff is a beautiful and popular color, and one that always attracts attention.

SILVER LACED WYANDOTTES.

Editor Review:—

YOU are "wondering," I see by last REVIEW, if you can't get more poultry writers in Canada. Now, I have been intending to write,

but could never before get my pen to work, chiefly because my time is very much occupied, and partly because I could think of no subject upon which to write. The "Wonder" column in last REVIEW has suggested a subject.

I am sorry, Mr. Editor, that you are forced to wonder whether there are any "silver laced" Wyandottes in Canada and where they are. Being now for four years a breeder of this truly useful and beautiful variety; this formidable rival of the great Plymouth Rock, and a greater admirer of them to-day than ever before, I am the more sorry that there are so few "laced" specimens of this breed in Canada that you don't know where they are. No breed of poultry prior to the present time ever enjoyed such a "boom" as did the silver laced Wyandotte on its advent into the poultry world, and no breed ever did, and I hope no breed ever will, receive such injury from being "boomed." Made up as it is, of elements the very hardest to manage, this breed should never have fallen into the hands of any but the most judicious and honest breeders. What variety of poultry, I ask, made up like this of such strongly opposing elements, could in any short time generally reach such a high ideal as is placed before this variety when injudicious and dishonest breeders will persist, as they certainly did, in selling to beginners birds that are not silver, that are not laced and that too often are not even Wyandottes. But that "boom" is happily past and we may reasonably expect a great improvement. There are men, who are breeding this variety with great care, and they are improving them at a reasonable rate. There are most miserable specimens of this breed shown throughout the country I am forced to admit. They are very hard to breed, when you try to breed from poor ones especially, but then the Plymouth Rock was very difficult to breed only a few years ago, in fact, it is even yet.

I am convinced, Mr. Editor, that if you take good birds, I mean "silver" birds and "laced" birds and mate them carefully you will get as many 90 point birds as from an equally good pen of P. Rocks. Of course I don't mean to say that there are millions of such Wyandottes or that they are dollar specimens either, but they are beauties when you have them.

In conclusion, I would ask you to take a good fair look (you needn't use your glass) at the Wyandottes at the Ontario next month and unless I am greatly mistaken you will see a few specimens of "silver laced" Wyandottes. If you do see such birds kindly tell your readers that you no longer "wonder." You might tell them where they are to be found too, you know. Wishing you every success and the compliments of the season, I remain, yours fraternally,

J. E. MEYER.

Kossuth, Dec. 19th, 1890.

[Mr. Meyer is just the kind of man we need, and hope now his pen has found the road that its efforts may come this way monthly. We shall certainly have a good look out for silver laced Wyandottes next month and hope to see a few. There is room for them. Wyandottes were put on the market too soon and were "boomed" unmercifully, giving room for unscrupulous dealers to palm off on inexperienced buyers any kind of black and white fowl as a Wyandotte.—ED.]

SPECIALS FOR GAMES AND GAME BANTAMS.

EXHIBITION Game and Game Bantam Club of America will offer for competition by its members at the New York Show, February 4-10, 1891, the following Specials:—

For best Game Fowl, any variety, male, \$10; for best Game Fowl, any variety, female, \$10; for best Game Bantam, any variety, male, \$10; for best Game Bantam, any variety, female \$10.

S. W. DOUBLEDAY, Sec'y.

T. FARRER RACKHAM, Pres.

POULTRY MEN OF CANADA.

NO. I.



MR. R. J. GRACEY,

PROPRIETOR of the Wainfleet Poultry, Bee and Fruit Farm, Wellandport, Ont., was born on the farm on which he still resides just 25 years ago, and at ten years of age he grasped the handles of his father's plough, and has since been engaged in the successful cultivation of the soil.

Five years ago he decided to engage in poultry keeping, and commenced with white Wyandottes, R. C. B. Leghorns, Plymouth Rocks and Langshans, subscribing at the same time for the CANADIAN POULTRY REVIEW, and a few of the other leading poultry papers. From this out Mr Gracey intends giving his whole time to the study of poultry, combining therewith small fruits and bees. He has been successful in the show room, winning four firsts the first time he exhibited on pairs of white Wyandottes and R. C. B. Leghorns; and has just won three firsts on Wyandottes and four firsts on Leghorns at Dunnville show. He intends in future to breed white Wyandottes and R. C. B. Leghorns exclusively. Mr. Gracey has had a large trade and shipped birds and eggs to all points in Ontario and to Quebec, Nova Scotia, and Manitoba. His breeding house is 40 x 12, divided

into pens 8 x 9, with 3 feet passage, large yards are attached, and from 6 to 15 fowls are kept in each compartment. The hatching and brooding room is 13 x 20 divided in the centre, one part for sitting hens and the other for young chicks. The hen alone is used for incubating. Toulouse geese and Pekin ducks are also bred on the farm.

INDIAN GAME CLUB.

THE Annual Meeting of the American Indian Game Club will be held at the New Madison Square Garden, New York City, Feb. 7th, at 2.00 p. m., which date is during the Show of the New York Poultry and Pigeon Association, which is February 4th to 10th inclusive. A meeting of the "Standard" Committee and a *Special Meeting* of the Club is also called to convene at Charleston, S. C., January 16th, 1891. This meeting is *only for work* upon the new standard

All breeders are urged to enter their birds at either or both of these great shows. They have each provided classes and we should do all we can to make the Indian Games the largest exhibit at each Show. Let us make them a big class at each show.

Very Respectfully,

O. K. SHARP,

Sec'y and Treas.

Lockport, N. Y., Dec. 12th, 1890.

AMERICAN BUFF COCHIN CLUB.

Editor Review:—

ANNUAL meeting of the American Buff Cochin Club will be held during the show of the New York Poultry and Pigeon Association (Limited) at Madison Square Garden, New York City, February 5th, 1891, at eight o'clock P. M., by order of the Executive Committee. Some specials have been donated and

more are requested. A large attendance is requested as business of the greatest importance will be transacted. Revision of the Constitution and By-Laws is proposed. To the front buff Cochin breeders! Join your Club and send your Specials.

G. P. REYNAUD,
3 Bowling Green,
New York City.

PEKIN BANTAM CLUB.

PEKIN Bantam Club will hold its Annual Meeting during the show of the New York Poultry and Pigeon Association (Limited) at Madison Square Garden, New York City, February 9th, 1891, at eight o'clock P. M., by order of the Executive Committee. All breeders of Pekin Bantams are requested to join the Club, donate Specials and attend the meeting as business of importance will be transacted.

Come and boom your favorites.

G. P. REYNAUD, Sec'y.
3 Bowling Green,
New York City.

THE AMERICAN LANGSHAN CLUB.

THE Annual Meeting of the American Langshan Club is called for the evening of January 14th, 1891, at 8 o'clock, in the parlors of the Charleston Hotel, Charleston, S. C.

ROBERT SEAMAN,
Secretary.

NOTES.

MR. C. F. Wagner, Toronto, is offering at the Ontario show a silver medal suitably engraved for the highest scoring pullet bred by exhibitor, \$2.00 cash for best Andalusian pullet, and a med-

al for best Fantail shown by breeder. No entrance fee for medals, 10 per cent. for cash special.

Great Britain in 1889 imported \$2,302,872 worth of poultry. *Canada sent her none.*

Great Britain in 1889 imported 94,325,030 dozens of eggs. *Canada sent her none.*

Is this market large enough for you?



BRAMPTON SHOW.

YOUR visit here was but a brief one. The show was held in the same building as last year, the old Town Hall. The birds were well treated, but the temperature of the room was at times a little too high. Messrs. Bicknell and Butterfield, the judges engaged, having failed in their contract, the following gentlemen acted in their places: Mr. W. Barber, Toronto, took the Game classes; Mr. I. B. Johnson, Toronto, the Game and variety Bantams and Pigeons; Mr. A. W. Wright, Richmond Hill, the Turkeys, Ducks and Geese; and Mr. L. G. Jarvis, Port Stanley, the remaining classes. Mr. Barber did his work well, but Mr. Johnson, we think, would do well to stick to his specialty, pigeons. We noted a black-red bantam pullet received first in the old bird class, and the Pekins were also wretchedly judged, especially pullets. None of the bantams were scored.

No weight disqualifications were made, owing, we presume, to the early date of the show.

Leghorns were large classes and good, though the browns suffered sev-

erely for white or grey in plumage. The classes all through were nicely filled, and the quality (which the scores will show) was better than usually seen at a show of the size.

SHOW NOTES.

Some 600 birds were cooped.

Several nice Indian Games were a great attraction.

The highest scoring bird in the show was a white Minorca pullet, owned by T. A. Duff, Toronto, score 97½, followed closely by a black Hamburg, 97.

Mr. Jos. Guy, Brampton, purchased the first prize white Leghorn cockerel, a neat one.

"Grandpa" Main was in all his glory, although his gander was disqualified for a wry tail.

'Tisn't every Association that provides its judges with a body guard. Mr. Jarvis was protected by the town constable.

(Dec. 29th, no prize list yet.—ED.)

DUNNVILLE SHOW.

WE regret to learn that not nearly as many birds were shown as last year, but the classes in some instances were large, especially barred and white Plymouth Rocks and brown Leghorns. Mr. McNeil's large exhibit was much missed. We understand the local association intend trying for the Ontario show next year. The attendance as usual here was very good.

PRIZE LIST.

We regret the scores have not been supplied us.

Light Brahmas—Cock, 1st, C S Jackson,

International Bridge; hen, 1st, Robt Minto, Galt; C S Jackson 2; pullet, 1st, C S Jackson. Dark Brahma—Cock, 2nd J H Houser, Canboro; hen, 2, do. Buff Cochins—Cock, 2nd, O'Brien & Colwell, Paris Station; hen, 1, C S Jackson; 2nd O'Brien & C; cockerel, 1st C S Jackson; 2nd, R Ramsay, Byng; pullet, 1 and 2, C S Jackson Partridge Cochins—Cock, 1, C S Jackson; hen, 1 and 2 do. Black Cochins—cock, 1st, Wm Mawhinney, Dunville, hen, 1st do. White Cochins—cock, 2nd O'Brien & C; hen and pullet, 1 do. Black Langshans—pullet, 1st J H Houser Javass—pullet 1st, Hugh Crawford, Canboro. S G Dorking—cock, 1st W Mawhinney; hen, 1st O'Brien & C; 2nd W Mawhinney; cockerel, 1, W Mawhinney, 2nd O'Brien & C; pullet, 1st W Mawhinney, 2nd O'Brien & C; White Dorking—cock, 1st W Mawhinney; cockerel, 1st do; pullet, 1st and 2nd do. Banded Plymouth Rocks—cockerel 1st and 3rd J B Clark, Dunville; 2nd Hiram Bender, Niagara Falls, Ont; hen, 1, 2, 3, J B Clark; cockerel 1 and 3 J B Clark; 2nd, Leon Pequegnat; pullet, 1st and 2nd Hiram Bender, Niagara Falls, Ont; 3, J B Clarke. White P Rock Cock—1, 2 and 3rd Hiram Bender, Niagara Falls; hen 1st S M Clemo, Dunville; 2nd and 3rd Hiram Bender, Niagara Falls, Ont; cockerel, 1st and 2nd S M Clemo, Dunville, 3rd Hiram Bender; pullet 1st and 2nd S M Clemo, 3rd Leon Pequegnat. New Hamburg. Golden Wyandotts Cock—1st S M Clemo; Silver do—1st O'Brien & Colwell, Paris Station; hen, O'Brien and Colwell; cockerel, 1st and 2nd S M Clemo; pullet, 1st 2nd and 3rd S M Clemo. White do—Hen, 1st R J Gracey, Wellandport; cockerel, 1st R J Gracey; pullet, 1st R J Gracey. Black Minorcas—Cock, 2nd C H McCrae, Dunville; hen, 2nd C H McCrae; pullet, 1st C H McCrae. White do—Pullet, 1st Owen Fathers, S Cayuga. S C white Leghorn cock—1st R H Marshall, Dunville; hen, 1st and 2nd R H Marshall, 3rd Robert Minto, Galt; cockerel, 1st and 3rd R H Marshall, 2nd Peter Moore, Byng. Pullet—1st Robt Minto, 2 R H Marshall, 3 C H McCrae. Brown do cock—1st and 2nd C H McCrae; hen, 1st and 3rd Arthur Stevens, Dunville; 2nd C H McCrae. Cockerel—1st and 2nd Arthur Stevens, 3rd Peter Moore, Byng. Pullet—1st and 2nd Peter Moore, 3rd Arthur Stevens. Black Leghorn cockerel—1st Jas Clemo jr, Dunville; pullet, 1st James Clemo jr. Rose Comb brown Leghorn—hen 1, cockerel 1 and pullet 1 and 2, R. Gracey, Wellandport. B B Red Game—cock 1, Oscar Sheehan, Dunville; 2, O'Brien & C; hen, 1 Oscar Sheehan; pullet, 1, 2 and 3 do. Pyle game—cock 2 and hen 1, O'Brien & C. Indian game—cock, hen and cockerel, 1st L A Congdon, Dunville; cockerel 2 and 3 and pullets 1, 2 and 3, L A Congdon. Pit game—cock 1 and 2, David Lyons, Byng—3, James Haney & Son, Dunville; hen, 1 and 2 James Haney & Son, Dunville; 3 David Lyons; pullet, 1, 2 and 3, Jas Haney & Son, Dunville. Golden Polands—cock, hen and pullet, 1st O'Brien & C, Golden Hamburg—cock 1 and 2, hen 1, O'Brien & C. Houdan—cock, 2 O'Brien & Colwell; hen, 1 J Houser. B B R Game Bantams—cock, 1 O'Brien & C, 2 and 3 R Cameron, Homer; hen, 1st R Cameron, 2 O'Brien and C, 3 Robert Minto,

Galt; pullet, 1 and 2 R Cameron. Pyle Game Bantam—cockerel 1 and pullet 1 O'Brien & Colwell, hen 2, R H Marshall, Dunville. Duckwing Game Bantam Cock—1st O'Brien & Colwell; hen 2, O'Brien & Colwell. Sebright Bantam Cock—2nd O'Brien & Colwell; hen, 1st O'Brien & Colwell. Pekin Bantam Cock, 1st James B. Clark cockerel, 1st and 2nd S M Clemo; pullet, 1st, 2nd and 3rd S M Clemo. Turkeys—bronze—male, 1st and 2nd F Docker, Byng; female, 1st and 2nd F Docker. Turkeys—White Holland—male, 1st J H Houser; female, 1st J H Houser. Geese—Toulouse—male, 1st R J Gracey; female, R J Gracey. Geese—Emden—male, 1st and 2nd R Ramsey; female, 1st and 2nd R Ramsey. Ducks—Aylesbury—male, 1st O'Brien & Colwell. Ducks—Rouen—male, 1st and 2nd O'Brien & Colwell; female, 1st and 2nd O'Brien & Colwell. Ducks—Pekin—male, 1st C H McCrae; 2nd R J Gracey; female, 1st C H McCrae, 2nd R J Gracey. Buff Cochins Breeding Pen—1st C S Jackson. Silver Grey Dorkings Breeding Pen—1st Wm Mawhinney, White Dorkings Breeding Pen—1st Wm Mawhinney. Banded P Rocks Breeding Pen—1st Jas B Clark, 2nd H Bender. White P Rocks Breeding Pen—1st S M Clemo, 2nd H Bender. Black Minorcas Breeding Pen—1st C H McCrae; white Minorcas—breeding pen, 1st Owen Fathers. White Leghorns breeding pen, 1st R H Marshall. Brown Leghorns breeding pen—Tie, A Stevens, C H McCrae. R C brown Leghorns breeding pen—1st R J Gracey. Black-red Game breeding pen—1st Oscar Sheehan. Indian Game breeding pen—1st L A Congdon. Pit Game breeding pen—1st Jas Haney & Son. Silver Laced Wyandotte breeding pen—1st S M Clemo. Pekin Bantam breeding pen—1st S M Clemo.

SPECIALS.

S M Clemo's special, won by J B Clarke; J Y Bicknell's by S M Clemo; Wm Mawhinney's by L A Congdon; Arthur Stevens' by S M Clemo; C J Daniels' by Leon Pequegnat; Dr W H Montague's by Jas B Clarke; Jas B Clarke's by Hiram Bender.



Mr. J. H. Cayford, Box 1,168, Montreal is our Agent and Correspondent for the Province of Quebec. Any correspondence relating to subscriptions or advertising may be addressed to him.

U. S. OFFICE.

We have established a branch office at Boston, Mass. U. S. Readers will receive prompt attention to their enquiries when addressed to P.O. Box 1379 Boston.

AN EASY WAY TO GET FELCH'S GREAT BOOK.

To any one sending us five new subscribers with \$5 we will send a copy of "Poultry Culture" by I. K. Felch, value \$1.50, a book no fancier should be without. We have lots of these, books so don't be afraid the supply will run out.

BINGHAMTON, N. Y., Nov 19, 1890

This is to certify that I have this day sold James Forsyth, proprietor of The Riverside Poultry Farm, Owego, Tioga Co., N. Y., my entire stock of thoroughbred poultry, with good will, consisting of all the highest scoring birds which I have exhibited for the past three years at Rochester, Buffalo, Syracuse and all my New York winners, including in White Wyandottes, Silver King, Silver King 2nd, first as cock, also the eight birds, winners of the Gold Special, offered by the American White Wyandotte Club, for the best 2 Cocks, 2 Cockerels, 2 Hens, and 2 Pullets.

In S. C. B. Leghorns, Sir Henery and mates, winners of the Gold Special for the best Cock, and 4 Hens, also the 10 females, winners of the Grand Special for ten best S. C. B. Leghorn Pullets.

"In R. C. B. Leghorns" first prize Cock and Hen.

I have never, in my many years of breeding Fancy Poultry, been able to show such a satisfactory lot of young stock as this season, and I might suggest to all who are in want of specimens of above varieties to correspond with Mr. Forsyth in reference to the same, as I consider this stock second to none in America to-day, and as I know him to be a conscientious breeder of thoroughbred fowls, and most anxious to give satisfaction to all purchasers.

W. N. CROFFUT.

BREEDERS' ADDRESS CARDS.

W. M. SMITH, FAIRFIELD PLAINS, ONT. Breeder of all varieties of Land and Water Fowls.

J. H. RICHARDS, GODERICH, ONT. Breeder of Americas Choicest Houdans, Red Caps and Langshans, Partridge Cochins (A. Bogue's strain). Eggs from all of my breeds at \$1.50 per 12. Don't Exhibit.

JOHN HORD, PARKHILL, ONT. Breeder of 15 different varieties of Land and Water Fowls. Toulouse Geese, Rozen Ducks.

H. GODDARD, LISTOWEL, ONT. Breeder of W. & B. Leghorns, B Javass and S. S. Bants. Eggs \$2.00 per sitting or \$4.00 for 26.

R. E. BINGHAM, STAYNER, ONT. Breeder of Plymouth Rocks, Light Brahmas, and Houdans. Eggs, \$3.00 per 13.

W. S. ODELL, OTTAWA, ONT. S. S. Hamburgs and Pekin Ducks.

FOR SALE OR EXCHANGE.

Monarch Light Brahmas—Pekin Ducks, silver Wyandottes, Plymouth Rocks, Pit Games, in strong competition took special, 5 1sts, 4 2nds at Coaticook great show, open to the world. Clearing Sale. J. R. Roy, Coaticook, P. Que 12-1-2-3.

Pekin Drakes—that won at Brampton, 1st on old, second on young, for sale at reasonable prices. Also a few other fine drakes. T. Cockburn, Jr., Canada St., Hamilton, Ont.

For Sale or Exchange—two trios of black Langshans, No. 1 stock, will exchange one trio for light Brahmas or Partridge Cochins, must be good. John Duncan, Collingwood P. O. 12-2-3-4.

For Sale—a large number of barred and white Plymouth Rocks, bred direct from I. K. Felch's yards. Also some Black Spanish year old hens, and a lot of extra fine Pekin Ducks will be sold cheap for quality. Allin Bros., Newcastle Ont.

Langshans—for sale cheap, 1 cock, 3 hens, 2 cockerels, 9 pullets, \$2 each, \$25 the lot. Going out of the business, also a dark Brahma cock \$7, scored 92½, cut 3½ on weight, and a black Hamburg pullet scored 96 \$3. Jno. A. Thurston, 59 Lewis St., Toronto, Ont.

Black African Bantams—3 cocks, 4 hens, 1 cockerel, 1 pullet, \$5 a pair, lot for \$20, won four firsts, three seconds, one special. Jno. A. Thurston, 59 Lewis St., Toronto, Ont.

You can have—an S. S. Hamburg cockerel cheap now; or if you want a Pekin Drake, the best one to purchase in Wis. S. Odell, 64 Slater St., Ottawa.

Wanted—a good black Minorca cock or cockerel. Must be a first-class bird in every respect. Address, stating price, Joseph Dilworth, 170 King St. East, Toronto, Ont.

For Sale Cheap—Dandy pair of Pea fowls \$4.00. Also W. Wyandotte cockerels and Pekin drakes, standard weight, at \$1 and \$2 each, R. J. Gracey, Wellandport, Ont.

For Sale—One pair Indian Game, same strain as my birds which took first and second at Industrial Exhibition, price \$10, or would take two Buff Pekin hens or pullets in part payment; must be good birds. Also one hot-water incubator, hold 40 to fifty eggs, ready to hatch, price \$10. For full particulars address D. G. Davies, 97 Vanauley St., Toronto.

For Sale or Exchange—Two B B R Game Bant cocks, two hens and one pullet; S Duckwing Game cock; black Minorca cock and 7 hens; all good birds, fit to win and fit to breed. Cash or exchange for best quality Pyle Games, Brown R Games, Indian Games, whole colored Games or Bantams of same varieties; also for best quality grey or colored Dorkings. P.O. Box 215, Cote St. Antoine, Montreal.

Bartlett & George, Breeders of buff and partridge Cochins, Plymouth Rocks, brown Leghorns. All our stock won prizes at Western Fair, 1890. Address, W. H. F. Bartlett, 217 Nelson Street, London, Ont. 12-1.

Black African Bants.—First prize stock, for sale or exchange for Jacobin or Tumbler Pigeon, Address Box 300, Barrie, Ont.

For Exchange.—A first-class White Plymouth Rock Cockerel to exchange for another one; must be first-class; also one for sale. H. Goode, Shanty Bay, Ont.

For Sale.—Exhibition White Leghorn Cockerels, grand birds, from best stock in Canada, prices from \$3 to \$10. H. Grier, Owen Sound.

Bartlett & George—Prize winning buff and partridge Cochins, Langshan and brown Leghorn cockerels and pullets for sale. Stock unexcelled. A. J. George, 62 Clarence Street, London 12-1.

Black Hamburgs and Langshans—Exhibition and Breeding pens, singles, pairs or trios, pure bred stock, extra fine, will send C.O.D. to responsible parties. Satisfaction guaranteed. C. J. Eisele, Guelph, Ont. 12-1.

Wanted Doves—Any kind but Ring and White. H. B. Donovan, Toronto.

Quail Wanted—A pair or two of live quail wanted. Address, "Quail," care of Poultry Review Office, Toronto.

For Sale.—A large number of cockerels and pullets of the following breeds, barred P. Rocks, S. Wyandottes, S. S. Hamburgs, and W. C. B. Polish, at \$1.50 each. Mammoth bronze Turkeys (May hatch) from imported stock, at \$2.50 each. E. A. Vidal, Box 546, Samia, Ont. 11. 12. 1.

For Sale.—Only a few cockerels left, Buff Cochins, black Minorcas and white Wyandottes mated with hens or pullets to suit. 1st prize black Minorca cockerel and pullet, London, \$10. Geo. G. McCormick, London, Canada.

We have—3 fine Rose C. brown Leghorn cockerels for sale at \$2 each, or will exchange for white Wyandotte hens or pullets. Haycock & Kent, Cataragui, Ont.

Langshans—Two fine large cockerels from imported stock, make good show birds, price reasonable. Also Collie pups, from pedigreed stock. F. Hamilton, Hamilton, P.O. Ont.

For Sale—one breeding pen of brown Red Game, one cock and three hens, all will score over 92 points, price \$10, and three pair of Cayuga Ducks, \$2.50 a pair. Also some of the best Pit Games in Canada, old and young \$3.00 a pair. Will exchange any of the above stock for any other kind except Game. T. J. Kealey, 146 Oxford St., London, Ont.

For Sale—Following No. 1 Pigeons: Owls, Archangles, Swallows, Antwerps, Barbs, Dragoons, Fantails, Jacobins, Doves, &c. Also Newfoundland dog pup, a beauty, one Pekin duck, one P. Rock, grand bird, a bargain to buyer. Must be sold. H. M. Charlesworth, Owen Sound, Ont.

For Sale—1 breeding pen of black Cochins, 1 cockerel and 3 hens, including hen 1st at Detroit last winter, score 94½, price \$8.00, and 1 pair of black Cochins, cockerel and hen, \$4.00, 1 Golden Sebright cockerel \$2.00, 1 W. Wyandotte cockerel \$2.00, 1 pair of Golden Peocilled Hamburgs \$2.00, 1 fine white Cochins hen \$2.00. I shall please you or refund your money. T. J. Kealey, 146 Oxford St., London, Ont.

For Sale—2 cockerels and 13 pullets, pure bred S. C. white Leghorns at \$1.00 each. Also a few exhibition birds that I will sell reasonable. A. W. Graham, St. Thomas, Ont.

For Sale—pair of old and pair of young silver-laced Wyandottes and two pair of white Wyandottes \$2.00 per pair, cockerels \$1.00 each, all good birds. W. H. Groat, Grimsby, Ont.

Young Mammoth Bronze Turkeys—For sale cheap, from my 45 lb. Tom and 24 lb. hens imported direct from one of the leading Turkey breeders in Bourbon Co., Kentucky. Also a few choice birds hatched from imported eggs for sale. Robt. W. Cuthbertson, Belhaven, Ont.

Silver Laced Wyandottes.—An A 1 Cock, prize-winner Chicken class Western Fair, 1889, one Cockerel, diploma winner Western Fair, 1890, price \$2 each; also a few A 1 Pullets at \$1.50 each. W. G. Boug, Charles St, London West, Ont.

This Certifies I have sold W. H. Ulley, Montreal, Canada, my first prize cockerel and 2nd prize breeding pen pullets Golden Wyandottes, won at Albany Show, 1890. C. S. Mattison, Vermont, U.S.A.

For Sale.—Barbs in black and red, Turbits in blue, yellow and red, Owls in blue and white, Dark Brahmas and Black Minorcas. All these birds are first-class and show birds. C. H. Thornton, Box 265, St. Thomas, Ont.

For Sale or Exchange.—White Wyandotte cockerels, grand birds, early hatch: Golden Polands, Silver-Laced Wyandotte hens and pullets. Write for other kinds you want. D. J. Peace, Hamilton, Ont.

For Sale.—A fine lot of young Lop Ear Rabbits, cheap, also two pair Ring Doves. John Hay, Box 524, Woodstock, Ont.

Light Brahmas—for sale, 1 cockerel, 15 pullets and hens, fine birds. Coles strain. H. E. Nelles, Grimsby, Ont.

For Sale.—Silver Wyandottes and black Javas of all ages. My birds always win highest honors. See record at Toronto. Some excellent cockerels. Best birds. Best value. Try me. J. E. Meyer Kosuth, Ont.

Cheap if taken at once—Pekin Bantam pullet \$2.00, one breeding pen Light Brahmas, 4 hens and 1 cock, \$10.00, all good buds. J. G. Ford Milton, Ont.

For Sale—Red Pile Game Bantams. J. Dunbar, 679 Crawford St Toronto, Ont.

The Following first-prize winners at Hamilton. Fowls—Pair Pile Games, pair Langshans, pair Silver Wyandottes, pair Silver Sebright Bants, pair Pekin Bants, and prize winners, pair Golden Polands (bearded), pair White Polands (bearded), pair Malaya Games, pair Buff Cochins, pair Dark Brahmas, pair Light Brahmas, pair Golden Spangled Hamburgs, pair Black Hamburgs, pair Houdans, pair Silver Sebright Bants, pair Black Javas, pair Andalusians. *Chicks*—1st prize winners, pair Black Hamburgs, pair White Polands (bearded), pair Silver Wyandottes, pair Black Javas 2nd prize winners, pair Black Cochins, pair Dark Brahmas, pair Light Brahmas, pair Black Hamburgs, pair Houdans, pair Black Spanish, pair Malay Games, pair Andalusians, pair Silver Wyandottes, pair Black Javas, diploma pen Black Red Games. No fancy prices. A. G. H. Luxton, Hamilton.

Trio White Cochins, trio Black Red Bants, 2 pair White Holland Turkeys, 2 pair Toulouse Geese, 5 pair Bremen Geese, 1 pair Pea Fowls, Pekin and Rouen ducks, Scotch collies, English pug-dogs, etc., cheap. A. G. H. Luxton, Hamilton.

Myers' Royal Poultry Spice, 25c per 2 lb. package. H. B. Donovan, Toronto.

For Sale.—A few fine cockerels from my fine imported fowls, Buff, White and Partridge Cochins and Plymouth Rocks and Colored Dorkings, all grand birds. C. H. Hall, King P.O., Ont.

For Sale.—B.B.R. Game, Barber's strain, Light Brahma Chicks and Toulouse Geese from winners at Toronto Industrial, all A 1 stock. J. H. Holmes, Brown's Corners, Ont.

For Sale.—1 pair Brahma's, dark, early chicks 1 pair Red Pile chicks, 4 Black Red hens. Will be sold cheap on account of room. W. W. Meecham, St Thomas.

Incubators and Brooders.—A short treatise on management, hatching and raising chicks in incubators and brooders, by A. F. Williams, Bristol Con. Price 15c, post free. Address H. B. Donovan, Toronto, Ont.

For Sale or Exchange—Fancy pigeons, Jacobins, Swallows, Barbs and Owls, also show cages—Want White Plymouth Rocks Buff Cochins or Sebright Bantams, must be good. H. N. Hughes, Box 97, Barrie, Ont.

For Sale—Bronze Gobbler and black Cocker bitch. J. M. Carson, Box 165, Orangeville, Ont.

For Sale—1 pair Dragoons, 5 Archangles, 1 pair S. F. Tumblers, 1 white Pouter cock, 3 white Owls, 4 blue Owls, 2 white Turbits, 2 show cages, good repair. Chas. Carrie, Box 963, St. Thomas, Ont.

For Sale—Guinea Pigs in pairs or single, at \$1.00 per pair. Write for wants. Thomas Ramsay, Owen Sound, Ont.

For Sale—Eight brown Leghorn cockerels, Benner's stock, sure prize winners for winter exhibitions. Prices reasonable. John Ramsay, Owen Sound, Ont.

One Irish Spaniel dog 6 months old, 1 Fox Terrier bitch, 2 years, first-class stock; bitch white, dog, liver and white feet. He is bred from imported stock. W. W. Meecham, St. Thomas, Ont.

Game Fowls Exclusively.—Irish Black Reds, Invincibles, Tomatoes, Irish Grays, Mexican Grays, Heathwoods and Tartars, also Indian stags. Eggs one dollar. Free illustrated circular. C. D. Smith, Fort Plain, New York. 11. 12. 1. 2.

Fancy Pigeons.—Have for sale my entire lot of fancy pigeons, including Jacobins, Owls, Fantails and Tumblers. Will sell very cheap. Bruce Richardson, Box 156, Chatham, Ont. 12-12-1-2.

For Sale—A fine assortment of Caquaries, bred from best imported stock. Prices very low as they must be sold. Mrs. N. A. Loucks, Dresden, Ont. 12-1-2-3.

One Silver-Laced Wyandotte

Cock, \$5, winner of 1st at Toronto and London.

A trio of White or Laced Wyandottes, \$5.00.

Also a trio of Plymouth Rocks \$5.00.

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