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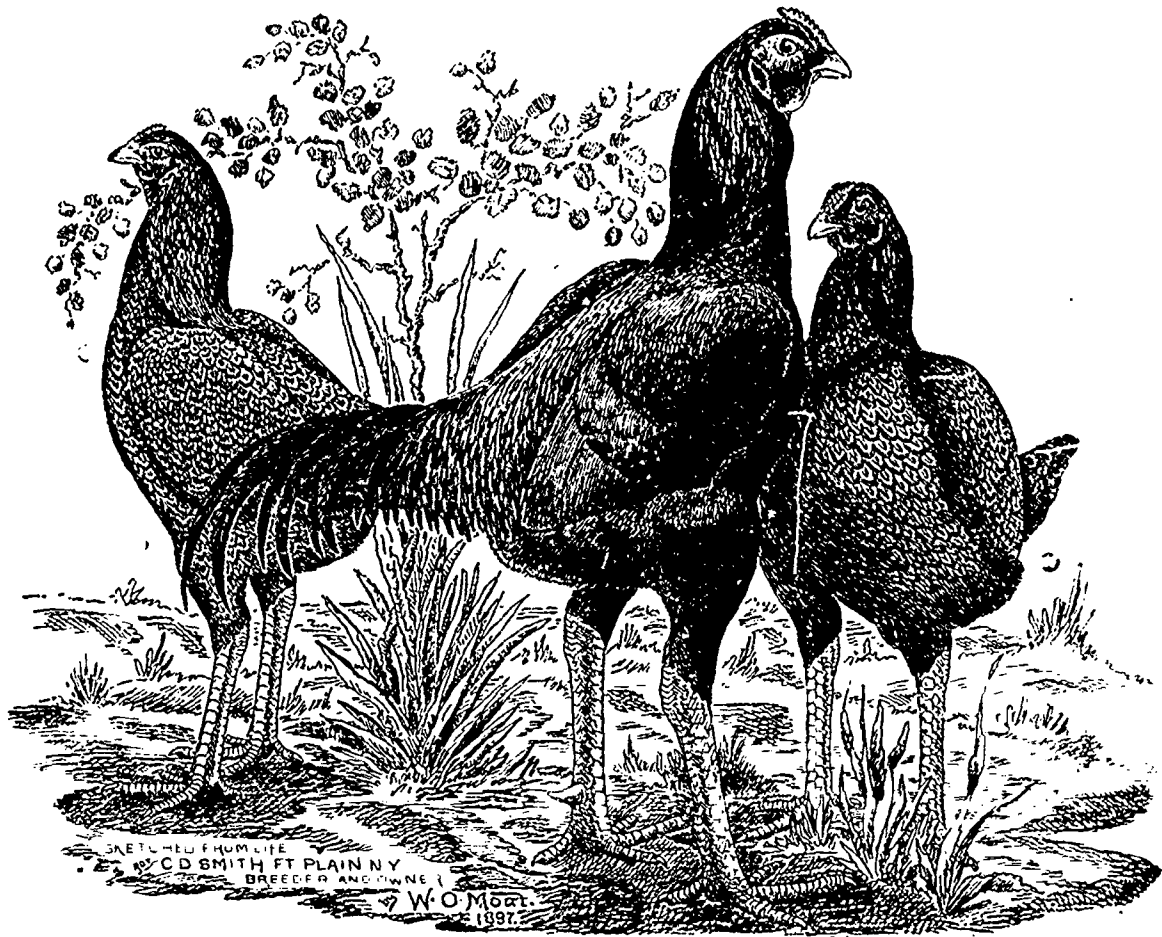
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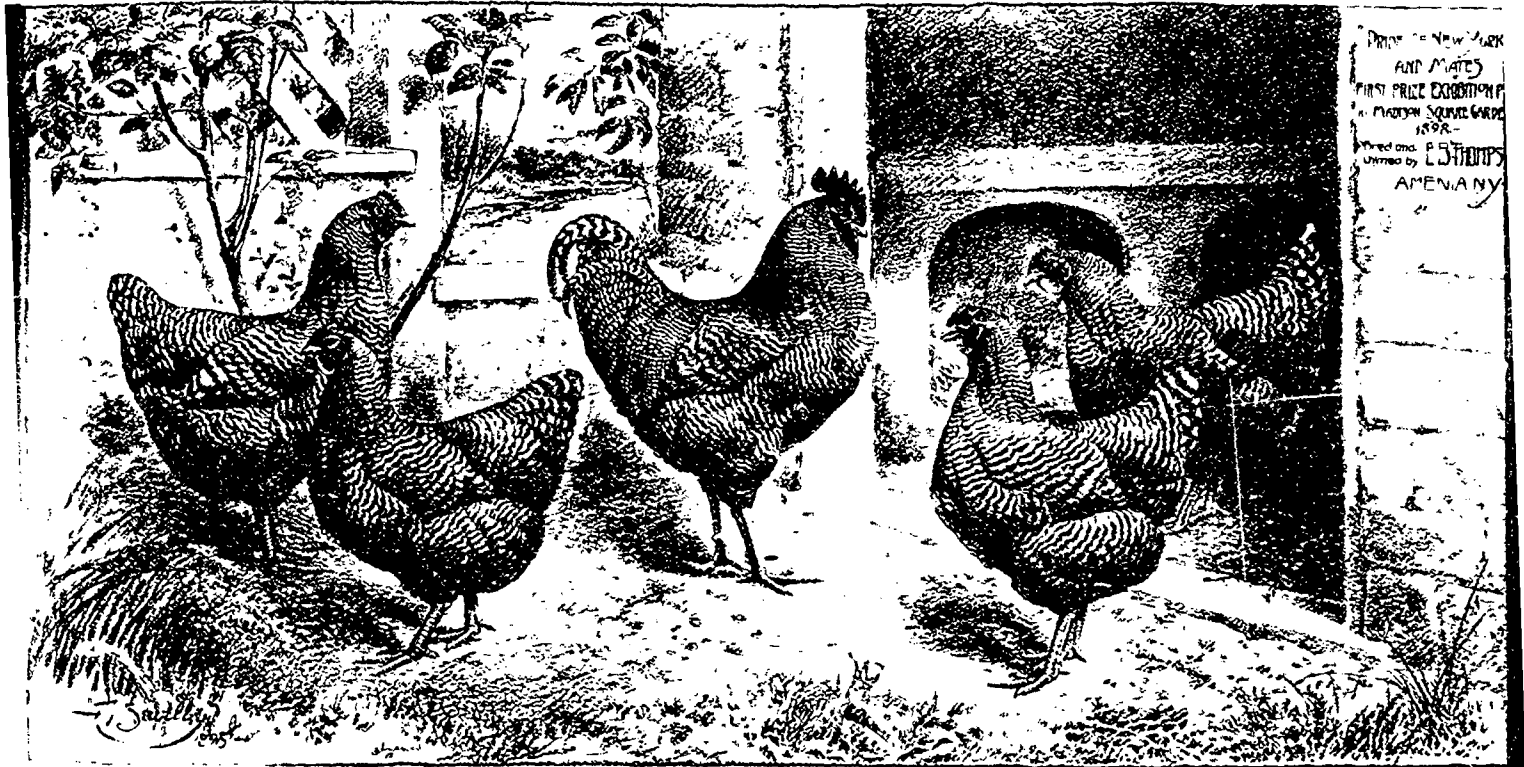
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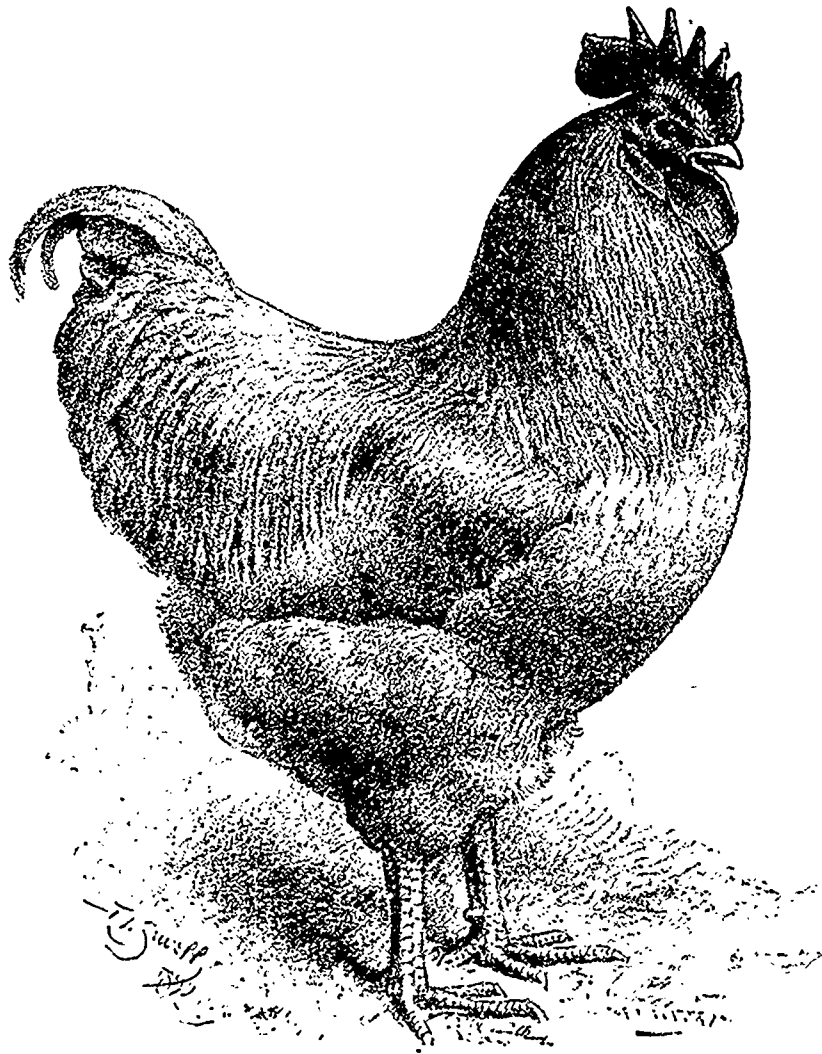
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THE CANADIAN POULTRY REVIEW

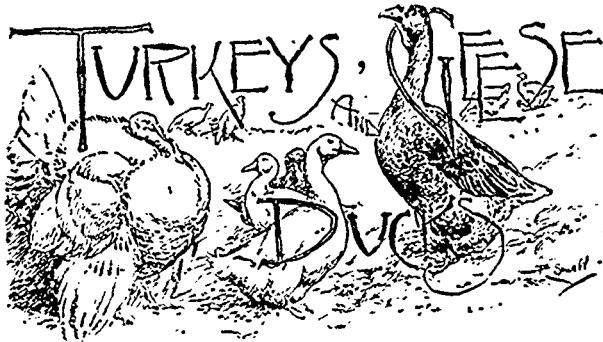
DEVOTED TO
POULTRY, IN ALL ITS BRANCHES

For the FANCIER, the FARMER, and the SMALL BREEDER

VOL. XXII.

124 VICTORIA STREET, TORONTO, MARCH, 1899.

No. 3



GOOSE BREEDING.

EDITOR'S NOTE.—We are indebted to Mr. A. A. Brigham, Ph.D., director of the Rhode Island Agricultural Experiment Station, for advance proofs of this most valuable and comprehensive article on Goose Culture, and also for procuring for us duplicates of some of the engravings to be used in connection with the Report. The copies of REVIEW containing this series of articles should be carefully preserved for future guidance. The first part appeared in November REVIEW

It must be kept in mind such goslings were NOT excessively fattened, as the weights might suggest to some persons, but rather, like Shropshire sheep, more remarkable for the immense quantity of flesh they carried than their obesity. The flavor of these cross-breeds is remarkably mild and fine. These first cross goslings must, however, NOT be retained as future stock birds, for they themselves produce young of very inferior size by throwing back (reversion). * * * The rule to be observed is, breed continuously (year after year) from the SAME old stock, which are purely descended, and kill off annually ALL the cross produce for table or market purposes. * * * It will be found much preferable for the gander to be a Toulouse and the geese Embdens than reversing the sexes, as they breed larger framed and HEAVIER-FLESHED birds, which is a most important feature." This cross produces heavy birds for Thanksgiving or Christmas, but is not so good for early maturity as a reverse mating would secure. Digby says: "If you prefer breeding from a cross, let that cross be between two pure varieties. I would strongly advise you to use an Embden gander and

Toulouse goose, or VICE VERSA, but the Toulouse being very much more prolific layers than the Embdens, frequently lay double the number of eggs in a season; consequently they are the best and most profitable to keep for this purpose, and, as they do not evince a desire to sit nearly as soon as the Embdens, their eggs may be set under hens and double the quantity of goslings may be hatched and reared." While what the last writer says about the comparative sitting propensity of the two breeds is quite true, we think he has overestimated the laying capacity of the Toulouse as compared with the Embdens. For the past two years, at this Station, the Embdens have laid 71.5 per cent. as many eggs as the Toulouse, but the number laid by either breed has not been large, and it is quite possible that with perfect liberty, egg production would be increased and the proportion changed. Of one other advantage in crossing we wish to speak. The Jews, as a race, are large consumers of geese, the fat supplying in some measure the place of lard, which they never use in cooking. For some reason, in purchasing geese in the market, they always look for a bird with YELLOW or ORANGE BILL, and a large wholesale poultry dealer states that it is almost impossible to sell a Jew a black-billed goose so long as he can find one having a light colored bill. Now it is policy for the producer to cater to the requirements of the market—to produce what is wanted and put it on the market in the most attractive style—and if a yellow bill helps the sale of stock at times, why not produce geese with light colored bills? The Africans and Brown China breeds have black bills; the other three breeds, orange, or light colored bills. Now it is a rule, almost without exception, that a white or pied (particolored) goose always has an orange or yellow bill, sometimes, however, mottled with dark color. When Africans or Brown Chinas are crossed with Embdens, a large part of the progeny will be white or pied, and, therefore, have the light colored bill. An additional advantage is the fact that white birds dress easier and look better when dressed than dark birds. By crossing the Embden and African breeds we secure in the progeny a union of the good points of both breeds. (Continued next month.)

GOOSE CULTURE.

EDITOR GAZETTE:

MY experience in breeding geese last year may be of some use to those who are about to start in this branch of poultry.

In the summer of 1897 my stock consisted of two Chinese ganders and two Chinese geese and two Toulouse and in October I added to the number two Embden and one Toulouse, making in all two ganders and seven geese, all over two years old, younger geese being very uncertain stock getters. It took some months before the strangers were received into the flock and some time longer for them to mate, the unfortunate new arrivals being kept out "in the cold," the old wives were, as usual, at the bottom of the row, the ganders doing their best to stop the tumult calling out Ki-whack, Ki-whack, which being interpreted means "Order, order," their differences were eventually settled and peace reigned. The next trouble that came was the ganders disagreed about their lady-loves, which brought on another series of quarrels, which ended in the smallest gander being knocked out of time and lamed. This was early in March and I had to put him in hospital during the whole of the mating season, much to my disgust, as I felt sure that the eggs would prove unfertile with only one gander with seven geese, but I found that the eggs were all right and that a very large proportion proved fertile, quite as many as when a gander and two geese were mated, that being the legitimate number given by all goose authorities. The Chinese gander being an active bird may account for his being so prolific. I find that the Chinese geese lay more eggs than the other breeds but not quite as large. They begin generally a fortnight sooner and continue much longer and occasionally lay a batch in the autumn. One of the Chinese geese died in May, being egg-bound, but the egg, obtained by a Cæsarean operation, produced a gosling.

Geese sit well and are careful of their young, but jealous of any interference. One morning when visiting their house I saw an Embden goose behaving in an unusual manner and found, on examination, that she was pushing with her beak, an egg which she had just laid, under a sitting goose in the next nest, after she had finished her job I raised the other goose from her nest and found twenty eggs where I had only put

fifteen. I marked the new ones and left them and when the first goslings came out I gave them to another goose whose eggs were due about the same time, allowing the first goose to remain on the nest until the second batch made its appearance, taking the goslings as they appeared.

A Toulouse goose wishing to sit gave me an opportunity of testing some eggs that were twenty-one days old but I found that it was hardly worth the trouble, that although some goslings came out and lived the greater number died in the shell.

I fed all the goslings on cut grass, clover, dandelions, small wheat, skim milk and broken biscuit, giving them a pan of water, partly filled with stones to prevent them wetting themselves, upon which food they did well, until an extremely hot spell of 80° and 90° came on, when death carried off quite a number at the rate of five or six a day. They seemed to faint or get paralyzed. I changed the food to moist bran and provender which appeared to stop the havoc. There were plenty of bushes and trees in their yard so it could not have been sunstroke. When the goslings grew bigger and about three or four weeks old I put them into a field with the old geese but had to take them back as many were tired out and in fact walked off their legs. Some died, so you see, Mr. Editor, that goose culture is not all "beer and skittles," as some of our writers wish to make out.

Distinguishing the sex of goslings is one of the difficulties to contend with. The voice is one of the plans but under a year old, unless one has a good ear for music, it is hard to say which is hoarse for a goose or which is a scream for a gander. The best plan is to drive the flock into a corner, then in most cases the ganders will face you and hiss, doing their best to protect their sisters, their cousins and their aunts.

In summer my geese have a run over the pasture but are housed at night, and in winter they are kept in a cold, dry house, thriving better than in warm quarters, as they are apt to lay too early—goslings doing best when they are hatched about the time grass begins to grow. A great many eggs went to the kitchen, not being able to get clucking hens.

I do not send you this article as a proof of success, but as an actual statement of facts of one year's experience in following a branch of poultry raising which has been much neglected, and that the errors made by me may be a warning to others. The few goslings I did raise are now hanging in the larder, weighing from twelve to sixteen pounds each.

SENEX.

[Glad to hear from Senex again.—Ed.]

THE ROUEN DUCK.

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

WHAT experience I have had in ducks has taught me that in economic merits there is little to choose between the different breeds. I believe that one breed will grow as rapidly as another and that for a given amount of food one breed will produce as much flesh as another. Although I have kept no exact statistics, have never weighed or measured the food, I have observed quite closely and the above are my conclusions. From an economic standpoint, however, there is an advantage in keeping a large breed. No one rearing for the market would be apt to adopt the lovely little Call or the exquisite little black East Indian ducks. For, while these little ducks might make as many pounds of meat for a given amount of food consumed, there would be too many of them to dress when they were to be got ready for the market. Between the Rouen, Aylesbury and Pekin, for market purposes there is little to choose.

But from a fancier's view-point, between the different breeds there is much to choose. The fancier delights in beauty, and the most beautiful duck makes the strongest appeal to him. Among ducks I do not hesitate to say that I regard the Rouen as the most beautiful, and for a fancier, who also desires size for economic reasons, this breed should receive the first consideration. The Gray Call is the Rouen in a diamond edition, and if smallness of size is demanded, this is the fancier's breed.

Consider for a moment the variety of coloring that the Rouen drake presents. A rich green head, a green neck marked with a white ring, a claret throat and breast, a green glossy black tail, and a body covering of the most delicately penciled gray, each feather of which is a work of art. And the duck is scarcely less beautiful in her pencilled brown suit, sober and yet rich in hue, and artistic in marking.

Few people really know how beautiful the coloring of the Rouen is. Not long ago a number of fanciers were in my office and I took out some body and breast feathers of a Rouen drake and asked them from what bird they supposed these feathers were plucked. These fanciers were not beginners but veterans among chickens, one of them having had, first and last,

nearly everything in the chicken line. They guessed, some that the feathers came from pheasants, some from wild birds, but not one of them the long domesticated Rouen duck. And if fanciers are so ill-informed as this, what must be the state of mind of the general public!

The Rouen is not an easy bird to breed to perfection. No bird is that, but the Rouen presents certain specific difficulties. The duck I believe to be more difficult to breed than the drake. The ducks will persist in showing a tendency towards a white ring on the neck and towards white in the flight feathers of the wing. The white ring of the drake tends to leave its mark on the female, and the white band on the wing to produce white where it is not desired. But what of it? The imperfect specimens are just as good eating as the much lauded Pekin, and fanciers are accustomed to cope with problems in breeding. If everyone could breed perfect specimens there would be no interest in breeding. What is easy ceases to be fascinating to a fancier. The Rouen presents just those breeding problems which fits it to be a fancier's bird. Pekins are too easy for a genuine fancier. He wants something to make him study when he comes to mate his birds.

We don't breed half enough ducks. Where we produce one we ought to produce several. Perhaps enough Pekins are bred, but of Aylesburys, Cayugas and Rouens we need very many more. People do not realize how easy it is to grow ducks, and still less do they realize how well the ducks will do in circumscribed quarters. If they but knew that anyone can keep them, that they can be successfully grown without water, and that in rearing them there is not a tenth of the difficulty there is in rearing chickens. I believe duck breeding would boom. And yet, a single trial will convince the most sceptical. I advise that trial, and if the person loves beauty I advise a trial with the Rouen or some other colored variety. As an illustration of the ease with which ducks can be reared I give my experience for the past season in these few words, "I raised every duckling I hatched." These were Rouens. The year before, with black East Indians, I raised every duckling I hatched, with the exception of three, killed by a hen within a day or two after the ducklings were brought off. I did not fuss with them, never dusted them for lice and never had one become droopy because of lice. With chickens it was a fight with lice from start to finish, but with the ducklings all that seemed to be required was plenty of food and water. And how they did grow! You could almost see them grow as you watched them feed. A week made a great change in their appearance. A month almost transformed them.

Try ducks once, my brother fancier, and see if the above is not the unvarnished truth.

THE DUTY THE FARMER OWES TO THE GOVERNMENT AND POULTRY ASSOCIATIONS.

BY E. H. BENJAMIN, OTTAWA, ONT.

TO some the above will seem a strange heading for a paper, but really so much has been written, published and talked about in the poultry interest that one finds it a hard matter to say anything new. Hence I take the above heading for this paper.

Some one may ask, What duty does the farmer owe to the Government and poultry associations?

I will endeavor to point out what I think his duty is to both. When a parent provides the means to educate his child for a certain profession or trade, and affords him every opportunity to acquire the knowledge necessary to fit him for the successful operation of the same, it is the child's duty to repay in some shape, it's parents' provision for his education. The same obligation rests with the farmer. The Government gives a grant to the associations, for the purpose of encouraging the poultry interests, by awarding premiums for the best specimens of the various breeds. Who are the parties that make this display? They are the fancy breeders or instructors. In schools there must be teachers of the various branches. The teachers in the poultry associations are the exhibitors and breeders. They have spent time and money in educating themselves in a thorough knowledge of the characteristics of the various breeds and bringing them to the state of perfection we see them in at exhibitions.

The breeders have also acquired skill and knowledge in the crossing of different breeds with a view to the creation of a superior layer or market fowl. But while the crossing of certain breeds in the skilled breeders' hands will give excellent results, it unfortunately happens that the crossing of breeds, as it occurs on most farms, is more a matter of accident than method. Such lack of interest and knowledge on the part of the farmer is to be deplored.

In order to know how to make good crosses the farmer and his family will require a knowledge of the different breeds. He or they have to learn how to make desirable crosses. The farmer, or member of his family, who takes up this part of his farming industry, can best and quickest obtain the required knowledge

by becoming a member or members of a poultry association, by attending the exhibitions and by making personal enquiries of those who have made poultry rearing a study, and at the same time see the result of their skill and experience in the fine specimens exhibited. A personal interview of ten or fifteen minutes with a practical breeder, will have more beneficial and satisfactory results than listening to a dozen or more lectures.

Now, I think it is the clear duty of the farmer and his family to attend these exhibitions, or schools, for through them he gains knowledge which enables him to make perfect his stock, and which in time brings in an increased revenue to him. By his attendance at the shows he proves to the Government that he appreciates, and approves of the expenditure of the money by which he obtains the required information with very little outlay on his part.

Again, the farmer by attending these exhibitions learns how to properly house and feed his fowls. He sees how useless is the happy-go-lucky way most of them adopt. He learns that by properly feeding half the quantity of food formerly used will suffice, and so this is another branch learned by attending the exhibitions, or schools. He also learns the proper method of feeding and caring for his fowls at the moulting period. I feel convinced that a great loss of stock is sustained during this moulting time by the farmer not understanding the proper treatment needed. On too many farms three months, and sometimes more, in egg production are lost, simply because every bit of the nitrogenous food they get goes to the support of life and the sending out of a new crop of feathers. Frequently the kind of nourishment supplied is not of the kind to send the feathers out rapidly, and the fowl goes about half stripped of its plumage, a dead weight and expense meanwhile.

Now, all the advantages enumerated can be enjoyed by the farmer and his family if they will only attend the annual poultry shows in his neighborhood. It is for his benefit that they receive Government aid. The object is purely an educational one. As has already been said opportunity is given for enquiry. Then lectures from the Dominion and Local Governments are presented to instruct, by addresses, as to the best breeds for egg and flesh production, how to properly house, feed, care for and mate the birds. In these different ways are the Governments striving to interest the farmers in improved methods of poultry culture, and properly cared for poultry will not only bring money into the farmers pockets but be a source of wealth to the country. The Governments have the same right, having adopted the means they have, to expect the farmer to show his appreciation of their efforts by attending the shows, as the farmer has to expect his sons and daughters to make effort to learn, after having provided for their education.

WHAT I KNOW ABOUT POULTRY.

BY JAMES ANDERSON, SPRINGFIELD FARM,
GUELPH, ONT.

IN talking to a veteran poultry breeder lately I made the remark that there was not the same amount of money made from breeding poultry as there was 20 years ago, so many more in the business now. He replied if you have the best you can always find a demand for them. And I believe he is correct, as at our recently held poultry show at Guelph I sold my prize geese and some of my prize turkeys very satisfactorily.

While inferior stock you could scarcely give away.

Now, as I am a farmer myself and have been breeding poultry for the last 38 years, I will endeavor from a farmer's standpoint to give my experience to my brother farmers and others interested what little I know about chickens, turkeys, geese and ducks. I am convinced the best utility breed of fowls for a farmer to raise is the Plymouth Rock or the Wyandotte. I have tried 7 or 8 different breeds and for a general purpose fowl nothing can beat the above. You have some four different colors of each to choose from, as they are all equally good for either egg production or table use. I have also a great liking for the light Brahma, having bred them for 25 or 30 years, and find them excellent, hardy birds. Excellent winter layers if you get the right stamp; good mothers and not so persistent sitters as some breeds. If for eggs only, nothing can beat the brown or white Leghorn, but the eggs are too small for shipping to the British market, the demand being for a large brown egg, which either the Wyandottes, P. Rocks or light Brahmas supply. I often use the large light Brahma hen for setting my Toulouse goose eggs in the spring before the goose is inclined to sit, as I have known them lay 35 and 40 eggs before the incubating fever came on them. I invariably set my duck eggs with the light Brahma hens. They can be moved without the slightest trouble and are the quietest, easiest handled breed I know of.

One of my brother farmers remarked to me recently there was more money in keeping hens than fattening steers these times. He keeps over 200 hens, and for the last two winters has sold to the two leading hotels

in the city of Guelph 35 to 40 dollars worth of eggs per month for the 4 months, commencing December 1st, getting 20 to 25 cents a dozen for them. Profitable as raising pigs has been of late years it is never to be compared to chicken raising, as the same amount of grain fed to chickens as it takes to fatten a hog would bring double the amount of profit. So much has been said and written in our poultry papers and farm journals of late about how to feed poultry for the best production of eggs and how to prepare them for the British market that it would be superfluous for me to reproduce it here. The whole secret of success lies in keeping your fowls in a moderately warm place, feed them the right kind of food, supply them with a dust bath, keep them clean, free from vermin of all kinds, give them plenty of ground bones, green food of some kind, grit for digestion, oyster shells crushed for the formation of the shell of the egg, plenty of skim milk, which contains a great deal of albumen, of which the white of the egg is chiefly composed. I find cut clover hay if cured green is excellent food for hens in winter. If you attend to the above advice Biddy will shell out eggs all winter and cackle and be happy, and above all if you have any first-class chickens or eggs for sale advertize well. I have shipped geese and turkeys all the way to St. John's and Woodstock, N.B., from a single ad. in the "Farmer's Advocate." I have been a subscriber to the CANADIAN POULTRY REVIEW since its inception and have got many useful hints from it, also a better medium of communication with the poultry world cannot be found than by advertising in this paper, and as the price has been reduced to 50 cents per annum it is now within the reach of all engaged in the poultry business. I have been very successful in raising turkeys, and have got good prices for them. I made it a point when getting fresh blood always to get the best. I once paid \$10 for a young gobbler, which was considered in these days an exorbitant price, but it was the best paying investment I ever made, as I sold over \$100 of his progeny next season. I sold to Mr. Page, Superintendent of Walnut Grove Poultry Farm, South Bend, Indiana, a year ago, a gobbler that now weighs 46½ lbs. He has never been beaten at the different poultry shows in Indiana and elsewhere in the U.S., so Mr. Page informed the "Mercury" reporter and myself yesterday when he visited our Guelph Fat Stock and Live

Poultry Show, and he was one of the progeny of my \$10 gobbler. So you see, as the veteran breeder remarked to me, "it pays to keep the best." And you will always find a market for them. Turkeys are a very valuable adjunct to the profits of the farm. One of my neighbors informs me that his wife keeps the house in groceries, etc., from the profits of her turkeys alone. Another neighbor informs me his sister sold last year 95 turkeys, getting 8 and 10 cents a lb. for them. She fattened them principally on shorts and boiled potatoes. Turkeys are great foragers and consume millions of grasshoppers and other injurious insects. They are tender when young but the hardiest of all domestic fowls when adult, in fact they will not stand close confinement and too warm a place in winter will be sure to bring on roup or some other disease. I have had trouble with lice on the young ones, but a little insect powder or sulphur dusted over them will soon cure that. I find chopped dandelion leaves and young onion tops mixed with a little scalded corn meal excellent food for young turkeys, the dandelion being an excellent tonic. Beware of wet damp grass or heavy showers of rain when very young. After they are 6 weeks or 2 months old they as a rule are very hardy. I consider the M. Bronze the most profitable and hardy variety I have had. I had young turkeys, dressed for the table, at our Guelph fat stock show, weighing eighteen and nineteen lbs. each, for which I received 10 cents a lb. I had a one and a half year old bird "dressed" weighed over thirty lbs. last year and for which I got first prize at "the Smithfield of Canada." I showed one this year alive, weighing at same show thirty-eight lbs., last year's bird. Now this seems like blowing, but it is not, as I want to show what my brother farmers can do as well as I can if they only keep the best of everything.

I give my birds no special care, in fact I could make a great deal more out of them if I gave them more attention, but as I have rented my farm for the last few years and as I have all the grain to purchase that I feed my fowls, I find it costs more than when I had the granary bin to go to and help myself, and they too often have to forage for themselves.

GEESE.

When I commenced farming 38 years ago, I had a great antipathy to keeping geese, as I always understood they injured the pasture so that other animals

would not eat after them, but after 35 years experience I find they are the most profitable kind of poultry a farmer can raise, provided he can keep them out of his grainfields. I find the Toulouse the hardiest, most prolific and easiest fattened. A cross with the African and Toulouse makes a very large bird. I have seen them weigh over thirty lbs., and shown at our Xmas fat stock show twenty-three and twenty-four lbs. dressed for the table, shown by a Mr. Wm. Thompson. Mr. Buchanan, my next neighbor, has taken the first prize for fat geese at the same show for eighteen years in succession with the same cross. He called it Chinese, but it is the African, his weighed nineteen and twenty lbs. dressed. Geese live to a great age, some say one hundred years. There is a very interesting article on the goose in the November number also in the December number of the REVIEW, by Chas. O. Flagg, which is well worth perusal. He says he has known a Toulouse goose lay sixty-five eggs in one season. I have had them lay forty-five in one season. If you want them to lay on just shut them up for a few days when the sitting fever comes on and feed them sparingly and they will soon commence laying again.

William Rankin, a veteran goose breeder, cites an instance of a goose owned by a man in Boxfor, Mass., where it was the property of one family for 101 years and was then killed by the kick of a horse. Some fanciers say a goose will breed for fifty years and do well. I had an old Toulouse goose twenty-five years which bred well to that age and was accidentally killed, I believe, while I was away in the old country. Ganders should not be kept so long, as they are more prolific from two to ten years of age. A gander will mate with three or four females and the eggs are prolific, but he generally has a preference for one particular favorite, whose nest he will guard with special care. Mr. Rankin says he has made as much from one Toulouse goose in one year as from the best cow in his stable. I can believe it if, as he says, sixty-five eggs can be got and hatched out, as they are always worth \$5 and \$6 a pair for breeding purposes. I can get that for all I can produce.

And above all, what is better than a good, well cooked young goose for a Xmas dinner. They are very easily fattened. I shut them up for three weeks and feed them on boiled potatoes, mixed with oat meal, corn meal or a little shorts and a little

Thorley's food or other cattle spice as a relish through it.

I see by the papers that a Toronto firm has been shipping tons of turkeys, ect., to the Old Country this season, and that the firm of Meldrum & Co., Montreal, are receiving for shipment to England between 2,000 and 4,000 turkeys daily, and will continue the same for another month. They expect to ship altogether between 60,000 to 80,000 birds. We should appreciate the efforts of the Hon. Mr. Fisher and Prof. Robertson in providing cold storage for poultry and other perishable products that the farmer produces. And the beauty comes in of having a practical farmer as Minister of Agriculture, and the farmers stand in their own light if they do not keep a farmer as Minister of Agriculture, as they carry the balance of power in the Dominion.

DUCKS.

My experience in duck raising has extended over some thirty-eight years, in fact ever since I have farmed for myself, and as the river Speed runs through the centre of my farm I have one of the best places for duck culture in the Dominion. After the first six weeks they can find their own living, as the river abounds in crawfish and other molusks on which they delight to feed. They are always fat. There is pasture on both sides of the river, and geese and ducks luxuriate there. I have tried the three different breeds, Pekin, Aylsbury and Rouen. The former is the most popular, as it is the largest, at least to look at, commences to lay the earliest and where you have plenty of water is a profitable duck to raise. The Aylsbury is more tender, although an excellent table bird. I find the Rouen the most profitable of the three breeds. They are hardy, easily fattened, and if you have the right breed will weigh just about as much as the other breeds. I have had them dressed eight lbs. each at our Xmas fat stock show. Ducks are omniverous, are great feeders, and if you feed them well from the time they are hatched they ought to be fit for market at three months old, which is the proper time to sell, as the prices are higher than in the fall. The same feed will fatten them as geese and there is a greater demand for good fat young ducks than for any other class of poultry. And a more toothsome bird cannot be put on the table than a well cooked, well fattened young duck. The Cayuga is a smaller bird, but is a very hardy duck, and is excellent for the table. They have more the flavor of the wild duck than the others, and are highly appreciated by gourmards for their delicate

flavor. I have now given you my experience, and hope it may benefit some one, and if it does I will be well satisfied for the short time it has taken me to scribble out these few lines.

THE BREEDER OF POULTRY.

IN speaking of breeding thoroughbred poultry we wish it to be correctly understood, we are not speaking of the person who is noted in his or her neighborhood as a success in raising any given number of pure bred or cross bred fowls out of a certain number of chicks hatched from the eggs, or how fine and healthy they look after they are matured, or of how many eggs he is capable of making a certain number of his fowls produce. The art of doing all this, any and all will admit, is a science, and is or would be very valuable to the scientific breeder. Yet a man could be possessed of each and all of the above qualities and still not be a successful breeder in the correct sense of the term. A man to be what we call a successful breeder is a man gifted with qualities that only a comparatively few have. Certainly he is a really good judge of the breed or breeds he is interested in, very often a deal better than any understand, except a very few gifted like himself and interested in the same breed. They understand each other and see far more of the finer and more difficult points or qualities to be desired in the breeds in which they are interested and on which their thoughts are centered. A scientific breeder is gifted with a foresight that tells him that a male bird he sees has qualities in him that just fits him to be mated to a certain hen or hens that he has. Very often, if asked, he would be unable to put his reasons into words so that his questioner could comprehend his meaning, yet he knows he is right. He is a thoughtful man, a man who does not believe in theories but in practice. He makes notes, takes nothing for granted. It must prove itself when put in practice. He can take a flock of ordinary or fair specimens of any of the breeds he understands and raise better, more typical specimens from them by mating them his way, scientifically, than his friend or neighbor who has none of his qualities and ability can from the winners at Madison Square Garden. He understands full well that one sort of in-breeding will ruin any variety, while another sort of in-breeding will intensify and perpetuate any of those qualities desired and haru the breed in no way. In fact, he is the man who has brought all our valuable and beautiful breeds up to the high standard they now occupy, and it is this sort of men, the genuine breeders who build up the business, and who every year raises a few birds that are not for sale regardless of prices offered simply because they need them as breeders and they are beyond value in dollars and cents to them.—By "Zim."

BRANTFORD'S BIG SHOW.

THE poultry and pet stock show at Brantford drew a large number of spectators. The management of the exhibition are satisfied with the results in this direction, a fact which speaks for itself. The judging has been universally satisfactory so far as we could learn. In some cases the judge declined to award a first prize on the ground that the quality of the birds did not merit the highest premium.

About 1,200 birds of all kinds were entered and quality was good. The show ran smoothly under the guidance of Secretary Minshall, Superintendent Raines and the other officers. We are pleased to learn that a substantial balance remains in the hands of the Treasurer after paying all claims.

LIST OF EXHIBITORS.

J. H. Minshall, N. Cosh, T. A. Cox, J. Cameron, W. J. Westwood, F. Broome, A. E. Hartley, R. J. Taylor, A. M. Avoy, W. Simon, R. Ryan, A. Wilson, J. G. Gordon, T. Mahler, A. J. Moore, Stratford Bros., C. W. Rutherford, F. Hearn, E. Orr, A. E. Smith, Waugenheim & Buck, J. J. Foley, W. Dick, P. H. McNellis, J. M. McDonald, T. J. Heath, R. Middlemiss, H. Yakes, S. Kerby, R. Franklin, E. Orr, A. McEvoy, Cope Bros., J. Brown, J. Gardener, R. Sutton, J. Hawthorne, Dr. Digby, all of Brantford; T. & J. Lunn, Burtch; P. H. Buchanan, Newport; M. T. Burn, Tilsonburg; Oakwood Yards, Burlington, Wis.; F. S. L. Moore, J. G. Gordon, Pickering; H. Wyatt, London; Thurlow & McMichael, Woodstock; J. W. Porteous, A. E. Hartley, Judson & Lovegrove, W. Calvin, Galt; C. E. Smith, Fairfield Plains; Henderson & Billings, St. Mary's; T. H. Mills, Sarnia; W. J. Player, Nassagaweya; J. F. Hill, Welland; J. A. Livingston, Grimsby; H. G. Doyle, S. Kirby, J. W. Barr, J. Widgery, Woodstock; E. O'Neil, Paris; D. McKenzie, Fergus; J. W. Potter, Walsh; O'Brien & Colwell, Paris; L. T. McIntyre and G. McIntyre, Norwich.

LIST OF AWARDS.

Brahmas—Light cock 1 McDonald, 2 and 3 Cameron, hen 1 Cameron, 2 Cox, 3 McDonald, cockerel 1 and 2 Cox, 3 Cameron, pullet 1 and 2 Cox, 3 Cameron, dark cock 1 Burn, 2 Oakwood Yards, hen 1 Burn, 2 Oakwood Yards, cockerel 2 Oakwood Yards, 3 Burn, pullet 1 Burn, 2 Oakwood Yards.

Cochins—Buff cock 1 Wyatt, 2 Wilson, 3 McDonald, hen 1 Wyatt, 2 Wilson, 3 McDonald, cockerel 1 and 3 Wyatt, 2 Moore, pullet 1 Wyatt, 2 Moon, 3 Moore; partridge cock 1 Thurlow & McMichael, 2 Wyatt, hen

1 Calvin, 2 Wyatt, 3 Thurlow and McMichael, cockerel 1 and 2 Wyatt, 3 Thurlow and McMichael, pullet 1 and 2 Wyatt, 3 Thurlow and McMichael; white or black cock 1 Thurlow and McMichael, 2 Smith, Burn, hen 1 Burn, 2 Thurlow and McMichael, 3 Brown, cockerel 1 Burn, 2 Broom, 3 Smith, pullet 1 Burn, 2 Smith.

Plymouth Rocks—Barred cock 1 Henderson and Billings, 2 Porteous, 3 T. and J. Lunn, hen 1 Porteous, 2 Lunn, 3 Westwood, cockerel 1 McNellis, 2 and 3 Henderson and Billings, pullet 1 and 2 Henderson and Billings, 3 McNellis, 4 Porteous; white cock 1 Minshall, 2 Moore, 3 Heath, hen 1 and 2 Minshall, 3 Rutherford, cockerel 1 and 3 Minshall, 2 Kerby, pullet 1 Minshall, 2 Heath, 3 Westwood; buff cock 1 Cox, 2 Foley, 3 Henderson and Billings, hen 1 Foley, 2 Henderson and Billings, cockerel 1 Mills, 2 Foley, 3 Harley, pullet 1 and 2 Foley, 3 Livingstone.

Langshans—Cock 1 Hill, 2 Stratford Bros., 3 McDonald, hen 1 Stratford Bros., 2 McDonald, 3 Potter, cockerel 1 Hill, 2 Cox, 3 Stratford Bros., pullet 1 Hill, 2 O'Neill, 3 Stratford Bros.

Wyandottes—Golden cock 1 Henderson and Billings, 2 McDonald, 3 Cox, hen 1 Cox, 3 McDonald, cockerel 2 Cox, pullet 2 McDonald, 3 Cox; silver cock 1 Henderson and Billings, 2 Cox, hen 1 2 and 3 Henderson and Billings, cockerel 1 and 2 Henderson and Billings, 3 Yakes, pullet 1 and 3 Cox, 2 Henderson and Billings; white cock 1 Moore, 2 Kerby, hen 1 and 3 Kerby, 2 Moore, cockerel 1 and 3 Moore, 2 Kerby, pullet 1 and 3 Moore, 2 Kerby.

Anjalusians—Cock 1 and 2 Cosh, 3 McKenzie, hen 1 2 and 3 Cosh, cockerel 1 and 2 Cosh, 3 McKenzie, pullet 1 2 and 3 Cosh.

Dorkings—Silver gray or colored cock 1 Cox, 2 Burn, hen 1 and 3 Cox, 2 Simon, cockerel 1 Cox, pullet 1 Cox, 2 and 3 Simon; white cock 1 and 2 Burn, hen 1 and 2 Burn, cockerel 1 and 2 Burn, pullet 1 and 2 Burn.

Houdans—Cock 1 Henderson and Billings, 2 Burn, 3 Thurlow and McMichael, hen 1 Burn, 2 and 3 Thurlow and McMichael, cockerel 1 and 2 Thurlow and McMichael, 3 Stratford Bros., pullet 1 and 2 Thurlow and McMichael, 3 Burn.

Spanish—Black cock 1 Burn, 2 Henderson and Billings, hen 1 Burn, 2 Henderson and Billings, cockerel 1 Henderson and Billings, 2 Gordon, pullet 1 Henderson and Billings, 2 Gordon.

Minorcas—Black cock 1 2 and 3 Minshall, hen 1 2 and 3 Minshall, cockerel 1 and 2 Minshall, 3 Lovegrove, pullet 1 2 3 and 4 Minshall, white cock 1 Moore, hen 1 and 2 Moore, 3 Lovegrove, cockerel 1 and 2 Moore, pullet 1 Minshall, 2 and 3 Moore.

Javas—White hen 1 O'Neill, 2 Smith, cockerel 1 O'Neill, 2 Cox, pullet 1 O'Neill, 2 and 3 Cox.

Hamburgs—Pencilled cock 1 Potter, 2 Smith, 3 Burn, hen 1 Potter, 2 Henderson and Billings, 3 Burn, cockerel 1 and 2 Burn, pullet 1 and 2 Burn; spangled cock 1 and 3 Burn, 2 Smith, hen 1 and 2 Burn, 3 Smith, cockerel 1 and 2 Burn, 3 Syrie, pullet 1 Burn, 2 Syrie, 3 Calvin; any other variety hen 1 Burn, 2 Potter, pullet 1 Smith, 2 Potter, 3 Burn, cockerel 1 Smith, 2 Potter, 3 Franklin.

Leghorns—White S.C. cock 1 Orr, 2 Lovegrove, 3 Barr, hen 1 Buchanan, 2 Orr, 3 Lovegrove, cockerel 1 Cox, 2 Barr, 3 Smith, pullet 1 Barr, 2 Smith, 3 Buchanan, brown S.C. cock 1 Doyle, 2 Simon, 3 Player, hen 1 McDonald, 2 Simon, 3 Orr, cockerel 1 and 2 Orr, 3 Cox, pullet 1 Orr, 2 Doyle, 3 Simon; R.C. brown cock 1 and 2 Henderson and Billings, hen 1 and 2 Henderson and Billings, cockerel 1 and 2 Henderson and Billings, pullet 1 and 2 Henderson and Billings; R. C. white cock 1 Dick, 2 Burn, hen 1 Burn, 2 and 3 Dick, cockerel 1 Burn, 2 and 3 Dick, pullet 1 and 3 Dick, 2 Burn; black cock 1 Cox, cockerel 1 Lovegrove, 2 Cox, pullet 2 Cox, 3 Lovegrove; buff cock 1 and 2 Brown, 3 Player, hen 1 Henderson and Billings, 2 Player, 3 Mills, cockerel 1 Doyle, 2 Mills, 3 Henderson and Billings, pullet 1 and 3 Mills, 2 Henderson and Billings.

Red Caps—Cock, 1 Gordon, hen 1 Gordon, cockerel 1 O'Neill, 2 Gordon, 3 Gardner, pullet 1 2 and 3 Gardner.

Polands—W.C.B. cock 1 and 3 Middlemiss, 2 Taylor, hen 1 and 2 Taylor, cockerel 1 Taylor, 2 and 3 Middlemiss, pullet 1 and 3 Middlemiss, 2 Taylor, golden cock 1 and 3 Burn, 2 Smith, hen 1 Smith, 2 and 3 Burn, cockerel 1 and 3 Burn, 2 Calvin, pullet 1 Smith, 2 and 3 Burn, silver cock 1 Ryan, 2 Burn, 3 Smith, hen 1 Smith, 2 Colver, 3 Burn, cockerel 1 Burn, 2 Smith, pullet 1 and 2 Burn; A.O.V. cock 1 and 2 Burn, 3 Middlemiss, hen 1 and 2 Burn, cockerel 1 Burn, pullet 1 Burn.

Gamos—Black or brown red cock 1 McEvoy, 2 Burn, 3 McIntyre, hen 1 McEvoy, 2 Burn, 3 McIntyre, cockerel 1 McEvoy, 2 McIntyre, 3 Burn.

pullet 1 McEvoy, 2 Burn, 3 McIntyre; pyle cock 1 O'Brien and Colwell, 2 and 3 McIntyre; Indian cock 1 Burns, 2 O'Brien & Colwell, 3 McIntyre, cockerel 1 McEvoy, 2 Burns, 3 McIntyre, pullet 1 McEvoy, 2 and 3 McIntyre; Indian cock 1 Cox, 2 Thurlow and McMichael, 3 Stratford Bros., hen 1 Cox, 2 and 3 Thurlow and McMichael, cockerel 1 McIntyre, 2 Cox, 3 Stratford Bros., pullet 1 and 2 Cox, 3 Thurlow and McMichael; duckwing cock 1 McIntyre, 2 McEvoy, 3 Burn, hen 1 McIntyre, 2 Burn, cockerel 1 O'Brien and Colwell, 2 McIntyre, pullet 1 McIntyre; pit cock 1 Cox, 2 O'Brien and Colwell, hen 1 Cox, 2 O'Brien and Colwell, cockerel 1 and 2 Smith, 3 O'Brien and Colwell, pullet 1 Cox, 2 and 3 Smith; any other variety cock 1 Burns, 2 Widgey, 3 Mahler, hen 1 Mahler, 2 and 3 Burn, cockerel 1 Burn, 2 Thurlow and McMichael, 3 Smith, pullet 1 Burn, 2 and 3 Widgey.

Specials—Largest and best collection of any one variety, 1 Minshall, 2 Cosh; best collection of black Minorcas, Minshall; pair white Cochins by one exhibitor, Burn; buff Leghorn, Brown; single comb brown Leghorn cockerel, Orr; light Brahma cockerel, Cox; light Brahma, Cox; black Minorca hen, Minshall; collection of B.B.R. Game Bants, McIntyre; duckwing Bant cockerel, McIntyre; white Rock pullet, Minshall; best pullet shown, McEvoy; pair buff Cochins, Wyatt; pair partridge Cochins, Wyatt; pair Langshans, Hill; pair silver Wyandottes, Henderson and Billings; pair white Wyandottes, Moore; pair Andalusians, Cosh; pair buff Rocks, Foley; pair of Indian Games, Cox; best colored buff bird in the show, Henderson and Billings; best collection in the Mediterranean class, Minshall; best white Leghorns, Barr; best Asiatic in the show, Wyatt; best exhibit in red Pyle fowls, McIntyre; pair of yellow legged pyle chicks, Burn; black Minorca pullet, Minshall; white Rock hen, Minshall; white Leghorn pullet, Barr; collection barred Plymouth Rocks, hatch of 1898, Henderson and Billings; collection of W.C.B. Polands, Taylor; white Rock cock, Minshall, cock or cockerel, hen or pullet, Cox. Selling class—Best bird, any sex, to be sold for \$1, 1 and 3 Wyatt, 2 Hardy; best bird, any sex, to be sold for \$2, 1 Cox, 2 Minshall, 3 Hardy.

Bantams—Sbright cock 1 Burn, 2 Smith, hen 1 Burn, 2 and 3 Smith, cockerel 1 Cameron, 2 Burn, pullet 1 Burn, 2 Mahler; buff cock 1 Smith, 2 Simon, 3 Westwood, hen 1 Simon, 2 and 3 McDonald, cockerel 1 Mahler, 2 Colver, 3 Smith, pullet 1 and 3 Bayliss, 2 Smith; R.C.B. cock 1 Hartley, 2 McDonald, 3 Westwood, hen 1 Burn, 2 Hartley, 3 Westwood, cockerel 1 and 3 Hartley, 2 Burn, pullet 1 Burn, 2 Thurlow and McMichael, 3 Hartley; black or white cock 1 and 2 Moore, 3 Hartley, hen 1 and 2 Moore, 3 Hartley, cockerel 1 and 2 Moore, 3 Hartley, pullet 1 and 2 Moore, 3 Hartley. Game Bantams, B. B. R. cock 1 O'Brien and Colwell, 2 Cox, 3 Hawthorne, hen 1 and 2 McIntyre, 3 Cox, cockerel 1 and 2 McIntyre, 3 Hawthorne, pullet 1 and 2 McIntyre, 3 Cox; duckwing cock 1 O'Brien and Colwell, hen 1 McIntyre, 2 Hartley, cockerel 1 McIntyre, 2 O'Brien and Colwell, 3 Hartley; pyle cock 1 Cox, 2 McIntyre, hen 1 Cox, 2 McIntyre, cockerel 1 Cox, 2 McIntyre, pullet 1 Cox, 2 and 3 McIntyre.

Ducks, Geese and Turkeys—Rouen drake 1 and 3 O'Brien and Colwell, duck 1 and 2 O'Brien and Colwell, Aylesbury drake 1 O'Brien and Colwell, 2 Lynn, duck 1 O'Brien and Colwell, 2 Lynn; Pekin drake 1 O'Brien and Colwell, 2 Smith, duck 1 O'Brien and Colwell, 2 Smith; ducklings, Rouen drake 1 and 2 O'Brien and Colwell, duck 1 and 2 O'Brien and Colwell, Aylesbury drake 1 and 2 O'Brien and Colwell, duck 1 and 2 O'Brien and Colwell, Pekin drake 1 O'Brien and Colwell, 2 Lynn, 3 Smith, duck 1 O'Brien and Colwell, 2 Lynn, 3 Smith. Geese—Bremen or Embden male 1 and 2 O'Brien and Colwell, 3 Smith, female 1 and 2 O'Brien and Colwell, 3 Smith. Toulouse male 1 and 2 O'Brien and Colwell, 3 Smith, female 1 and 2 O'Brien and Colwell. Turkeys—Bronze male 1 and 2 Cox, female 1 and 2 Cox; white male 1 Cox, 2 Smith, female 1 Smith, 2 and 3 Cox.

The entry at New York this year far exceeded that of any previous year. The Canadian exhibitors all did excellently, including W. Barber & Co., who won heavily on Games and Game Bantams and made many good sales, Mr. R. Oke, who showed his varieties to win, R. B. Millard (Cochins), N. Cosh (Andalusians), etc.

ONTARIO POULTRY ASSOCIATION.

THE SECRETARY'S REPORT.

Mr. President and Gentlemen:—

Owing to the lateness of the closing date of entries, and large increase in the number of them, it has been impossible for me to do anything in the shape of getting up a written report for to-days meeting, but will have it prepared in time for publication in the Government report, which will be circulated amongst all the members of the Association and throughout the country generally.

However, I might say that we all agree with the sentiments which have been expressed by the President in relation to our large increase of entries, and the overwhelming success of the present Show.

I have taken from my books a comparative statement of entries between London last year (which was the largest held up to that time) and that of Toronto, now going on in this building.

In the first place, let me say that the building which we occupy today is far in advance of anything we have had during my term of office, and, I have no doubt, any ever occupied by the Ontario Association before.

I assure you that we feel grateful to the workers of the local Association for the manner in which they have conducted the preparation of the coops for this exhibition, not having been able to get the building until Monday at noon, every bird in the building was cooped before they retired for the night, and everything would have been in excellent order had we not been compelled to break off the judging in honor of the visit of the American fanciers to the Agricultural College at Guelph yesterday.

To return to numbers of exhibits, I would say that in London the total amounted to 1809, today we have 2422, which means an advance of one third over that of last year, and also means an increase of three hundred dollars in cash entry fees. The membership is also increased from 124 up to 223.

I might call your attention to the essays which have been printed and mailed to each member of the Association, so that at this meeting we will be able to take them up and discuss them intelligently. I might say in addition that there were a number of others who promised essays but were unable to get them ready in

time for this meeting. They will be published in the report to the Department.

There are several recommendations to this Association which I think should be taken up by the new Board of Directors at their first meeting, certainly at some meeting, and I would recommend that all the members who have ideas which they think would be for the betterment of the Association correspond with me that I might lay the communications before the Board for this purpose.

When I have a little more leisure I purpose preparing quite a number myself, and trust that other members will take the same interest in these matters.

The usual occurrence takes place again this year, that of some of the older members being absent and a large number of new ones taking their places.

Before taking my seat I wish to thank the officers of this Association for the kindly manner in which they have treated me during the past year and assure them I shall do all in my power to merit a continuation of their kindness.

THOS. A. BROWNE.

OWEN SOUND POULTRY ASSOCIATION.

An enthusiastic meeting of the above Association was held on February 7th, when several matters were discussed. A member complained that Ashbury Bros. had got some one to disfigure the secretary's entry book so that the entries of pyle Bants cock, cockerel and pullet, which they purchased from Mr. Foster, of Brampton, after they were judged, were made to appear as if they bred and owned them prior to the judging. This was done without the consent of the secretary or Association. The one who made the alteration acknowledged it and apologized as he didn't know he was doing wrong, understanding at the time that Mr. Foster was agreeable. The apology was accepted and the secretary instructed to let the public know through the REVIEW that Ashbury Bros. were not the winners of the said three prizes. Also by reference to a scribbling book in which entries were taken down by the one who totaled them up, it was found that the score of Mr. R. C. Ferguson's black Minorca pullet should have read 92 instead of 90 which would give him 2nd place. The secretary was instructed to forward Mr. Ferguson his prize money (50c) and

make note of the correction in his paper the "Canadian Poultry News," also send note to the REVIEW. The annual meeting for the election of officers, selection of dates, judges, etc., will be held on the first Tuesday in March.

ROBERT R. CAMERON, Secretary.

Owen Sound, Feb. 10, 1899.

MR. GRAHAM HAS CHANGED HIS MIND

NOW WANTS THE SCORE CARD.

EDITOR REVIEW. :

I WAS one of the people who sang out "Hear, hear," when a motion was made at one of our annual meetings, held at Guelph, I think, to do away with scoring. I now think that we then made a mistake and I would like to see it rectified. Judging by comparison will do very well for those who go with their birds to the show—they can see about what relation their birds bear towards the winners, even if they do not win, and by sizing the show up can see about where they stand. Not so with the parties who have to stay at home. If their birds do not win there is no way by which they can tell whether they were close up to the winners or at the foot of the class, and if you wish to sell or buy a bird that failed to get a ticket there is no way to give or receive information about the bird, only that in the seller's estimation it is all right. As I was myself unable this year to go to Toronto I feel the truth of what I write, and had I thought of it when making my entries I would have paid the 10c extra to have had all my birds scored, but this is an additional expense that I do not think should be loaded onto the exhibitors, and the scoring in such cases would not likely be done with the same care as if scored for the prizes. All in favor of a return to the score card, up hands!

A. W. GRAHAM.

St. Thomas, Ont., Feb. 14, 1899.

Every exhibitor at New York will get a copy of this issue of REVIEW. Send your name in—and 50 cents—better still, a dollar for three years.

THE POULTRY INDUSTRY A HELP TO THE FARMERS.

BY REV. THOS. GEOGHEGAN, HAMILTON.

THE claim that Ontario is the "banner province" of the Dominion is universally conceded. The soil is fertile, the air bracing. The necessaries of life abundant and easily attainable, the means of communication with all parts of the world are excellent and daily improving, the facilities for the transportation of produce of all kinds is more than equal to the demand, and yet the complaint is made every day that "farming does not pay." Homesteads that have been cleared by the sturdy and determined settlers of the past and more patient generation are being deserted on all sides, and young men are flocking into the cities to glut the labor market and reduce wages below the standard at which men can live honest wholesome lives and keep the wolf from the door. The centralization of population is a condition of this age which has to be accepted. It will not, however, do to say that improvement in labor-saving machines in the department of agriculture has made hard times by driving working people into the cities and towns. For while it is true that with modern appliances the number of hands required upon the farm in the old lines of work is not so great as in the past it is also true that new departments might be opened up productive of good results and capable of readjusting conditions so that the same amount of helpers could be used upon the land. The farm hand has suffered no more from labor-saving machinery than any other class of workers. He feels his position more keenly because he is less resourceful. Men in all walks of life have suffered and will suffer. We are not at the end, only at the beginning of inventions for saving labor and adapting the forces of nature to do the bidding of cultivated thought and intelligence. We are on the march and we must be prepared to take the double at any moment.

There are ten applicants for every vacancy in any city establishment. The country has heretofore been acting upon the city and the city must in time react upon the country. The clots of humanity crushing themselves out of shape in large centres must be dis-

persed and this great country has space enough and channels enough in which to absorb them. Since the opening up of our vast prairies and boundless wheat belts of the west, it would be impossible for the Ontario farmer to do as his father did in early days, make grain the chief and only means of revenue. Even if we had not the competition of the boundless west there are many farms in Ontario that would not pay to grow grain upon. Young as the country is you will find hundreds of farms worked out and only capable of growing Canadian thistles and other noxious weeds. Hungry land can no more yield hearty crops than hungry hens can lay eggs.

There are many lines which the Ontario farmer might get into to improve his present condition. There is nothing, however, that will give better returns on investment than poultry. This country affords the greatest possibilities. The climate is favorable. Food is cheap and abundant. With cold storage and rapid transit we can land fresh eggs, early broilers, and all kinds of dressed or live poultry in an incredibly short time in the market of the great metropolis of the world. Poultry products are never out of season. Fashions may change with the years but a fresh egg or a well cooked fowl will at all times find abundance of takers. Sam Slick said many years ago that the people of Nova Scotia needed to do a good deal more cyphering before getting the best returns from their farms. The same holds good in Ontario to-day. Few of those who live by the soil can tell you anything about departmental profits on the farm. In ancient times the nations that stood highest in arts and sciences gave a high place to the cultivation of poultry and the preservation of poultry fruit. In the sculptures unearthed in the Valley of the Nile, scribes are seen in the market place noting down the articles sold, and on the farm taking an account of the products, to the number of eggs laid of each hen. Among other things unearthed a few years since in Egypt were eggs apparently as fresh as the day upon which they were laid. The people of France and other European countries encourage and foster the poultry industry. It is for the great mass of the small farmers, cottagers and artizans the chief source of revenue.

The French not only supply their own market but export to England over \$15,000,000 of this class of food annually. If European complications should

arise where will John Bull look for his fresh eggs and tender poultry? Surely to the men of his own kith and kin who are working out their destinies on this side the Atlantic. But can we accommodate the old gentleman? We may talk as we please about Federal Union but nothing will hurry it about more quickly than giving the English people something good to eat. The average Britisher can fight. Yes he can fight the size of himself of any kind of humanity. But he can do it best after a good breakfast. We in this country owe the British nation a great deal. The army and navy are maintained for our protection and it is only reasonable that we should help to feed them, especially as they are willing to take our best products and to give us the highest market value in return. If England found herself in a tight place Uncle Sam might send her some warships and soldiers but he could not send her fresh eggs as he does not raise enough to supply the home market. And Canada, fair Canada of ours—she of the fertile plains and the smiling cornfields, with millions of acres of unbroken land, rich and fertile, so far with all shipping facilities, with all the nice things said about her during and since the Jubilee—sent last year just \$978,479 to all countries, Great Britain included. The following are the values per province:—Ontario, \$305,785; Quebec, \$536,767; Nova Scotia, \$56.24; New Brunswick, \$17,824; Manitoba, \$16; British Columbia, \$13; Prince Edward Island, \$52,400; North West Territory, \$——. It is remarkable that the increase since 1893 has not been in proportion to the great increased shipping facilities. In the year 1893 we exported \$868,007, or just \$110,472 less than last year. The proportional growth has not been equal either to the increased shipping facilities or to the advancement in the improvement in stock. The Ontario government never did a wiser thing nor one more to the advantage of the farmer than when it established the poultry department in connection with the Model Farm at Guelph. But no matter how progressive or paternal a government may be the best results can never be attained until every householder awakens to a sense of duty to their own interests and to the interests of the community in which they live and take advantage of every honest and honorable opportunity of improving their financial condition. This country must for

many years to come be an agricultural country. The great manufacturing cities of the Old World long established and strong in their own lines in plant and machinery as well as in skilled labor will continue to attract labourers and buyers. We in this country will long look to them for many articles necessary to our comfort and convenience.

But they must look to us for many articles of food. The Canadian mills cannot turn out the equal of a west of England broadcloth. The Canadian hen can, however, with proper care and attention make as sweet meat and produce as fresh and well flavored eggs as any bird of her kind in the world. It is said there is always room at the top, that the best will always find market. There is no line more fully exemplified than the egg and poultry business. The wider a man's experience is, the more he knows of agriculture and the things that pay on the farm, the less does he appreciate ripe eggs or those that have lain until foreign odours have penetrated the pores of the shell. If it be true that short accounts make long friends, it is no less true that promptly gathered eggs are best for market and best for table use. It is a wonder that the average Englishman will touch a Canadian egg. What we have forwarded to them in the past has been anything but satisfactory. Poorly packed, not assorted, kept until stale, are the reports made by Canadian agents at English ports. European producers who understand their business and are neither too proud nor too lazy to attend to the department promptly and intelligently can pocket over fifteen millions of dollars on eggs yearly while from the English market Canadians cannot get up to one million.

Just think of it. Fifteen million dollars would pay interest on a large number of mortgages, would wipe out a great many liabilities and would improve the financial condition of many a discouraged and depressed Canadian farmer.

“ We intend to greatly enlarge our pheasantry and are importing birds from Belgium. We have also established branches at Ancaster (under the management of C. H. Hooper), Aldershot (managed by John Hall), Bartonville (managed by Harry Anderson). All these branches are within six miles of Hamilton, but in different directions.”—The Canadian Pheasantry, Hamilton.

Incubator & Brooder Department



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

OPERATING THE INCUBATOR.

BY W. R. GRAHAM, BELLEVILLE, ONT.

At your request we give a few ideas as to how incubators may be managed successfully. What is said is the result of the writer's experience, other methods may be successful but we shall deal only with the one we practise. [Just what we want.—E.D.]

With an incubator at hand which will not vary in temperature more than a fraction of a degree, even though the outside temperature may vary thirty degrees, this being found satisfactory we may begin to look for a permanent location. A cellar, not a wet one, is the most desirable place as there is no jar of the floor and surroundings, and a comparatively even temperature is maintained outside the machine. This evenness of temperature is a saving of oil: do not try to run an incubator where the outside temperature varies 40° in 24 hours. Perhaps it may be done but it is a waste of fuel and attention.

See that the incubator sets level. This is very important, especially if the machine is a hot water one, as the water must circulate evenly all over the egg chamber in order to have an evenness of heat inside.

Close the machine and start the lamp, when 100° is reached adjust your regulator. Now run for a day or so until you are positive you can successfully control the temperature. If you cannot operate an empty machine do not waste the eggs to fill it. When the eggs are put in the temperature should rise to 101° as your thermometer is then raised the height of an egg nearer the tank. One hundred and one degrees has given better hatches than a higher temperature. Some say 103°, but we have never yet been able to get as strong chicks, nor as many of them, when the temper-

ature went above 101°. The last few days it may be wise to run at 103°, but not above. After putting in the eggs if the temperature does not rise to 101° in a few hours do not be alarmed, as we have known eggs to be nearly 24 hours in getting warmed up. Do not meddle with the regulator unless it is an absolute necessity. We prefer eggs too cool rather than too warm.

Turn the eggs twice daily, morning and evening, as near at an equal distance of time as possible. We get the best hatches where the tray of eggs is removed from the machine to be turned. After removing the tray shut the machine door at once so as to maintain the temperature. The eggs are turned by means of putting the tray on a table, the one side of which has an inch strip tacked on it. This raises the one end of the tray; now take some eggs from the lower end of the tray and place them near the centre, then gently roll the half next you down hill; next turn the tray around and do the same with the other end, this puts the eggs from the centre to the ends, and the end eggs to the centre, thus assuring evenness of heat to all the eggs. We have never yet got as strong, healthy chicks where the eggs were turned inside the machine.

We use no moisture or ventilation until the last five days. This method has proved the most satisfactory; while we have occasionally got good hatches where moisture and ventilation were used before, yet taking all hatches into consideration, they have not been so successful.

When the eggs begin to pip do not peep in the machine every ten minutes. True, you may lose a chick or so from scrambling over pipped eggs and shells which occasionally get united and thereby shut off the supply of air to the pipped eggs, but you are likely to lose dozens where the machine door is opened frequently and the temperature of the machine becomes variable. In our mind nothing is more important than keeping an even temperature in the egg chamber during the hatch.

Remove the chicks from the egg trays to the nursery below every six hours. Do not take chicks from the machine before the hatch is over as every 15 chickens lower the temperature 1°. After the hatch is over remove the chicks to the brooder, clean the machine, run one day to get an even temperature and you may begin over again.

POINTERS.

Test eggs on the eighth day and remove all infertile ones.

Test again on the sixteenth day.

Keep the bulb of the thermometer on a fertile egg from the tenth day : at about 15 days the animal heat will begin to rise in the fertile egg and it is, therefore, very necessary that the thermometer is on a live egg.

Do not trust to one thermometer as one may go wrong and you might loose the whole hatch.

The feeding of cut green bones and giving fowls plenty of exercise tends to give more and strongly fertilized eggs.

Do not discard a machine because it only hatched a dozen chickens from 100 eggs when only 30 were fertile.

Weak germs seldom hatch and as a rule the fewer the fertile eggs the smaller the percentage hatched.

It is a good plan to run your hand over the eggs a few days before the hatch is due and keep the thermometer on a good warm egg for it is sure to hatch a strong chick. In this way you can soon be able to estimate a hatch.

ARTIFICIAL INCUBATION.

MACHINE VS HEN—FIVE NECESSARY QUALIFICATIONS.

BY H. J. WOOD, HULL, QUE.

HAVING glanced at some of the more necessary qualifications of the egg that is to be incubated we may pass on to the incubator itself, and I would first of all seek to make very clear this fact, there is nothing mysterious about an incubator, it is a machine, neither more nor less; if you leave it in your room unlit, unfilled and unattended to it will stand there as would any other machine, doing nothing. if you fill it with pebbles and light your lamp and so on, it will go on as long as you please to leave it so, producing nothing, similarly if you fill it full of good eggs and leave the lamp unlit and the machine unattended to it will go on also producing nothing, while if you give it perfect eggs, light the lamp, supply air and moisture exactly as they should be supplied and do all other things that are necessary to the perfect hatching of chicks for the

whole of the three weeks of incubation you will certainly hatch by the machine a chick from every fertile egg, and conversely, that we fail to hatch every perfect egg is proof either that we do not do the things that it is right we should do, or, that our machine is defective in some of the qualities necessary to a perfect hatcher. In the judgement of the writer the chief of those qualities are the following : First, the ability to supply to each and every egg within its walls a certain degree of heat, ordinarily $^{\circ}103$, so evenly distributed that the eggs on the outside and in the corners have at any given time exactly the same heat as those in the centre ; secondly, the power to maintain this heat at the same degree whether the temperature outside of the machine is $^{\circ}35$ or $^{\circ}75$; thirdly, the ability to prevent the passage of air in the smallest amount either to or from the eggs except through the openings especially provided for that purpose : fourthly, a means of controlling the evaporation of moisture from the egg so that the skin surrounding the chick inside the egg will be neither too dry nor too wet to be easily broken by the chick when its time is due to come out, and lastly, although maybe it is not absolutely necessary, there should be a nursery under the egg trays into which the newly hatched chicks can descend and be at peace instead of trampling upon and stifling their later coming brothers and sisters.

As to the value of the incubator as a hatcher in comparison with the hen ; a fairly good machine will, in careful hands, hatch more chicks than will hens to cover an equal number of eggs. Take a 200 egg machine full of eggs and run it for three weeks, at the same time setting say sixteen hens on the same number of eggs and if at hatching time you do not say the work for the machine is less than that required to keep them cleaned, fed and attentive to their work, your experience will have been very different from that of the writer and you will find that every egg possible to be hatched is hatched as well in the machine as under the hen, while no eggs will be broken or little chicks stifled at their birth. The reader may think a great deal of this to be irrelevant but it is not, there is no absolute quality of perfection about any incubator made whatever may be its price, it will hatch for you precisely as you use it as a means of employing your own intellect as a substitute for the instinct of the hen who, you must remember, sticks

to her eggs like grim death for 21 days and nights, and if you want to do good work with an incubator you must take it as seriously as you take your trade and work at it in the same way whether you be "butcher, baker or candle-stick maker." On the other hand it may be possible to bring off, by proper attention, splendid hatches from the cheapest machines. Last June we put 50 eggs in an incubator designed for that number of eggs, and which only cost, freight and duty included, \$7.19. From the 50 eggs we tested out 5 infertile and from the 45 left in we hatched 43 splendid chicks and one cripple, the other egg contained a partly developed chick; if my memory serves me well we hatched in all about 83 per cent. of about 700 fertile eggs. How did we do it? Well, it was not we at all, but a lad of 16 years who did the trick simply by paying attention.

Now going back to our five necessary qualifications

of the machine and taking them in the order as stated, the requisite degree of heat within the machine is always easily obtained if the temperature of the room wherein the machine is running is not less than °50, as it never should be; it is far more difficult to secure an even distribution of heat within the machine, we, ourselves, always finding a tendency to greater heat at the end of the incubator furthest from the lamp and a difference of one eighth of an inch in the level of a machine will often make quite a variation in the distribution of heat in a hot water machine, with hot air machines the writer has had no experience; anyway, always use two thermometers in your machine and vary their positions from day to day for remember, the keeping of a mean degree of °103 is one of the essentials of hatching. Of course if your machine is too hot you can find a remedy by, a, cooling the eggs, being very careful not to expose them to a draught of

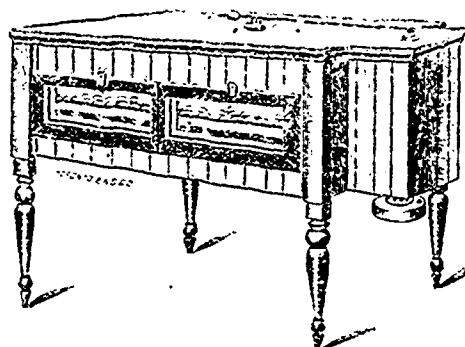
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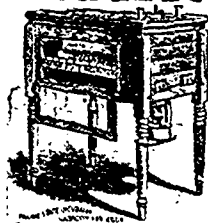
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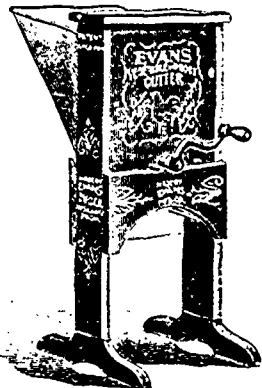
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We find other makers of Incubators are trying to imitate our machines. No person will imitate a poor article; which speaks volumes for the Cyphers. The only safe Incubator to buy. Don't make a mistake and buy some experimental Incubator because it's a little cheaper than the best—the Cyphers. We do what no other Incubator manufacturer will do, viz., if machine is not what it is represented to be we will take it back and return cash. C. J. DANIELS, Sole Agent for Canada.



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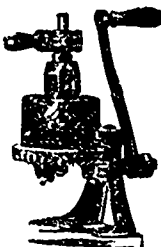
These machines meet a long felt want among poultrymen. They make possible the feeding of green and succulent food in the dead of winter when every spear of grass and green thing is killed by frost. They convert all kinds of roots into fine particles like angle worms that are greedily eaten by all fowls, big and little. The feeding of vegetables thus prepared doubles the egg product and saves fully 50 per cent. of the grain feed. It makes hens lay in winter when eggs are worth the most money. Endorsed by all the leading poultrymen of the country. Buy one and make money from your fowls this winter. Write for free circulars.

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air, b. by adding cold water to the machine ; if it gets too cold try the effect of a blanket folded to the size of the machine and laid on top of it, this will make a difference very often of °7 or °8. If in spite of this the eggs do not heat up, take them out and bury them, they are dead.

As to the quality of maintaining a constant degree of heat it is necessary to bear in mind the want of similarity existing between the hen and the incubator, the hen is herself the source of the heat she imparts to the eggs in her nest, every part of her body is hot and no matter whether the air surrounding her be hot or cold her bodily heat remains the same and as she absolutely prevents the air from coming into direct contact with the eggs it follows that their heat is regular, and although, even without this regularity, it is possible to hatch a large percentage in an incubator yet, the chicks so hatched will never do so well as those that have been hatched at an uniform rate of temperature. What makes it so hard for the incubator to imitate the hen in this matter of uniform temperature is the fact that the machine is built not of warm flesh and blood but of inert, dead, material, wood, metal and glass, every particle of which is everlastingly striving to bring its own temperature into conformity with the temperature of the surrounding air, which fact forces the conclusion upon every thoughtful mind that no matter how well the egg-chamber of the machine is insulated from the surrounding air yet to secure the best results the temperature of the room wherein the machine is located should itself be uniform.

The next point I regard as one of the most important, viz.: an efficient means of controlling evaporation and ventilation without draught, and putting the latter sub-division first, I never came across anything so good as Cyphers' idea of closing all the ventilating openings about your machine, afterwards placing a piece of burning candle inside and shutting the door, if the flame of the candle goes out in a little while your machine is all right in this respect but if it continues to burn strongly then you may know that air is coming in from unsuspected sources which must be found and stopped. I say must. for no matter how good the eggs and the machine may be the ventilation of the machine and its control lie at the very threshold of successful incubation. This is the negative

side of the question, the positive is briefly as follows : Air is needed by the developing germ inside the egg because no living thing can exist without oxygen and while the egg has some oxygen in it yet it is only enough to last the germ for a very little while. But I propose to go more fully into the supply of air in another letter, the point I wish to make here is, that there must be to an incubator a means of absolutely controlling ventilation.

As to a nursery for the newly hatched chicks this is almost an absolute necessity ; it never, or at least rarely happens, that a hatch finishes in less than 24 hours from the exclusion of the first chick, and those which are first hatched are quite strong before their younger relatives see the light and put in their time scrambling over the partly hatched, the unhatched and the unhatchable alike, and it very often happens that in their rambles they get half an egg shell securely glued over the pip in an egg that would surely hatch if given half a chance, so on this account, as well as on their own, the nursery is desirable. For the chicks themselves, after the first hour of their lives, the egg trays are decidedly too warm, the space below the egg tray will be about °95 and this is just right for them ; there they get what they need above all else for the first 48 hours, viz., rest and warmth, this is all they want but they want it in the worst kind of way.

To recapitulate, the machine must be air-tight except in respect of the ventilating holes, must be able to get up and keep a temperature of °103, must have ventilating holes in the bottom of the machine which can be easily and tightly closed, must have in nearly every case a means of supplying moisture and should have a nursery under the egg tray with a means of easy access to it. Given a machine like this, half decent eggs and a person to run the machine who is not absolutely uninterested or unintelligent, and I don't see how a good hatch can be missed ; of course, after all, and with all conditions favorable, remember that in incubating, as in war, success depends on the "man behind the gun."

An interesting account of Ontario-Toronto show by Mrs. Comyns-Lewer, editress of the "Feathered World," London, England, appears in a recent issue of that paper. As showing "across the pond" ideas we hope to find room for excerpts from it soon, if the rush ever lets up.

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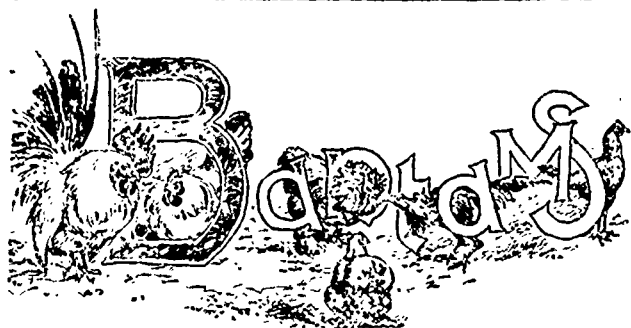
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ANNUAL REPORT OF THE NATIONAL
BANTAM ASSOCIATION.

THE sixth annual meeting of the National Bantam Association took place at Madison Square Garden on Friday evening, February 3rd, 1899. Mr. Crawford, the able Secretary of the New York Poultry and Pigeon Association, made arrangements whereby the concert hall directly over the main entrance to the Garden was made ready for their reception, and the meeting proceeded in commodious quarters. President Williams presided.

The minutes of the meeting of 1898 were read and ordered filed. The report of the Treasurer, showing a deficit of \$6.00, which he explained would be wiped out when \$20.00 are collected, leaving a balance, was received and ordered filed.

The amendment to the Constitution—"and to hold an exhibition annually; an individual show or one in connection with some other association," was unanimously carried. The amendment increasing the annual dues to \$2.00 was lost, the members believing it to be better policy to let the dues remain \$1.00.

The rule was suspended and fifteen new members were added, making a total membership of 76. The meeting voted to elect officers at the conclusion of new business, and immediately tackled the question—How best to prevent the so-called "faking" of Bantams. Mr. Jehl offered the following resolution:—

Resolved—That the National Bantam Association is opposed to the practice of faking Bantams, and a committee of three be elected by the Association to make examinations where occasion requires and to report its findings to the Association for action.

Mr. Glasgow spoke in favor of the resolution, while

Mr. Earle argued that the plan would not prove satisfactory. Finally Mr. Jehl withdrew his resolution and Mr. Glasgow offered in its place the following:—

Resolved—That a committee of three be elected to examine every suspicious exhibit and to report to the committee any act inconsistent with the acts of a gentleman or a fancier, in the shape of faking Bantams.

This resolution provoked a hearty discussion which was prolonged for half an hour when a rising vote was ordered. The President announced the result—9 for—7 against. Several members failed to vote and as the subject meant much to the fancy, the Secretary asked for a reconsideration of the question. The motion was agreed to with this result, for the resolution—none, against the resolution—10.

Those, who on the first vote, placed themselves on record as being in favor of this resolution, upon the reconsideration of it refused to vote. The resolution having been lost, the members continued on the subject, the effort being to punish any exhibitor who will deliberately make an attempt to cheat the judges. It was moved and seconded that the secretary correspond with the judges, respectfully requesting them to make a report to the Association at the annual meeting, all cases where "faking" has been practiced by the exhibitor.

This motion was unanimously carried. The secretary offered the following resolution which was carried without dissent:—

Resolved—That the members of the National Bantam Association are unqualifiedly opposed to the practice of "faking" Bantams, and that they pledge themselves to bring to justice all parties proven guilty.

There being no further new business on hand the election of officers resulted in the re-election of the President, Secretary and Treasurer by acclamation. The President was empowered to appoint a committee of three, consisting of Messrs. Earle, Cornman and Proper, who reported a slate of the members of the Board of Directors and a list of Vice-Presidents. Dr. Treichler was authorized to cast one vote for the election and the Secretary announced the selection of the committee as follows:—

Board of Directors—B. C. Thornton, J. D. Nevins, T. F. McGrew, D. Lincoln Orr, C. H. Proper, Richard Oke, the President, Secretary and Treasurer.

Vice-Presidents—Hon. A. F. Pierce, C. T. Cornman,

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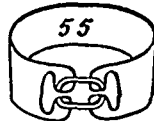
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Games and Game Bantams

Also Fox Terrier Dogs

OUR RECORD AT THE PRINCIPAL SHOWS:

Jan. 1891—New York. 18 firsts, 7 seconds, 4 V.H.C., 4 H.C., 3 ten dollars in gold, also 3 five dollars in gold. 1893—The World's Fair, Chicago. On 45 entries, won 33 firsts, 7 seconds, and 3 thirds. 1898—January—Buffalo, N. Y. 19 firsts out of 20 on Games. First on Game pen; also ten dollars in gold for best collection; also a good share of firsts on Bantams. 1898—January—The Ontario Show at London. We won more specials than all the Game and Game Bantam breeders, including the Champion Game Cup, the Champion Game Bantam Cup, and a wagon load of other Specials, too numerous to mention. 1898, September—The Toronto Industrial. 16 firsts, 14 seconds, 12 thirds and two medals. 1898, September—The Western Fair, London. 14 firsts, 12 seconds and ten thirds. 1898, September—Ottawa Central Fair. 16 firsts, 14 seconds, and 15 thirds. Ontario, Toronto, 1899. 9 1sts, 13 2nds, 14 3rds and 6 specials. At the great New York Show, 1899, 8 1sts, 6 2nds, 3 3rds, 4 4ths and 7 specials.

Birds for Sale at all Times and Eggs in Season.

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F. B. Zimmer, R. A. Homeyer, William McNeil, C.
E. Rockenstyre, Hon. D. A. Nichols.

E. LATHAM,
Flatbush, L.I., Feb. 10, 1899. Secretary.

BREEDING BLACK-RED COCKERELS.

BY P. PROUD.

IN mating up the cockerel pen, I should take the tallest and brightest coloured cockerel I could find, preference being given to one that is short in back with good prominent shoulder points, and care being taken that his breast bone is straight, and that his back toe is well carried in a direct line with the middle toe. Having selected the cockerel, we should now pick out the hens or pullets, latter preferred, to mate with him, with a view of producing good bright coloured exhibition cockerels. To do this we shall require three reachy tight feathered pullets, very pale in hackle to crown of head, discarding those with dark caps and coppery hackles, which are useless in cock breeding. The hackle should be as silvery as possible right up to the comb, the body colour and wings inclined to be red or foxy, with a rich golden edge round each feather. Select the pullets that are shortest in body and tail, and especially those which show a lot of style and reach, and the more prominent the shoulders are the better.

Some breeders prefer to breed from a wheaten pullet to obtain the bright top colour, and although a very satisfactory cross, and one which will give good results in cockerel breeding, yet should this strain by any chance get mixed up with your pullet strain, you will know it to your sorrow; it would take years to repair the mischief done. Therefore, if you decide to use wheaten blood in your cockerel pen, keep the produce rigorously by themselves, and have them all carefully rung; this is the only sure road to success in breeding.

For my own part I prefer to use nothing but black-red pullets in cockerel breeding, such as those stated above, for the simple reason that should one bird get astray the harm done is comparatively small, and the produce will be found in every way quite as satisfactory.

The following season I should pick out three or four of the most likely looking pullets bred from this pen, especially those with plenty of reach, the taller the better, and with these I should mate the sire of them, and put the most suitable cockerel with the hens in place of the old bird. By doing so you are building up a strain of your own, which with care and attention cannot fail sooner or later to reach to success, for it is a well known fact that to secure colour and the other necessary points in Bantams, you must inbreed; still, at the same time it must be borne in mind that there is a happy medium in inbreeding, beyond which it is dangerous to proceed, and in this the young fancier should be guided by the health and stamina of his stock, for if inbreeding be carried too far, the produce will become weakly and difficult to rear; in that case fresh blood should be introduced, and this is best done by obtaining a male bird with a dash of the same strain in him if possible, but not closely related.—Feathered World.

ST. HYACINTHE POULTRY ASSOCIATION.

THE above Association held its first meeting this year a few days ago and the following officers were elected for the ensuing year:—Honorary president, Mr. E. Bernier, M.P.; first hon. vice-president, Mr. G. C. Desaulles, M.P.P.; second hon. vice-president, Mr. E. H. Richer; president, Mr. J. N. Lemieux; first vice-president, Mr. L. A. Guertin; second vice-president, Mr. Charles Peloquin; treasurer, Mr. P. H. Hamilton; secretary, Mr. G. H. Henshaw, jr.; assistant secretary, Mr. de La Bruere; executive committee, Messrs. G. Beaupre, Frs. Renaud, E. de Lottireville and N. Royer.

The members of the Association are confident that much good will be done by the objet-lessons the society will give to farmers of the surrounding districts. They have already won many prizes at the county fairs and they purpose buying a large piece of land where they will experiment on a large scale. Much interest is taken in the work of the Association.

Mr. A. E. Felch informs us, under date of Feb. 20, that a new edition of the Standard is now being run off and that our order would be promptly shipped on their arrival. To those who are waiting we must only ask them to wait a little longer. We will mail at once on receipt.

BANTAMS FOR SALE.

Having purchased the stock of Messrs. Gray & Baldwin, I have a few Cockerels and Pullets to dispose of in

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Readers of the REVIEW do not require to be told the quality of this stock, as the NUMEROUS PRIZES won by Messrs. Gray & Baldwin are sufficient to warrant the stock as being second to none. Write me what you want and I shall only be too pleased to describe you what I have.

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I have A GRAND LOT of birds TO DISPOSE OF in pairs or odd birds in all varieties and offer them for sale AT LESS THAN HALF THEIR WORTH in order to make room. Write me for price list and description of anything you want. BIRDS WILL BE SENT ON APPROVAL to reliable parties.

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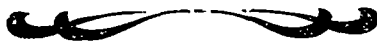


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MINORCAS

MEDAL WINNERS AT LAST
INDUSTRIAL SHOW.

I won Silver Medal for best Cockerel in Mediterranean Class, Medal for best collection of Minorcas, 1st and 2nd on Cockerel, 1st, 2nd, 3rd 4th and 5th on Pullets, 3rd on Hen and 2nd on Breeding Pen. I have for sale 15 good Cockerels from same pen at reasonable prices.

R. DURSTON,

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TORONTO.

I have a few choice birds for sale in

**BROWN REDS AND
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All my Buff Rocks for sale at a bargain, in pairs, trios or any way to suit.

Chas. Bonnick,

EGLINTON, ONT.

SEE REVIEW FOR PRIZES WON AT TORONTO,
LONDON AND OTTAWA

THE PETERBORO SHOW.

A LARGE ENTRY BUT POOR ATTENDANCE.

ENCLOSED, I send you a few stray notes of Peterboro show. Our second annual show was held on January 17th to 19th, and as far as the show is concerned was a grand success, having over 750 birds on exhibition, some of them winners from the Toronto (Ontario) show of the previous week. We had as exhibitors such men as Messrs. E. W. Pearen, Brampton; Wm. Stewart & Son, Menie; J. F. Osborne and W. R. Knight, Bowmanville; McLachlan & Sheridan and Wm. Elliott, Oshawa; H. E. Beckworth, Blenheim; C. Grimsley, Toronto; Trew & Williamson, Lindsay; W. C. Wilson & Son, East Oro; Walter Wright, Cobourg; C. W. Palliser, Campbellford; Capt. J. Jarret and J. Topley, Port Hope; J. H. Parsons, Osaca; J. E. Cullen and Hayward & Co., Lakefield; W. Fisher, Ida; James Baptie, Springville; H. Mackey, F. G. Lund, Harold Snowden, W. Head, F. Head, B. R. Poole, V.S., C. Waller, J. Robson, W. C. Rightmyer, A. G. Parker, E. H. Howson and Harry Hall, Peterboro.

The entries were far in excess of last year, especially in some classes. The pigeons were not well represented, but the dressed poultry was out of sight—superior to that shown in Toronto in both quality and quantity. There was also a selling class of birds, about 35 being offered for sale. I will give you a list of entries covering classes but not the sections: Brahmas 42, Cochins 45, Langshans 15, Dorkings 15, Spanish 12, Plymouth Rocks 55, Leghorns 45, Minorcas 34, Houdans 19, Andalusians 6, Wyandottes 38, Games 13, Red Caps 11, Hamburgs 52, Polands 43, Javas 4, Bantams 25, geese 14, turkeys 11, ducks 18; breeding pens: fowls 20, pigeons 30. Rabbits 2, canaries 10, dressed fowls 26 head.

Mr. G. F. Lund had a freak on exhibition, half Guinea fowl and half Brahma.

All arrangements were complete, waiting for the birds, which were all cooped and waiting for the judge to come and commence his duties, on the first day at noon, which he did on the morning of the 18th, as soon as it was clear daylight, and completed all the

fowl that day, except turkeys, geese, ducks, dressed poultry and the specials. Mr. C. J. Daniels, of Toronto, judged all the classes, and we believe he gave very general satisfaction.

One drawback we had was that the gentlemen who had the bench show in town put their show on one week ahead of ours, well knowing our dates were given out last March, and they having only organized their club in November. It seems they either thoughtlessly or designedly acted rather discourteously in the matter of dates; at any rate it had the effect of spoiling the attendance at our show to a certain extent, and also the fact of hundreds being laid up with la grippe was against the best interests of the managers, who hope to be able to have the pleasure of a very large attendance here next winter at the "Ontario".

Prof. Gilbert of the Central Experimental Farm had promised to be with us, but he wired that on account of sickness he was unable to come.

On the whole we are very well pleased with the show, as was everyone who visited it. The coops belonging to the "Ontario" were used, which greatly added to the appearance of the exhibits.

The building was disinfected to the entire satisfaction of everyone concerned.

Yours truly,
WM. COLLINS,
Secretary.

PRIZE LIST.

Brahmas—Light cock 1 Knight, 2 Head, 3 E. W. Pearen, hen 1 Lund, 2 Knight, cockerel 1 Mackey, 2 Stewart and Son, 3 Pearen, pullet 1 Pearen, 2 Mackey, 3 McLaughlin and Sheridan. Dark cock 1 Wilson and Son, 2 Rightmyer, 3 Pearen, hen 1 Pearen, 2 Wilson and Son, 3 Rightmyer, cockerel 1 and 2 Pearen, 2 Stewart and Son, 3 Wilson and Son, pullet 1 Pearen, 2 Wilson and Son, 3 Stewart.

Cochins—Buff cock 1 Wright, 2 Knight, 3 Pearen, hen 1 Wright, 2 and 3 Pearen, cockerel 1 Pearen, pullet 1 Pearen, 2 Osborne. Partridge cock 1 Pearen, 2 and 3 Wilson and Son, hen 1 Pearen, 2 Knight, 3 Wilson and Son, cockerel 1 Wilson, 2 Pearen, 3 Stewart and Son, pullet 1 Pearen, 2 Mackey, 3 Wilson and Son. A.O.V. cock 1 and 2 Pearen, 3 Poole, hen 1 and 2 Pearen, 3 Osborne, cockerel 1 Osborne, 2 and 3 Pearen, pullet 1 and 3 Pearen, 2 Osborne.

Langshans—Cock 1 Pearen, 2 Robson, hen 1 Pearen, 2 Robson, 3 Palliser, cockerel 1 and 2 Osborne, 3 Pearen, pullet 1 and 2 Osborne, 3 Pearen.

Dorkings—Silver gray cock 1 Palliser, 2 Pearen, 3 Stewart, hen 1 Pearen, 2 and 3 Stewart and Son, cockerel 1 and 2 Palliser, pullet 1 Knight, 2 Pearen, 3 Palliser. A.O.V. hen 1 and 2 Stewart and Son, cockerel 1 Stewart and Son.

Spanish—Cock 1 Osborne, 2 Wright, hen 1 Osborne, 2 Wright, 3 Pearen, cockerel 1 Pearen, 2 Osborne, 3 Wright, pullet 1 Osborne, 2 Pearen, 3 Wright.

Plymouth Rocks—Burred cock 1 Wright, hen 1 Trew and Williamson, 2 Wright, 3 Robson, cockerel 1 Wright, 2 Wilson and Son, 3 Cullen, pullet 1 Trew and Williamson, 2 and 3 Wright. White cock 1 Elliott and Son, 2 Snowden, hen 1 Elliott and Son, 2 Pearen, 3 Snowden, cockerel 1

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The cream of America competing. Our birds won 1st and three Specials, including Silver Cup for Best Cockerel and Special for Best Young Pair. At Massey Hall, 1897, won 1st and Silver Cup for best cockerel and Special for best colored buff Leghorn in show, also 1st cockerel and 1st pullet, 1898. We can supply you with eggs from these grand birds at \$3 per 13, \$5 per 26. A few grand breeders for sale. We breed our winners.

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1 Elliott and Son, 2 Wright, 3 Waller, pullet 1 Elliott and Son, 2 Wright, 3 Pearen. A.O.V. cock 1 Parsons, hen 1 and 2 Parsons, cockerel 1 and 2 Parsons, pullet 1 and 2 Parsons.

Leghorns—Brown S. C. hen 1 and 2 Palliser, 3 Wilson and Son, cockerel 1 McLaughlin and Sheridan, 2 Stewart and Son, 3 Wilson and Son, pullet 1 Robson, 2 Stewart and Son, 3 McLaughlin and Sheridan. White S. C. cock 1 Wilson and Son, hen 1 Stewart and Son, 3 Wilson and Son, cockerel 1 and 2 Trew and Williamson, 3 Robson, pullet 1 and 2 Stewart and Son, 3 Wilson and Son. Buff cock 1 Parsons, 2 Snowden, hen 1 Parsons, 2 Snowden, cockerel 1 and 2 Parsons, pullet 1 and 2 Parsons, A.O.V. cock 1 Stewart and Son, 2 Pearen, hen 1 Pearen, 2 Stewart, 3 Knight, cockerel 1 Stewart, 2 Pearen, pullet 1 and 3 Stewart, 2 Pearen.

Minorcas—Black cock 1 and 3 Jarrel, 2 Palliser, hen 1 and 2 Jarrel, cockerel 1 Trew and Williamson, 2 Pearen, 3 Robson, pullet 1 Robson, 2 and 3 Topley. White cock 1 Snowden, hen 1 Snowden, 2 Osborne, cockerel 1 Osborne, 2 McLaughlin and Sheridan, pullet 1 Osborne, 2 McLaughlin and Sheridan.

Houdans—Cock 1 Pearen, 2 and 3 Trew and Williamson, hen 1 Pearen, 2 and 3 Trew and Williamson, cockerel 1 Wilson and Son, 2 and 3 Trew and Williamson, pullet 1 Pearen, 2 Wilson 3 Trew and Williamson.

Andalusians—Cock 1 Knight, hen 1 Knight, cockerel 1 Knight, pullet 1 Knight.

Wyandottes—Golden cock 1 Fisher, 2 Pearen, hen 1 Fisher, 2 Head, 3 Pearen, cockerel 1 Fisher, 2 Stewart and Son, 3 Pearen, pullet 1 Fisher, 2 Stewart, 3 Pearen. Silver hen 1 Pearen, cockerel 1 Pearen, 2 Knight, pullet 1 Knight, 2 Pearen. White cock 1 Pearen, hen 1 Osborne, cockerel 1 Osborne, 2 Pearen, pullet 1 Pearen, 2 Osborne, 3 Head. A.O.V. cock 1 Grimsley, 2 Wright, hen 1 Grimsley, 2 Pearen, 3 Wright, cockerel 1 Grimsley, pullet 1 Grimsley, 2 Pearen.

Games—Indian cock 1 and 2 Parsons, hen 1 and 2 Parsons, 3 Stewart and Son, cockerel 1 and 2 Parsons, pullet 1 and 2 Parsons, 3 Stewart and Son. A.O.V. hen 1 Parsons, cockerel 1 Robson, pullet 1 Robson.

Red Caps—Cock 1 Waller, hen 1 Hayward and Co., 2 Hodgson, 3 Waller, cockerel 1 Hodgson, 2 and 3 Hayward and Co.

Hamburgs—Golden spangled hen 1 and 2 Baptie, cockerel 1 Waller, 2 Baptie, pullet 1 and 2 Waller, 9 Osborne. Silver spangled cock 1 Pearen, 2 Knight, 3 Wilson and Son, hen 1 and 3 Baptie, 2 Pearen, cockerel 1 Waller, 2 Pearen, 3 Palliser, pullet 1 Waller, 2 Pearen, 3 Knight. A.O.V. cock 1 Elliott and Son, 2 Beckworth, 3 Osborne, hen 1 Elliott and Son, 2 Pearen, 3 Stewart and Son, cockerel 1 Elliott and Son, 2 Stewart and Son, 3 Osborne, pullet 1 Elliott and Son, 2 Stewart and Son, 3 Osborne. **Polands**—Golden spangled cock 1 and 2 Beckworth, 3 Wilson and Son, hen 1 Beckworth, 2 Wilson and Son, 3 Knight, cockerel 1 and 3 Wilson and Son, 2 Stewart, pullet 1 and 3 Beckworth, 2 Stewart and Son. A.O.V. cock 1 and 2 Pearen, 3 Beckworth, hen 1 Pearen, 2 Beckworth, 3 Stewart and Son, cockerel 1 and 2 Pearen, 3 Stewart and Son, pullet 1 Pearen, 2 Osborne, 3 Beckworth.

Javas—Cock 1 Knight, hen 1 Knight, cockerel 1 Knight, pullet 1 Knight.

Bantams—Silver or golden Sebright cock 1 Pearen, 2 Beckworth, hen 1 Pearen, 2 Beckworth, cockerel 1 Pearen, pullet 1 Pearen. Game cock 1 Wright, 3 Head, hen 1 Wright, cockerel 1 Wright, pullet 1 Wright, 3 Head. Pekin cock 1 Wright, hen 1 Wright, 2 Pearen, cockerel 1 Pearen, 2 Wright, pullet 1 Wright, 2 Pearen. A.O.V. cock 1 Pearen, 2 Beckworth, hen 1 Pearen, 2 Beckworth, pullet 1 Beckworth.

Geese—White gander 1 Osborne, goose 1 Osborne. Toulouse gander 1 Knight, 2 Hodgson, 3 Cullen, goose 1 Knight, 2 Cullen, 3 Hodgson. A.O.V. gander 1 Stewart, goose 1 Stewart.

Ducks—Aylesbury drake 1 and 3 Osborne, 2 Stewart, duck 1 and 3 Osborne, 2 Stewart. Rouen drake 1 and 2 Stewart, 3 Knight, duck 1 Stewart, 2 Knight. Pekin drake 1 Knight, duck 1 Knight. A.O.V. drake 1 Lund, duck 1 Lund.

Turkeys—Bronze gobler 1 Osborne, 2 Stewart, 3 Hodgson, hen 1 Stewart, 2 Osborne, 3 Rightmyer. A.O.V. gobler 1 Mackey.

Breeding Pens—ASIATIC—1 Pearen, 2 Lund, 3 Beckworth. MEDITERRANEAN—1 Trew and Williamson, 2 Topley, 3 Jarrel. AMERICAN—1 Trew and Williamson, 2 Parker. ENGLISH—1 Parsons, 2 Stewart, FRENCH—1 Trew and Williamson, 2 Beckworth, 3 Stewart.

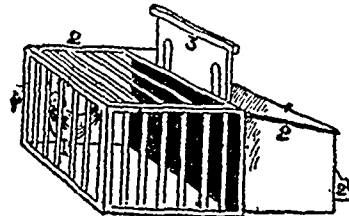
Dressed Poultry—Goose, 1 Mackey, 2 and 3 Cullen. Turkey, 1

Mackey, 2 and 3 Cullen. Pair ducks, 1 Parsons, 2 Mackey, 3 Cullen. Pair fowl, 1 and 2 Parsons, 3 Mackey.

Specials—Best breeding pen in show, E. W. Pearen; best pair turkeys on exhibition, Stewart and Son; best pair white Plymouth Rocks, Elliott and Son; best pair geese, Osborne; largest number of entries in fowls, E. W. Pearen; best pair brown Leghorns, E. W. Pearen; best exhibit of dressed poultry, Mackey; best pair partridge Cochins, Mackey; best pair buff Plymouth Rocks, Parsons; best pair light Brahmans, Stewart and Son; best pair Hamburgs, Elliott and Son; best pair black Minorcas, Robson; best pair Langshans, Osborne; best display Bantams, Pearen; best pair Dorkings, Stewart and Son; best pair Games, Robson; best pair dark Brahmans, Pearen; best bird in show, Stewart and Son; best collection canaries, Mackey; best light Brahma cockerel, Mackey; best pair Red Caps, Robson; best pair Wyandottes, A.O.V., Grimsley; best pair Andalusians, Knight; best pair Game Bantams, Wright; best pair rabbits, Hall; best canary, Mackey; best pair Wyandottes, white or silver, Fisher; largest number of entries by one exhibitor, Pearen.

SAFE AND COMFORTABLE CHICKEN COOP.

THE coop here illustrated will recommend and explain itself to poultry breeders. It is made to answer all requirements for safety, comfort and cleanliness. The coop proper is shown at the right. It has a moveable floor, which should not rest



upon the ground, but upon cleats inside so as to be drawn out to clean and sun. Then put back with dust or litter. Fig. 3 is a moveable door, which slides down when chicks are closed up for the night, and when not, it may be taken out and laid upon the lath run, 4, which is made so as when not in use it fits over the coop, thereby taking less room. There are two ventilators in each end of the coop, covered with wire screen inside, and a little wooden slide outside, which can be regulated according to weather, the door being fastened by hooks and strips, which also keep run in place. If painted it will last a long time.—Mrs. V. W. Griblin, in "Practical Farmer."

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POULTRY AILMENTS.

We invite questions and correspondence for this department.

ROUP IN ITS VARIOUS STAGES.

ONE of the most dreaded diseases among poultry is that of roup, which usually begins with a cold. All fowls are subject to colds, as well as humanity, and should have the same attention that we would give ourselves; for should we neglect to apply a remedy when we take cold, the result might prove quite serious. The same will be applicable in case your fowls take cold, which may be brought about in numerous ways, viz.: roosting in damp quarters, cold draughts of air passing over them in their sleeping apartments, sleeping in small brood coops on the ground, where they are packed so close as to smother some during the night, and those not suffocated are overheated so that when exposed to the

cold air in the early morning a severe cold is the result, and if a remedy is not speedily applied and the cause removed, roup will invariably follow, which of all poultry diseases is by far the most obstinate, sickening, and difficult to cope with, and if necessary precautions are not taken in the start to arrest the disease, it will run through the entire flock and leave nothing but death and destruction in its path. In our opinion roup is more to be feared by poultrymen than the deadly disease, cholera.

Symptoms of roup may be described thus: Fowls begin coughing, sneezing, and sometimes their breathing is heavy, accompanied by a wheezing sound. Eyes become inflamed, head swells, have a watery discharge from their nostrils which sometimes has quite an offensive odor; they are drinking almost continually if they have access to water, which is indicative of their being feverish. As the disease advances the head becomes inflamed, swelling on one or both sides, frequently obstructing their sight, the eye sometimes being entirely destroyed. It may be noticed when fowls are

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 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 to cure we refund the money. Sent postpaid. Small size 50 cents, large size \$1. **Petaluma Incubator Co., Petaluma, California,** Pacific Coast Agents. **G. E. CONKEY & CO., Cleveland, Ohio.**

C. J. DANIELS, 221 River St., Toronto, Ont., Canadian Agent.

Please mention this paper. Do not send stamps.

affected with this disease they have splendid appetites and eat until the last, provided they are not internally affected, in which case they are stupid and a discoloration of their excrement may be noticeable, which is much the same as that of fowls affected with cholera.

CURE FOR ROUP. When fowls are in the advanced stages of the disease, the best remedy is the hatchet,

USE GUEST'S ROUP OR TONIC AND CONDITION PILLS.

If your fowls or pigeons have Roup, even if almost dying, give one Pill every day, for four or five days. They are especially suited for Roup, Rousy diseases, Bad Moulting, Bad Fledging, Weak Young Pigeons, Chickens, Turkey, or Ducks, &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., 1897.

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

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 had some sick birds. He used them last winter and found them good. A good article always will recommend itself.—JOHN FINCH.

Sold in Packets for 25 Cents and One Dollar. Address James H. Cayford, Box 1168, Montreal

as they can seldom be cured, although in the early stages they may be cured by taking a small spring-bottom oil can and injecting in their nostrils and roof of their mouth a little kerosene oil; if heads are swelled, anoint the parts swollen with sweet-oil and alcohol, equal parts, each day. Add some good condition powder to their morning mash. Put about $\frac{1}{2}$ teaspoonful of Aconite to each quart of their drinking water. Keep them in good, dry, comfortable quarters, with an abundance of sunshine in their room, and it should be well littered with straw or leaves, which must be changed frequently. Their drinking vessels should be cleansed with boiling water. The utensils in which they are fed their morning mash should also be cleansed with boiling water, as this is absolutely necessary to accomplish a speedy cure; not forgetting to remove all sick fowls from those not affected, to prevent spreading of the disease.

A subscriber to the Poultry Keeper gives another remedy which he says cures the roup every time. When a chick first shows symptoms of roup, open its mouth and with a small glass syringe insert into the throat as far as possible a little finely pulverized alum. If the disease is in an advanced stage, and the head begins to swell, anoint the swollen parts with common vaseline, also insert some of the vaseline into the nostrils with a small feather. Feed on a liberal supply of bread and milk well seasoned with pepper; to one teacupful of soft food, such as bran or shorts, mix one teaspoonful of castor-oil. Do not neglect to place those affected in a dry, warm place.

CANKER is another disease which may be classed with roup. This disease is quite offensive, but is not difficult to cure. It forms in different parts of the mouth, but mostly at the base of the tongue, or in the windpipe. Sometimes people call this disease diphtheria, which may be the proper name for it as it resembles that disease very much. However, diphtheria in children is sometimes very obstinate and difficult to eradicate, while among fowls it yields to proper treatment quite readily. While some may call this disease among fowl diphtheria, I should prefer to speak of it as canker, which forms in a white or yellow leathery substance in the mouth, as before stated. Remove this substance with some kind of instrument, which may be a stick, nail or anything with which you can perform the work, then apply Sub Sulphate of Iron (powdered form) to

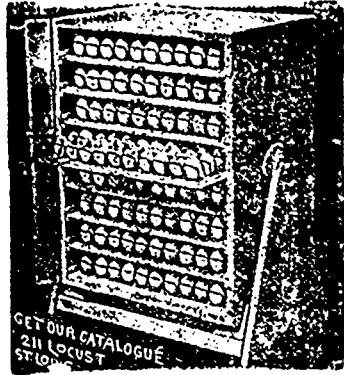
the parts affected, which may be obtained at any drug store, and 10 cents worth will be sufficient to cure many cases. The above is a positive remedy, and a change for the better may be noticed after the first application, which should be repeated until an entire cure is effected, which usually is only a matter of a few days.—Shoemaker's Catalogue.

COUNTY OF PERTH POULTRY ASSOCIATION FORMED.

AN enthusiastic meeting of poultry men was held a few evenings ago in the Corcoran block, Stratford, when it was decided to revive a poultry exhibition at Stratford and to form an organization to be known as the County of Perth Poultry Association. Jas. L. Corcoran presided at the meeting and W. Sanderson acted as secretary. The new organization will be officered as follows: Judge Woods, honorary president; Jas. L. Corcoran, president; P. C. Ferguson, vice-president. These gentlemen were also elected vice-presidents for their respective localities: P. Welihan, St. Marys; Peter Close, Mitchell; John Pletsch, Shakespeare; W. G. Rounds, Downie township; Thos. Male, Listowel; C. S. Grosch, Milverton; Isaac Rank, Tavistock. Directors—W. Hepburn, Dr. W. R. Hamilton, J. Orr, E. W. Harding, Alf. Burnham, W. H. Merry and J. W. Billings, St. Marys; secretary, W. Sanderson; treasurer, Dr. Hamilton; H. M. Johnson and Jas. E. Barnsdale, auditors. A committee was appointed to formulate rules and regulations and to get out membership tickets. The rate of membership will be \$1. It was decided that a general meeting of officers and executive members should be held on Friday evening, Feb. 17, at the same place; also that open meetings be held monthly to commence on the second Thursday of March (9th) for the discussion of various breeds of poultry. Plymouth Rocks will be discussed at the first meeting.

MR. J. H. MINSHALL

has a grand pen of white Rocks this year, which is headed by the first Industrial cock. The drawing of his Ontario pullet, from which the large engraving was made, was etched by Mr. Hill and was a surprise to Mr. Minshall, as he did not know the bird was being delineated. Mr. Hill has made a taking likeness.



Century Revolving Cabinet

(Patented)

A BUSINESS OPPORTUNITY

Every farmer a cold storage man
Patents for sale in Canada, England, etc.Address **WOODS EGG-HOLDER CO.**

599 211 Locust St., St. Louis, Mo., U.S.A.

WINNERS

S. C. Brown Leghorns Buff Leghorns

I am offering eggs for sale from prize-winning stock, mated so as to produce winners. The best breeders in America are represented in my pens.

Buff Leghorns—Pen headed by cockerel winner of 1st at Woodstock, Ingersoll, Brantford and Hamilton, mated to hen and pullet direct from Arnold. \$2.50 for 15 eggs.

S. C. Brown Leghorns—Won 1st cock Woodstock, Ingersoll, Brantford. Pen 1 headed by Plutch cockerel mated to Rice, Wixon, Burgott and Howell pullets and hens. Sure to produce winners. \$2 for 15 eggs.

20 S. C. B. Leghorn pullets for sale. See small ad. for Black Minorcas.

H. G. DOYLE, Grocer, Woodstock, Ont.

See J. & W. Barr's ad. for S.C.W. Leghorns.

399

The BEST INCUBATOR

AND BROODER are not only the best in name, but are also the best in simplicity of running, the best in economy of fuel, the best for a large percentage in hatching, and also "The Best" are the cheapest, being placed so low in price that farmers, amateur poultry keepers, etc., can afford to purchase. **The Best Incubators** are made throughout with thoroughly kiln-dried white pine, and are well put together. It is not got up for show only; it is as well made on the inside as it is without, and is built to hatch.

Incubators, 19-egg size, \$15; 24-egg size, \$22.50. Indoor Brooders \$6; Outdoor Brooders \$8.

Send for our Poultry List—tells you all about our Incubators, explains application of heat, ventilation and moisture, the Regulator, the Nursery, etc.

N. B.—When in doubt use **PEARCE'S TONIC POULTRY FOOD**If troubled use **PEARCE'S ELECTRIC LOUSE KILLER**

John S. Pearce and Co., The Canadian Poultry Supply House,
119 Dundas St. and Market Square,
LONDON, ONT.

BEN. SHAW, Toronto Agent, 273 Hamburg Ave.

RIVER ♦ VIEW ♦ POULTRY ♦ FARM

Rose Comb B. Leghorns won at the Ontario show, 1899, three 1st, one 2nd and one 3rd, gold and silver medal for best collection, special for best pair brown Leghorns, including single combs. Special for best bird in Mediterranean class. Our pen this year can't be beat.

BUFF LEGHORNS. We have the finest pen we ever owned. **BARRED ROCKS.** Our pen is grand this year. See March REVIEW for prizes won at Brantford and Hamilton on Barred Rocks. Cockerel heads this pen scores 91 by Jarvis. **BUFF ROCKS.** Our pen this year is headed by a cockerel with a solid buff wing and a fine lemon color throughout and seven grand females. **BLACK SPANISH.** We have a very fine pen headed by the third cock at the Ontario. **SILVER LACED WYANDOTTES.** Very near all prize winners in our two pens; first pen headed by first cockerel and special at the Ontario. second pen headed by second cock at the Ontario. Birds for sale at all times. Eggs for sale at \$2.00 per 13 of any of the above varieties. See REVIEW for prizes won at six of the leading shows in Dec. '98, Jan. and Feb. '99.

HENDERSON & BILLINGS, St. Mary's, Ont.

CYCLONE FENCE CO.
From 27 to 80 inches.
From 7 to 11 Cables.
Build Your Fence Cheap.
100 Rods Per Day.
TORONTO, ONT.

Star Poultry Yards.

RALPH A. WILLIAMS, Prop.**INGERSOLL, ONT.**

Breeder of high-class poultry.

LIGHT BRAHMAS ANDALUSIANS**GOLDEN SPANGLED HAMBURGS****SILVER POLISH, GOLDEN WYANDOTTES**

Eggs for Hatching \$2.00 per 13.

See REVIEW for prizes won. Send for circular giving 1899 matings. 599

Buff Rocks

EXCLUSIVELY.

The ideal fowl for the fancier and farmer. At Brantford Southern Fair 1st cock, 2nd hen; at the big Ontario 1st pullet, and special for best Buff Rock female. Felch judge; Brantford winter show, Jan. 20-24, 1899, 1st on 5 entries, Butterfield judge, 2nd cock, 1st hen, 2nd cockerel, 1st and 2nd pullets and special for best pair. All my prize winners are in my breeding pens. Eggs \$2.50 per setting. Some stock yet for sale. Satisfaction guaranteed.

200

JOHN J. FOLEY,

Brantford, Ont.

21st City for Best Leghorn Cocks
1st, Cock 1 and Pullet
of New York

Empire State Farm.
BROWN LEGHORNS.
ROCKS, Buff and White.
GEO. H. BURGOTT,
BROWN LEGHORN SPECIALIST,
NEW YORK AND BOSTON
Lawton's Station, N. Y., U. S. A.
WINNERS.

200

Pheasant Culture FROM EGG TO EGG.

By **DR. T. SHANNON MCGILLIVRAY**

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

Price 25c—free by mail

Address:

CANADIAN POULTRY REVIEW,

Toronto, Ont.

EGGS FOR HATCHING from Light and Dark Brahmas that won

wherever shown. At London they won three firsts and one second. I also have the light and the dark Brahma pullets that won first prize at Ontario (Toronto) in my breeding pens. Eggs the same as I set myself at \$2 a setting.

599

CHAS. B. GOULD, Glencoe, Ont.

A GOOD SHOW AT CLINTON.

THE JUDGES REPORT.

OVER 600 birds, and would have been much larger if it had been open to all, but it was a county show and outside entries not taken, which I think was a mistake as "opposition is the life of trade" and it is no honour to win with no competition.

I arrived at 11 p.m. the 24th was met at the station by several fanciers and escorted to the Rattenbury House, which is just the place for an Englishman, good full plates, and no "sample" dishes which you get at some hotels. I was at the show at daylight next morning but not a score card had been made out or put up. It was Mr. Swallow's first experience at a show, but he was quick to take it up and he made out every list, and cards were up in a short time and everything went on all right till I got amongst the white fowls and then the black splashes were on the feathers so I had to throw quite a few out. But if all had been as careful as the gentleman who showed a pen of barred Rocks there would not have been so many disqualified for he had a boy to hold them and a pair of glasses on to pick the feathers out of their shanks, and he did so well that I could not see one, so the boy would not have to say "the judge saw one that we missed, Pa." Well, it was a nice all round show, a good class of light and dark Brahmas with some first-class birds amongst them. Cochins a very fair class. Langshans a good class and some very good ones amongst them—the first cock a grand one—also a first-class pen. Rocks—Barred a fair class, whites very good and good pen first, buff medium. Wyandottes—a good class, goldens the best in the class. Javas—a small class, fair birds. Games—a fair class, might be improved; a fine pyle cock, cockerel and pullet, the three best in the Game class. First Indian Game cock, hen, cockerel and pullet four good ones. Dorkings good, silver grey very good in all kinds. Red Caps a very fair class. Polands—small classes, fair birds some of them. Hamburgs—some very good ones, the best black hen thrown out for white on wing. Houdans a very fair class. Leg-horns—a good class and some fine whites, also a good pen of whites 1st. and some fine brown ones, the winners and a good pen. Black Minorcas—some very good ones, the best cock thrown out for a pure white feather in saddle; whites a nice class. Andalusians some good birds. Spanish very fair. Game Bantams—only a few of any account, Oranmental much the same. Turkeys—Some grand ones, also some good Ducks and Geese. Pigeons fair, also pet stock.

W. BARBER.

THE LAMBTON ASSOCIATION.

ANNUAL MEETING.

THE Lambton Poultry and Pet Stock Association held their third annual meeting at the Hotel Iroquois, Petrolea, on Feb. 3rd. When the meeting was called to order there was a very enthusiastic crowd of members present to hear the financial statement, which showed the society to be in good standing, and also showed the liberality of the business men by the fine list of donations. The election of officers was proceeded with and resulted as follows: Honorary President, J. H. Fairbank, Petrolea; President, H. Mann, Petrolea; first Vice-President, A. G. Brown, Watford; second Vice-President, A. Hill, Wyoming; Secretary, J. W. Kedwell, Petrolea; Treasurer, J. E. Perkins, Petrolea; Auditor, J. A. Jackson, Petrolea; Directors, C. Richmond, F. W. Reynolds, W. Atkinson, F. A. Mann, S. D. Abell, R. B. Smith, R. Laing, George Denham, Petrolea; H. H. Mann, Thos. Drope, Copleston; M. L. Farrel, Oil Springs; T. A. Bonisteel, Wyoming. The Association will hold its next show in Petrolea during December, 1899. It was decided to hold a one-day bench show of dogs in connection with the annual exhibition. The dates selected were Dec. 12th to 15th, but it may be necessary to alter them for the judge's convenience.

HAMILTON POULTRY BREEDERS' BANQUET.

THE members of the Hamilton and Wentworth Poultry and Pet stock Association held their annual banquet at the Crystal cafe a few nights ago. Edward Dickenson, the President of the Association, occupied the chair, and George Henderson was in the vice chair. The following toast list was introduced by the chairman:—

The Queen, the Governor-General and Dominion of Canada, the President of the United States—responded to by Dr. McGillivray, Visiting Exhibitors—responded to by Reeve Livingston of Grimsby and Mayor M. T. Burn of Tilsonburg, American Visitors and Fanciers—responded to by J. P. Lang of Niagara, Falls, N.Y.

Toasts of the various breeds were also introduced by the vice-chairman and responded to by local breeders.

After partaking of the dinner and listening to the speeches all present adjourned to the parlors, where a couple of hours were spent in song and story by Matt Richardson, the superintendent of the show, and others.



THE AMERICAN BUFF PLYMOUTH ROCK CLUB.

THE third annual meeting of the American Buff Plymouth Rock Club was held at Tattersall's Building, Chicago, Ill., Jan. 11, 1899.

In the absence of the President, Dr C. J. Andruss, the meeting was presided over by the Vice-President, F. C. Shepherd.

The roll-call was responded to by four members from New York, six Illinois, one Indiana, one Missouri, two Iowa, two Ohio, two Michigan, and two applicants for membership from Illinois, one from Indiana and one from Ohio. Fifteen applications for membership were received all of which were accepted.

The officers elected for the present year were: President, F. C. Shepherd, Toledo, O.; Vice-President, G. W. Hamm, Battle Creek, Mich.; Secretary-Treasurer, W. C. Denny, Rochester, N.Y. Executive Committee, President, Secretary and H. E. Benedict, Elmira, N.Y.; R. G. Buffinton, Fall River, Mass.; Will. F. Fry, Chicago, Ill. Honorary State Vice-Presidents, D. H. Foster, New York; Geo. W. Wills, Iowa; F. E. Mow, Indiana; J. R. Bowles, Missouri; R. H. Essex, Ontario, Can.; J. F. Harral, Illinois; S. Z. Harroun, Michigan; B. F. Huntington, Wisconsin; Frank H. Hawley, Ohio; V. K. Dayhoff, Maryland; F. Gilman Taylor, California; J. M. Hill, Colorado; E. W. Brown, Connecticut; W. H. Scovil, Maine; Dr. O. C. Link, Nebraska; Frank Woodbury, 2nd, Massachusetts; Dr. T. J. Rush, Ok. Terr.; J. E. Rooker, New Jersey; D. Shields, Pennsylvania; D.

B. Frontis, South Carolina; H. Collier, Washington; W. D. Lathrop, North Carolina; W. A. Chase, Kansas.

The club is one of the largest and strongest in the country, has a membership to date of 170, and new members expected. Beside offering a handsome and valuable cup at Chicago, five others were offered to States having ten or more members. These specials brought out large exhibits in each State excepting Illinois.

Let all reliable breeders of our variety who have not yet joined our club, send their application with \$1 for membership fee and \$1 annual dues to October 1st, 1899, to the Secretary-Treasurer.

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

AMERICAN HOUDAN CLUB.

PRESIDENT, Frank W. McKenzie, Concord, Mich.; first Vice-President, D. C. Trew, Lindsay, Ont.; second Vice-President, F. A. Roswell, Lorin, Cal.; third Vice-President, C. E. Petersen, Pemaquid, Maine.; Secretary-Treasurer, Thos. F. Rigg, Iowa Falls, Iowa. Executive Committee—James Forsyth, Owego, N.Y.; J. B. Thomas, Jr., Norwalk, Conn.; W. A. Roberts, Kansas City, Kansas; A. Wookey, Peoria, Ill.; N. Nelson, Fort Worth, Texas; S. D. Lance, Troy, Ohio.

The club has members in every State and territory, in Canada, Mexico, Central America, and is extending its membership to further quarters. It is doing much for the Houdan and the business of every member. Every Houdan breeder should join the club and thus get in close touch with the Houdan trade and about all the representative breeders. No Houdan breeder can afford not to be identified with this organization. The membership fee is \$1.00, which includes 50 cents for yearly dues.

THOS. F. RIGG, Sec-Treas.
Iowa Falls, Iowa.

At the R. I. College of Agriculture and Mechanic Arts (Kingston), the special course of instruction in poultry culture for 1899 began on January 9th and continued four weeks.

Nearly forty applications for enrollment for the course were received, but owing to the limited accommodation the class has been kept down to about twenty in number. Several who could not take this course have enrolled their names for the next in 1900.

Please announce the show dates of the next Boston show for January 15-20, 1900. All communications as to same should be sent to A. R. Sharp, Taunton, Mass.

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 results of his experience for the past thirty years. He will be glad to answer questions or afford information on any particular subject.

THERE are certain "curious" folk to be met with in every line of business; the poultry line is no exception. There is the man who "always adopts natural methods, you know." He adopts natural means in getting his eggs, that is, he waits until the warm weather of spring starts his hens to lay and at a time when prices are away down. A few months after he will write and tell you of the great number of eggs his hens laid "beginning early in spring." You ask him why he did not have his hens laying during the winter, so as to reap the harvest of high prices in Toronto, Ottawa or Montreal markets; but he gives you no reply. Again he writes that by adopting "natural methods" he puts 13, 15 and even 18 eggs under a hen and every egg hatches! But he does not tell you that he waited until the hens became broody—late in the season—and that they were running out meanwhile. But up-to-date poultry keepers are trying hard to get results by means anything but natural. We want our hens over their moult and laying well by November. We want a steady out-put of eggs in winter when they are 25, 30 and 35 cents per doz. And what is still more "agin" nature, we want—from the same hens—early fertile eggs to put into our incubators, so as to have early chicks for market or pullets for early layers. Maybe, for early hatching, it will pay to have a certain number of hens mated up during early winter and only lay eggs to put in the incubator, or, incubators. Ask the market gardner how he manages to have his early green stuff.

Another sort of freak is the innocent young man who has gone into counting-room or shop and has lost his health. He has read returns which prove to him that there is money in hens, and he wants to know the quantity of land, description of houses, acreage of grain to be grown and number of fowls necessary to

make a comfortable competency. You ask incidentally if he knows anything about poultry management. Oh, no; but it is soon learned! He has probably served an apprenticeship of years to learn the business in which he has lost his health, but he can keep a few hundred hens successfully with very little knowledge! And the country is full of such failures, who will tell you "that there is no money in hens." What should he have done? Why, learn all about the business thoroughly. It may take him years as it doubtless did to learn his dry goods or hardware business. And after he has thoroughly learned the business he will find that there is plenty of money in it, but it takes brains, skill, perseverance and energy to make it. The day when any old woman could keep hens and make them pay is gone, and for ever.

Another mild form of lunacy is in the man who has a son, a brother or cousin who has one leg, one arm or one eye, and who, "unfitted for every other business, he thinks of starting in poultry keeping." And then follow the usual questions as to number of hens, description of houses and plant and probable revenue. Now every poultryman who has successfully kept poultry knows that it takes a man sound in mind and limb, with a clear brain, two eyes, two hands and two feet to get there. And having got there, while he is willing to answer all reasonable questions, he is not likely to give away his business to all the world on the slightest provocation.

A farmer came to me one day in late April or May, and said, "I saw \$1.50 per pair paid for chickens today and during the winter I saw 60 cents per dozen paid for eggs."

"No doubt you did," I replied, "but the chickens were early broilers and the eggs new laid. I can tell you where you saw both occurrences."

"Where?" said he.

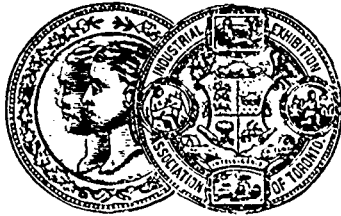
"At such and such a place," I answered, naming a well-known club.

"Yes," he said, "and I want to know how to get the chickens so as to get the big price. Eggs aint so difficult to get. Where are your incubators?"

"Perhaps getting chickens or eggs is not as easy as you think," I remarked.

"Say, Mister," he replied with emphasis, "what one man has done another can if he only knows how."

"Right you are." I answered, and then we had a



TORONTO INUBATORS

Highest Awards at Toronto
Industrial Exhibition

Winning 2 Silver Medals and Bronze Medal

Guaranteed to do as good work as the best Yankee incubator, if not better. The following is from a well known resident of Toronto:

21 King Street West, Toronto,

May 17, 1898.

My fourth hatch for this season has just been completed, with the following result: 100 eggs, 96 fertile, 96 healthy chicks. [Signed] L. H. Baldwin.

Before you place your order, write for our Circulars and prices. Address

T. A. WILLITTS, 514 DUNDAS ST.,
TORONTO, ONT.



These two strains have won **MORE PREMIUMS** during the last four years, when competition was hotter than ever before, than **ALL OTHERS COMBINED**. The \$250 Club Cup is included. The winnings of our customers, and the "Garland" record, north, south, east and west, tell the story. We are now prepared to furnish stock from both.

Elmira Winnings—Minorcas—Hot class. \$25 special for best display, also cock 1 (tie); hen, 2, 3, 3, 5; cockerel 1, 3, 5; pullet, 1 (tie), 3, 5; pen, 2. **Black Javas**, cock and cockerel each 1; hen and pullet, each 1 and 2; pen 1. **Black Cochins**, all 1sts and 2nds except pen 1st. **Indian Game**, only four shown, cockerel 1, hen 1 and 2, pullet 2.

Eggs from either or some from each, \$3 for 13, \$5 for 26. **PACKED TO HATCH.**

Address **J. Y. BICKNELL, 314 Vermont St., Buffalo, N. Y.,**
Poultry Farm at Darien, N. Y.
or **C. S. WHITING, Darien, N. Y.**
Name the **REVIEW**. My Score Cards and Rubber Bands will be furnished by the Editor of the **REVIEW** and duty saved. **J. Y. BICKNELL.**

Eggs for Sale at \$3.00 per 13

\$5.00 per 26.

I GUARANTEE SATISFACTION TO RESPONSIBLE PARTIES.

I breed **HOUDANS**, all Varieties of **POLANDS** and **HAMBURGS**, and **BANTAMS** other than Game.

My birds have been very successful in the show pen, having won since last fall 261 regular prizes, 12 specials and 3 diplomas. A grand lot of birds in all my pens. But one bird under 90, and that 89½, others up to 95. 2nd Ontario cock heads my pen of Houdans.

A few odd birds for sale in Polands and Hamburgs. I will satisfy buyers.

200

H. E. BECKWORTH,

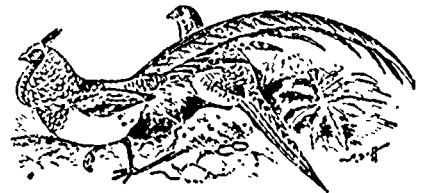
Proprietor Polish Poultry Yards,
Box 251, Blenheim, Ont.

Orchard Grove Poultry Yards, J. L. PAGE, Proprietor,

BREEDER **Rose-comb White Leghorns Exclusively**
Woodstock, Ont.

This season's winnings—Woodstock, all prizes and tie for highest score in show, 800 entries. Ontario, Toronto, 2nd cock, 2nd hen, 1st cockerel, 1st pullet and special for best White Leghorn male, rose or single. Also bred and raised 1st cockerel and 2nd pullet at Boston. Stock and eggs for sale. I breed my winners.

399



Send stamp for circular and price list.
Address

CANADIAN PHEASANTRY,
Hamilton, Ont.

On R. C. W. Leghorns



every exhibitor who has won a first prize at Canada's great Ontario Poultry show since 1892, had to get my strain before they could get the coveted ticket.

EGGS \$2.00 PER 13.

W. J. BELL,
ANGUS, ONT.

599

Saugeen Poultry Yards.

THOS BROWN, Sec. DURHAM, ONT'

Breeders of high-class poultry in the following varieties:—

White and barred Plymouth Rocks, black Javas, S C. white and brown Leghorns, silver Duckwing Leghorns, R. C. brown Leghorns and white Holland Turkeys.

WINNING THE INDUSTRIAL MEDAL ON BEST COLLECTION BLACK JAVAS, and one first, three seconds and one third and special on six entries of white H. Turkeys. **STOCK FOR SALE NOW. EGGS IN SEASON.** See **REVIEW** for prizes won at the Ontario and Owen Sound shows. 599

Plymouth Rocks

Barred
White
Buff

Also Rouen Ducks and Belgian Hares.
At the Western Fair, London, Sept. 1897, and Ontario Poultry Show, London, January, 1898, I won more prizes in the Plymouth Rock class than any other exhibitor.

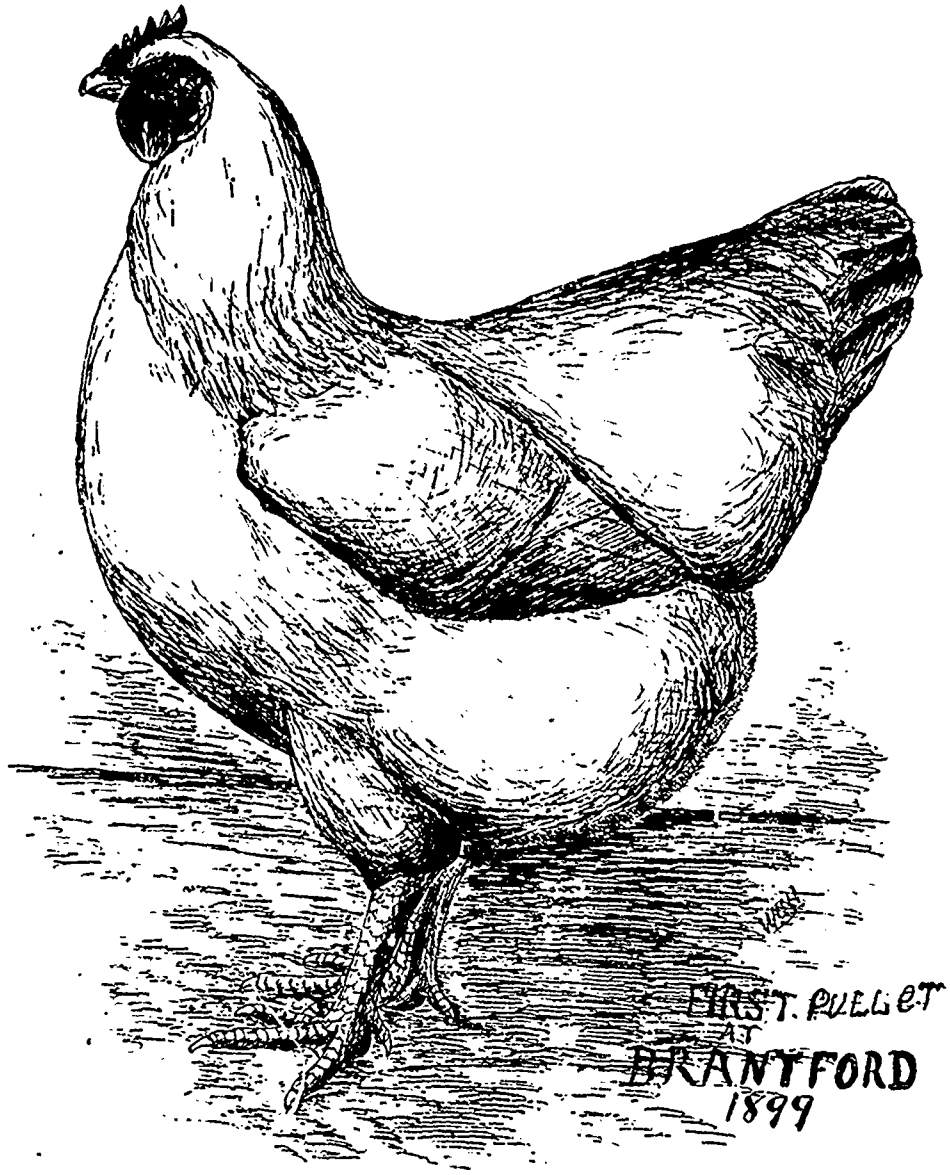
Lambton Poultry Show, Petrolia, Dec. 1898. I won on barred P. Rocks 1st and 3rd cock, 1st hen, 2nd cockerel, 1st and 2nd pullet. White P. Rocks, 1st and 4th cock, 3rd and 4th hen, 1st and 3rd cockerel, 2nd and 3rd pullet. Buff P. Rocks, 1st and 3rd hen, 2nd cockerel, 1st and 4th pullet. Eggs \$2 per setting straight. **JOHN W. KEDWELL,**
Petrolia, Ont.

S.C.W. LEGHORNS THAT WIN

First cock at Ontario, '99, shown by Doyle, first at Woodstock, first at Ingersoll, scored by Smelt, 94 points, Butterfield 94. This bird was never washed or kept out of the sun and is as white as any bird you ever saw, and not a particle of white in his face. Mated to 5 pullets, score 93½ to 95. Every bird shown by us was raised in our yards.

Eggs \$2 per 13. **J. & W. BARR,** Jewelers,
Woodstock, Ont.

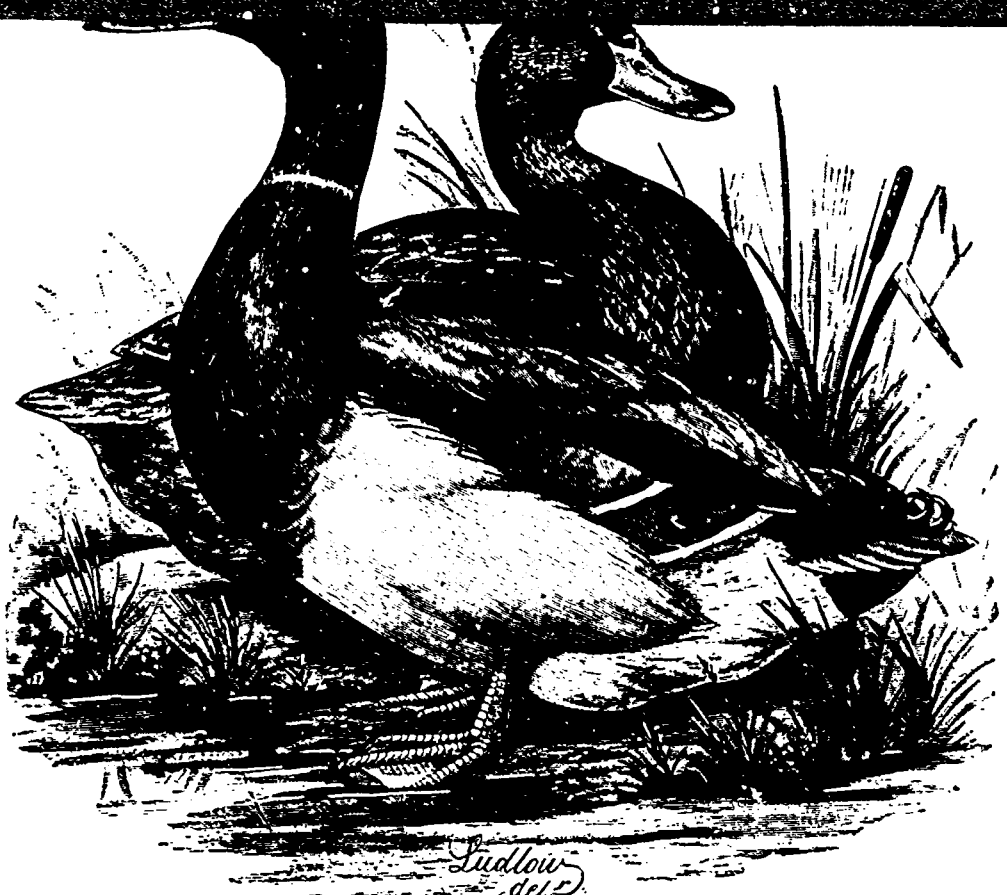
See Doyle's ad. for Minorcas and B. Leghorns



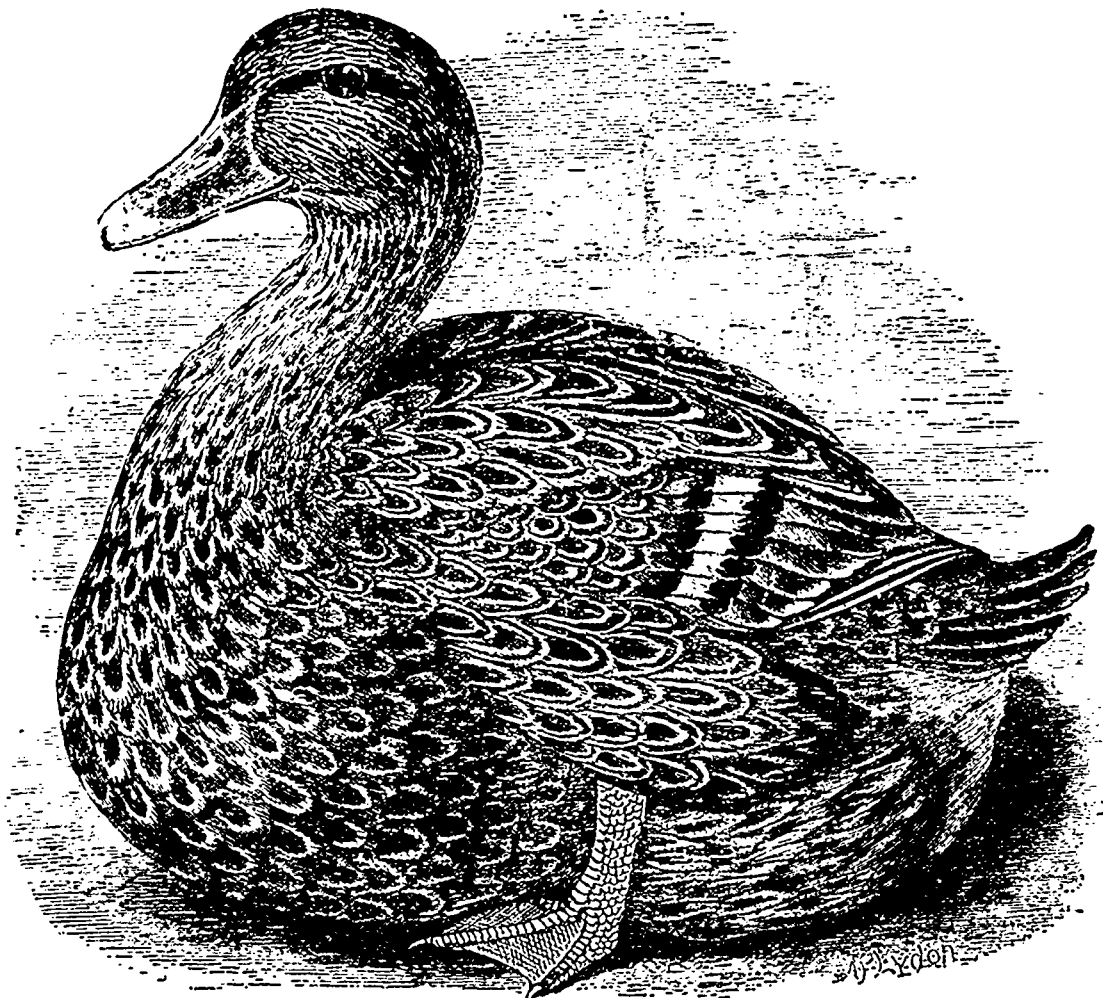
WHITE PLYMOUTH ROCK PULLET "SNOWFLAKE."

1st Ontario Show, 1st and special Guelph, 1st Galt, 1st and special Brantford.

Bred and owned by J. H. Minshall, Brantford, Ont.



Sudlow del.
PAIR ROUEN DUCKS.



W. Woodcut

great old talk which it would have done farmers good to have heard. That farmer brought out many good points, such as "the opportunities farmers living near cities or large towns have," "the money in winter eggs and early broilers," "can the farmer have early fertile eggs," etc. The farmers are taking to poultry beyond peradventure.

Prof. Robertson, in his recent address at Brockville, said that an Ontario merchant had received an order from a firm of poultry dealers in England for 2000 chickens per week of same kind as first Government Experimental shipment. Two thousand chickens per week, of superior quality, is going to draw upon the energy, skill and enterprise of a large number of farmers. It means money in the pockets of the farmers who respond to the demand. The issue will be awaited with interest. And this is only the beginning of many similar orders. The farmers cannot supply themselves with the rapid flesh forming thoroughbreds too quickly.

At the recent poultry show in Montreal I met Mr. H. C. Thomas, representing Messrs. Prinbe & Sumater of Minouk, Illinois. He told me that he was in Montreal arranging for the shipment of 200 tons of poultry to the English market in cold storage, in one of the steamers from St. John, N.B., or Portland, Me. The shipment came to Montreal in cold storage and consisted principally of chickens. He said that his firm bought every year three hundred thousand dollars worth of poultry from the farmers in their neighborhood. He was delighted to learn of the figures obtained for first experimental shipment. It will thus be seen that there are others than Canadians interested in the English poultry trade. But we must not be out-rivalled. We have the conditions in our favor and must be first.



R. B. Millard has but one pen of each of his fowls and offers eggs from them at \$8.00 per 13. He gives the recent winnings of the birds in his pens.

Dr. Bell, who has not yet disposed of his buff Cochins, offers eggs for sale at \$? " per setting. He bred his winners at the recent Ontario show.

Two hundred and seventy-nine prizes in one season is not a bad record and this is H. E. Beckworth's claim for his Polands, Hamburgs and Bantams. He offers eggs for sale and has a few odd birds to dispose of. Look up his now display ad.

Mr. C. J. Daniels has purchased all Mr. J. A. Pierson's stock of white Rocks, also good will of same. Any one wanting eggs this season from white Rocks can't do better than place orders with Mr. Daniels. His pen contains his 2nd prize cock at Pavillion (the Ontario Show), also first prize hen at Industrial in September, in fact all of the pen are prize winners and a grand lot. Mr. Pierson has taken up white Langshans.

John J. Foley breeds buff Rocks exclusively and as this fowl is daily growing in favor he should secure a share of any business going as his are winners and his winners are in his pens.

Woods Egg-Holder Co. offer a novel and most practical article in this issue in an egg cabinet. We notice the Canadian and English patents are for sale and there should be money in them in these days of cold storage. Full descriptive circular will be sent on application. It is a good thing, look into it.

See H. G. Doyle's ad. for a list of his wins on buff Rocks and brown Leghorns. He has eggs for sale.

Hawkins' Royal Blue strain of barred Rocks are so well known that we need do little more than draw attention to the fact that they are advertised on our front cover page. A. C. Hawkins also breeds white Rocks, buff Rocks, silver and white Wyandottes and offers eggs for sale from all varieties. Look his ad. up and study it. Catalogue free.

L. H. Meiklejohn has grand S. C. B. Leghorns and black Minorcas in his pens for this season and offers eggs from both for sale.

W. Barber & Co. did well at New York on Games and Game Bantams and the prizes they won have been added to the list of wins in their ad.

Chas. B. Gould is a Brahma breeder and offers eggs from London and the great "Ontario" winners. He breeds both light and dark.

H. S. Babcock writes a letter to you. See it on cover page. He wants to sell eggs for hatching.

T. A. Cox offers eggs for sale from birds of several varieties that he claims have won 500 prizes since last September. The 1st Ontario cockerel heads his light Brahma pen. Look up his ad.

J. W. Porteous is a barred Rock specialist and offers eggs for the next few months. Look up his ad.

H. H. Willis extends his ad. by taking one of our popular one-fifth column cards for a year. He breeds barred Rocks and black Minorcas, a strong team, and offers eggs at reasonable rates.

W. J. Gordon, in renewing his for sale ad for a year, advertises white Wyandotte eggs from record bred egg laying strain.

(Continued on page 41)

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.

	3 Mons.	6 Mons.	12 Mons.
One Page.....	\$30 00	\$50 00	\$75 00
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Quarter column.....	6 00	10 00	15 00
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Breeders' Directory, 1-5 col card, 1 year \$8; half year, \$5.

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

Back and front cover pages a matter of special correspondence.

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

All communications and advertisements must be in our hands by the 15th to insure insertion in issue of same month. Address, H. B. DONOVAN
124 Victoria Street, Toronto, Ont.

For Sale or Exchange.

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

THESE RULES must be followed
1. Payment MUST be made in advance, the amounts are too small to permit of bookkeeping.

2. Write copy for ad on a separate sheet from any other matter, and on one side of the paper only.

3. See that ad. is 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.

Unless above rules are followed we cannot guarantee correctness.

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. Advertisement 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. Any one buying these Coupons can use them at any time in lieu of money when sending in an advertisement. Not less than four Coupons valid.

Andalusians.

Andalusians I am offering special value in this variety for the next thirty days. Both exhibition and breeding stock for sale. Newton Cosh, Box 218, Brantford, Ont. 599

Andalusians with a record sky high. At America's two greatest shows, Ontario, Toronto, and Madison Square Gardens, New York, won every first and special prize. I have twenty male birds for sale yet, of which some will be sold cheap, as they are slightly frost bitten. No eggs for sale. Newton Cosh, Box 218 Brantford, Ont.

Andalusians for Sale One cock, two hens, show birds. Eggs from my finest matings of Spanish and Andalusians, \$1.50 per 13, \$2.50 per 25. J. Yates, Lambton Mills, Ont.

Bantams.

Bants for Sale 1 trio black Africans, 1 pair buff Pekins and four pullets, and 1 golden Sebright cock, will be sold cheap if taken this month. Bert Hicks, Woodstock.

White Game Bantams After mating my pens I find I can spare a nice pair at \$8 and two pairs at \$6 per pair. Bred from my own strain.

Birchen Game Bantams Two pairs at \$1.50 per pair, bred from a cock winner at New York, last Ontario, Industrial, etc. Sent on approval where money is deposited and all expenses paid. H. B. Donovan, Toronto.

Black-breasted Red, pyle Game, golden and silver Sebright Bantams. See premiums won at Hamilton. A few good ones for sale. Write for what you want. J. B. Lang, 907 Ont. Ave., Niagara Falls, N.Y. 499

For Sale Black Cochon and white Game Bantams. My black Cochon Bantams made almost a clean sweep at the Ontario, Toronto, Jan. '99, winning 1st and 3rd on cocks, 1st and 4th on hens, 2nd and 4th on cockerel, 1st on pullet, and special for best male and best female. I have some good cocks, hens, cockerels and pullets for sale, also some white Game Bantams. Eggs \$2.50 per 13. T. J. Kelley, 146 Oxford St., London, Ont.

Some Nice Silver Sebrights, \$3 per pair, cockerels \$1.50. One yearling and one young pair black Africans, \$3 per pair; 1 cockerel \$2 each. Card for reply W. H. Groat, Grimsby, Ont.

Buff and Black Pekins One pair golden Sebright \$2, one silver cockerel \$1. Eggs \$2 per 13. Orders booked now. C. Elsele, Guelph. 499

Black African Bantams Eight of nine exhibited at Montreal, 1899, won three firsts, three seconds and four specials, including Lord Strathcona cup, Smith Bantam cup and Aberdeen medal. If you want prize winners and are willing to pay fair prices, write me before enquiring elsewhere. Enclose stamp. E. F. Murphy Ottawa Ont.

C. H. Proper, Edmeston, N.Y.—America's best golden and silver Sebright, white and buff faced Polish Bantams. Highest honors at New York for three years in succession. 629

A Word in Season My winning black red and pyle Bantams at Galt, Brantford and Hamilton must be sold. Snap for some one. F. M. Wolfe, Galt.

Brahmas.

Light Brahma cockerels and pullets for sale, quality and prices right. L. G. Jarvis pronounces them a good lot, purchasing a cockerel for the Model Farm Guelph. W. D. McKenzie, Galt, Ont.

For Sale Light Brahmas—Two hens and cock (D. A. Graham strain); two pullets and cockerel (cockerel Hartnest Farm strain). Must sell at once. W. J. Gordon, Pickering, Ont.

Light Brahmas—A number of good pullets still left. Eggs next month from my prize winners at \$2 per dozen. John Cameron, 23 Superior St., Brantford, Ont.

Ho for Light Brahms Fine large birds, grandly marked and feathered, from good prize winning stock, fed to produce fertile eggs, at \$1.50 per 13. Satisfaction guaranteed. Sherwood Bros., Fergus, Ontario. 399

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 each.

Cages, Japanned From 35c. Cages, brass from 50c; Cages, breeding, from 75c; Cage appliances, nest and nesting, seed, etc.; everything in the bird line at Hope's Bird Store, 109 Queen Street West, Toronto.

Parrots, Cockatoos, Love Birds, Paroquets, Parrot Cages, Parrot Food, Gold Fish, Fish Globes, Bird Cages, Seeds, etc., etc. Fancy Pigeons, Guinea Pigs, Rabbits, etc. A large stock now on hand at Hope's Bird Store, 109 Queen Street West, Toronto.

Cochins.

Buff and Partridge Cochins—On top again. At Ontario show, 1899, we won four first, three seconds, one third and two specials. See Review for prizes won. Young stock for sale. Stamp for reply. Address Hugh Wyatt, London.

Dogs.

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.

Black Cocker Spaniel Bitch, 2 years old, and four puppies 3 months old, for sale or exchange for thoroughbred hens or pullets. E. C. Parker, Compton, Que.

Dorkings.

Eggs for Sale from prize pen silver Dorkings, \$1.50 per 13. Also my prize winning male birds at Clinton, \$1.50 each to clear. George Irwin, Seaforth, Ont.

Game.

For Sale Good pyle Game cock, 1st Massey Hall show as cockerel and 2nd at Industrial, '98. Apply Geo. E. Manson, 333 Pape Ave., Toronto.

For Sale—Cornish Indian Game, five cockerels, ten pullets, bred from same pen as first cockerel at Ontario, '99, also two hens two years old. E. T. Nims, Dresden, Ont.

For Sale Red pyle Game, two hens, three pullets; also one cock, three hens and two cockerels in pyle Bants; all yellow legged Eggs in season. Geo. Chamberlain, Guelph.

For Sale—First and second prize birds at Industrial and Ontario, pyles, duckwings and birchens, and a few black red pullets. Eggs in season. F. Troth, 266 Salem Ave., Toronto.

Indian Game Eggs \$3 per sitting. At Peterborough Poultry Show on eight entries won 4 firsts, 4 seconds and all specials. At Brockville (Eastern Ontario), on seven entries won 1 firsts, 3 seconds and all specials. J. H. Parsons, Osaca, Ont.

Close Bros., importers and breeders of high-class exhibition Game and Game Bantams. Rouen and Aylesbury Ducks. Birds for sale at all times. Eggs in season. Stamp for reply. Mitchell, Ont. 200

Cockers Enclose stamp for circular of Games and gaffs, containing portraits of famous pit winners, together with notes on conditioning, heeling, dubbing, etc. Mention REVIEW. H. P. Clarke, Indianapolis, Indiana. 639

Exhibition Games and Game Bantams, black red, duckwing and pyles. I have for sale some extra fine birds with great reach and good sound color, at reasonable prices. Eggs in season. A. J. Grigg, Jeweler, Clinton, Ont. 100

Free, \$1.00 Egg Circular—Games, Irish black reds, Heathwoods, Irish and Mexican grays, Tornados, also Rouen and Pekin ducks, Cornish Indians \$2.00. Stock at all times. C. D. Smith, Fort Plain, N.Y. 1029

For Sale—All varieties of exhibition Game and Game Bantams, bred from the best imported stock and fit to win in fast company. Eggs in season. C. W. Treadgold, Blenheim. 539

Hamburgs.

Elmvale Poultry Yards—S. S. Hamburgs, 2nd cock Montreal heads pen. Won all prizes at East Peterboro exhibition. Eggs \$1 per 15. W. H. Brethen & Son, Norwood, Ont.

Houdans.

One Houdan Cock and two cockerels for sale, good birds, fair price. D. C. Trew, Lindsay, Ont.

We have 1st Cockerel at London, 1898, mated to a grand pen of females. Eggs \$2.50 per sitting. Express prepaid in Ontario. W. Elwood Pollock, Norwich, Ont.

Langshans.

Black Langshans—Winning at Huron Poultry Exhibition, 1898, 1st cockerel (93), 1st, 2nd, 3rd pullets (93, 91, 93) on four entries; 1899, 1st and 2nd hen (93) and (92), 1st and 2nd pullet (93 and 91); 1st breeding pen; also tied for 2nd cockerel in seven entries. Write for prices of eggs. Russell Johnson, Seaforth, Ont.

Langshan Eggs \$3 per sitting. Won at Ontario 1st cockerel, 1st pullet, 2nd pullet, 2nd and 4th hens and 4th cock, won American Langshan Club special, also won \$5 special for best Langshan cockerel. R. McCurdy, 176 Oxford St., London, Ont. 499

Eggs for Hatching Black and white Langshans, winners wherever shown and will hatch winners for you. Won the bronze medal at the Industrial for best collection of Langshans and all firsts and specials at Guelph Poultry Show also buff, white and black Cochins Bantams. A good hatch guaranteed. H. Karn, Guelph, Ont. 329

Black Langshans. My birds are winners wherever exhibited. At Toronto Industrial 1st prize exhibition pen and VHC hen and at Ottawa 1st hen, 2nd and 3rd pullet, 3rd cock. A few choice pullets from 1st prize Industrial pen for sale. Satisfaction guaranteed. E. J. Dewey, 200 Carleton St., Toronto.

Leghorns.

For Sale—Three choice single comb white Leghorn cockerels, \$1.50 each; eggs for hatching from barred and white Rocks, single and rose-comb white Leghorns, single and rose-comb brown Leghorns, white and black Minorcas, \$1 for 13. Malcom Dulmage, Belleville, Ont.

Eggs for Hatching From grand pen of S. C. brown Leghorns, \$2 per 13. Prize winners at Toronto and London shows. J. Strongtharm, 160 Carlaw Ave., Toronto

Superior Quality Leghorns, rose and single-comb. Reliable eggs, lucky number, 15 for \$1.50; white, snow white, black, green black, brown, robin brown, male birds. Good stripping, saddle, hackle. All have bright bay eyes, good yellow legs. winners. S. Tillson, Blenheim, Ont.

S. C. B. Leghorns Exclusively—There is in my yards Burgott, Howell and Wixon strains—birds that score from 92 to 91 points, including my strain that won 1st and second pullet in 1896 at Woodstock, also at Galt under Jarvis as judge, score 93 each. Eggs \$1.50 per 13. See Barr's ad. for white Leghorns. J. G. Taylor, Box 385, Woodstock, Ont.

For Sale—S. C. B. Leghorns, three cockerels and six pullets, scoring 90 to 91. Eggs from pen of five scoring 91, 91, 91, 95, 95, also eggs from pen of buff Leghorns, winners at shows this season. See February REVIEW at Galt three 1sts, 2 seconds, 1 third. W. J. Powell, Huron St., Galt, Ont.

S. C. White and buff Leghorn eggs, \$2 per sitting. See REVIEW for prizes won at Toronto and Brockville. S. N. Graham, 506 Princess St., Kingston, Ont.

Buff Leghorns—Pen headed by imported cock, first at Chicago and Detroit, 1888; with him are three hens and three pullets, scoring 90 to 94 by Pierce and Butterfield. A limited number of eggs for sale at \$1.50 per 13. J. B. Woodhall, Box 91, Theford. 599

For Sale—S. C. white Leghorn cock, 1st at Owen Sound, 1888, score 93; \$5; cock, score 93; one of his wattles torn, price \$1. Both good white birds. Satisfaction guaranteed. John Ramsay, Box 119, Owen Sound, Ont.

For Sale—Eggs from my champion strain of snow-white Leghorns booked now. Pen No 1 headed by cockerel score 97 and 1st and 2nd hens and 1st pullet at Ontario, \$1 per 13. Pens Nos. 2 and 3, headed by cock 1st at Owen Sound, score 91, and cockerel, score 95; mated to high scoring females, \$2 per 13. Good hatch guaranteed. John Ramsay, Box 119, Owen Sound, Canada.

Buff Leghorn Eggs from prize winning stock at \$2 per sitting of 15. See this REVIEW for record at Peterborough and Brockville (Eastern Ontario) poultry shows. J. H. Parsons, Osaca, Ont.

Single Comb brown Leghorn eggs for hatching, \$2 per sitting, 2 settings for \$3. The past season my birds have won at the Industrial, Ontario and Guelph. I have also furnished birds that have won at the leading shows. John Bradley, Milton, Ont. 399

Buff Leghorn Cockerels, hens and pullets, also eggs from prize winners, at \$3 per 15, \$3 per 30. Eggs from laying stock \$1 per 15. G. Whillans, 100 Argyle St., Toronto.

We have a Fine Pen of S.C.B. Leghorn and can supply eggs at \$1.50 per sitting. Express prepaid in Ontario. W. Elwood Pollock, Norwich, Ont.

Rose-comb White Leghorn cockerels from \$2 up. Secured six prizes at Brantford show. Butterfield judge. Eggs for sale, \$2 per dozen. Wm. Dick, Echo Place, Brantford, Ont. 499

For Sale—First prize white Leghorn cockerel at Brockville, score 93; also a few white pullets and one buff cockerel. S. N. Graham, 506 Princess St., Kingston.

Buff Leghorns Exclusively—Seven years' Selected pen "Gilt Edge" winter layers, good in fancy points, not inbred. Fifteen eggs \$1.50. H. Dunne, 1492 Queen St. West, Toronto. 639

Buff Leghorns—At Quebec four 1sts and 1 2nd, at Guelph Poultry Show three 1sts. These winners and a few others for sale. Will F. Lowe, Almonte, Ont. 399

Eggs for Hatching—After March 1st \$1.00 for 13 from sixty first-class A1 birds, New Zealand brown Leghorns, also from some single comb brown Leghorns. Cressman Bros., Berlin, Ont. 599

Prize Buff Leghorns—Owing to business being so brisk we do not intend showing our buff Leghorns this season. We offer our best show birds for sale without reserve. Our show record is so well known it is needless to mention our winnings. Now is the time to buy for the winter show. Prices moderate. Wagner Incubator Co., 726 King St., West, Toronto. 1f

White Leghorns Exclusively—A grand lot of cockerels, pullets and yearlings, sired by cock winner of first at London, Toronto and Ontario Provincial show, and from cock Victory winner of 1st and special at New Haven and 1st and special at Boston. Eggs in season at \$1.50 per 13. Geo. E. Lee, Highgate, Ont. 499

Buff Leghorns—Winners since 1890, Chicago, Detroit 1898. Cockerels \$3, \$4 and \$5 each, under-color nothing better. Satisfaction guaranteed. Large circular free. Geo. S. Barnes, Battle Creek, Mich. 399

White Leghorns, S. C.—Winners at the Industrial and great Ontario show. Eggs for sale \$2.00 per 13, bred from winners, and other A.1 birds. John Chambers, Exhibition Park, Toronto. 399

Eggs for Hatching—From brown Leghorn winning females at Ontario, Guelph, Toronto and Port Hope shows, mated to first prize cockerel "Ontario," a grandly striped, vigorous bird. Eggs \$1.50 per 13. Sherwood Bros., Fergus. 399

Eggs from high scoring Leghorns, white and brown, some of them scoring 98. Have taken more prizes at large shows than all other exhibitors put together. Thomas Rice, Whitby, Ont.

Minorcas.

Twenty-five black Minorca pullets for sale, also eggs for hatching. I have Minshall, Santee, Northrup and Scott stock, a snap for first some one, write your wants. H. G. Doyle, grocer, Woodstock, Ont.

White Minorcas Exclusively—winners at all leading shows. Choice cocks, cockerels, pullets and hens for sale. Eggs two dollars a setting. Stamp accepted. J. N. O'Neil, 53 Elm Grove, Toronto.

For Sale Black Minorca cock winner of 5 firsts at 5 shows this winter \$1.00, and two hens score 92 and 92, \$1.50 each, also three S.C. white Leghorn hens, \$1.50 each. Eggs \$1.50 for thirteen. G. A. Tomson, Ingersoll.

Eggs from Prize Winning Black Minorcas, Sherbrooke, 1st pullet, 1st pen, 1st & 3rd cock. (Northup strain), bought in Montreal, 1st hen, 2nd cock, 2nd cockerel; and white Wyandottes \$2 per 15. Minorca cockerel 2nd at Montreal and imported Orpington cockerel for sale. E. C. Parker, Compton, Que.

Black Minorcas Exclusively - 30 pullets and 1 cockerels, fine strong birds. April hatched, from the best English strains at reasonable prices. Eggs in season. G. A. Sayer Chatham, Ont.

For Sale One white Minorca Cockerel imported direct from Abbot Bros. Won first at Galt, will be sold cheap if taken at once. Eggs for sale from a fine pen of S.C. brown Leghorns. J. A. Bryden, Galt, Ont.

Black Minorcas - For want of room will dispose of some pullets from best American and English strains, at \$1.00 each. Have mated a cockerel from 1st prize pen cock and 1st prize Northup hen, with my best hens. Eggs \$2.00 per setting. George W. Brown, box 22, Galt, Ont.

White Minorca and rose comb black Minorca eggs from choicest mating, \$3.00 per setting, \$5.00 for 30. A few cockerels and pullets for sale. Mrs. J. G. Osborne, Fabius, N. Y.

For Sale - SA, black Minorcas, eighteen pullets at \$1.00 each, one cockerel \$1.00. A fine large bird weighing 7 1/2 pounds 2nd prize hen at Peterboro, \$2.00. All "Northup strain." These birds are a bargain as I am selling off my entire stock. See my winnings at Peterboro. John Jarrell, Port Hope, Ont.

Eggs from Pen No. 1 black Minorcas, cock first at Owen Sound, and pullet same as second prize. No. 2, cockerel from Abbot Bros., and 6 hens all standard weight. R. C. Ferguson, G. T. R., Stratford, Ont.

Rose Comb Black Minorcas - As good as the best, first pen headed by Northup strain cockerel, eggs \$2.00 per 15, \$3.00 per 30. Second pen and snow white Plymouth Rocks \$1.00 per 15. W. H. Kirby, Oshawa, Ont.

For Sale - A few trios of black Minorcas, eggs from the same variety \$3.00 per 15, \$5.00 per 25. W. Cox, 5 Russhbrook St. Montreal.

Northup's 1898 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. George H. Northup, Box 178, Raccville, N. Y.

Plymouth Rocks.

White Rocks - At Ingersoll's winter show (Butterfield judge) I won first cockerel score 913, first pullet 927, out only 4 point for color second pullet, 927. Eggs \$1.50 for 15. G. A. Tomson, Druggist Ingersoll.

Barred Rocks - Eggs \$1.50 for thirteen, lowest score in breeding pen (Butterfield's score) 90, double matings for cockerels and pullets, bred to suit Standard G. A. Tomson Druggist, Ingersoll.

White Plymouth Rocks, scoring from 92 to 95, \$5 per trio, guaranteed sent C. O. D. if desired, none better. Eggs \$2 for 15. Else, Guelph.

Buff Rock Eggs from a first class pen at \$2 per setting. See prizes won at Peterboro and Eastern Ontario (Brookville) in this number of REVIEW. J. H. Parsons, Osaca, Ont.

Eggs from White and Buff rocks and black Minorcas. Buff Rocks from imported stock and buff to the skin. Thomas Rice, Whitby, Ont.

For Sale - Barred Rock cockerels from pen of E. B. Thompson, pullets and imported Bradley cockerel. Price low for quality of stock, also eggs for hatching from same strain, \$2.00 per setting. C. Bell, 201 First Ave., Toronto.

Buff Rock Eggs from a choice pen. Prize winners at Ontario and Woodstock shows. Can spare a few settings, write for description and prices. H. J. Cook, Woodstock, Ont.

White Rocks Exclusively selected from the best strains in Canada and the United States. Price \$1.50 for 13 eggs. M. Mann, Strathroy, Ont.

Willis' Barred Plymouth Rocks can win in any company. First Ottawa, Quebec, Sherbrooke, Granby and Montreal. A few choice birds for sale cheap. Will exchange Collier for Minorcas. Willis, Granby, Que. Eggs \$2 per 15, \$3 per 25.

Buff Rocks Exclusively Cockerels and pullets for sale. Eggs \$1.50 per setting, \$2.50 two settings. W. R. Bell, Morpeth, Ont.

Saunders Buff Rocks - I sold all my exhibition birds this fall, but I now have the best pen I ever owned headed by the sire of 1st and special cockerel, Ontario, 48. Eggs, \$2.00 for 15. Sid. Saunders, Box 333 Guelph.

Polands.

S. F. Gulliford, Akron, Ohio, U.S.A., 30 years importer and fancier. White, Golden and Bearded Buff Laced Polands, champions of America, also Silkies of the finest quality.

For Sale - Prize winning W. C. black Polands. At Brantford winter show, Butterfield judge, I took 6 prizes out of six entries. See Review for prizes. R. C. Middlemiss, 20 William St., Brantford, Ont.

Poultry Appliances and Food.

Shipping Labels printed on red express paper. Eggs for Hatching, 25 for 10c. "Live Fowls," double the size of 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.

Incubators, Clover Cutters, Root Cutters, Clover Meal Mills and Corn Crackers, must be sold or exchanged. M. L. Tillson, Blenheim, Ont.

Rocroy Farm, sole agent for Des Moines Incubator Co. 4-eggs capacity, \$11.50, 100-eggs, \$15.50 and \$19, delivered in Toronto. Send 3 cents for catalogue of poultry. 21 St. Sulpice St., Montreal.

Silica Poultry Grit is guaranteed also lately free from scales of mica and contains silica, oxide of iron, lime and magnesia. No oyster shells necessary. Acknowledged by all poultry men to be the best digester in the market. In bags of 100 lbs. for \$1. Order from your dealer or direct from us. Laurentian Sand and Gravel Co., 13 St. John St., Montreal.

Pheasants.

For Sale - A fine pair of silver Pheasants, \$8, worth \$15, winners of 3rd prize at the large show held in Toronto January last. W. M. Anderson, Palmerston, Ont.

Orpingtons.

For Sale - Eggs from my imported single comb black Orpingtons. See Review for list of winnings at the show. Eggs \$2 per 15. W. Chambers, 75 Lindsay Ave., Toronto.

Pigeons.

Hints to Beginners (Pigeons) by F. M. Gilbert, new edition, revised with additional chapters. A most practical, timely and comprehensive work, indispensable to the amateur. Price, paper, 50c. Address, H. B. Donovan, Toronto.

For Sale - For want of room, some choice birds in white Pouters, red, yellow, black, blue and white Turbans, mull Tumblers, in red, white, black and silver, white and black Homers, black Barbs, Blondinettes, Satinettes, blue, silver and black Owls, red, yellow, black, and white Jacobins, English Carriers and black Nuns. W. M. Anderson, Palmerston, Ont.

Pouters Only - At the recent Ontario show 11 regular prizes and 3 specials on 14 birds. Stock birds from \$1.50 up. Exhibition birds a matter of correspondence. Stamp. Magill & Glidden, Port Hope, Ont.

Two Pairs Black Magpies and two odd cocks, perfect markings, cheap. Six white Fan hens, very stylish also Jacobins, all colors, and Pouters. Best value ever offered. Stamp. C. Massie, Port Hope, Ont.

Flying Homers of the very best Belgian and American strains. Must sell to make room. H. Rose 317 Nelson St., London, Ont.

Fancy Pigeons for sale, Pouters, white Fantails, white and silver Owls, Tumblers, Magpies, Trumpeters, Dragoons, Turbits, Antwerps, odd birds, or pairs. Bert Hicks, Woodstock, Ont.

Sale or Exchange.

One Fine R.C.B. Leghorn hen, neat in head points, prize winner, including 1st at Ontario (Benedict, pure), also Rouen ducks (Bogue strain). J. L. Page, Woodstock, Ont.

For Sale - One pair *Houdans*, 2 S. S. Hamburg cockerels, 1 Minorca females. Exchange for Bants, white Rocks, buff Wyandottes. Write for sample feathers. Elmavie Poultry Yards, Norwood, Ont.

Game Bantams - Pyle and golden duckwing from best strains in America and England. Prices reasonable. Will exchange for black Minorca cockerel, standard weight. R. H. Marshall, Galt, Ont.

Trio W.C.B. Polish, B. R. Game cock scores 91, pair B. R. Games, for Sebright, black African and white Cochins Bants. F. A. Mann, Petrolia, Ont.

One Black Red Bant cock, 92, \$2; one black red Bant cockerel, 92, \$2, or will exchange for brown reds. Struthers & Glass, Box 279, Owen Sound, Ont.

Eggs From Stock as won at Peterboro - S.C. brown Leghorns, headed by cock score 92; S.G. Dorkings, headed by cock score 93 1/2, black Minorcas, S.S. Hamburgs, light Brahmas, Houdans and black Langshans, all A1 stock, \$1.50 for 13. Also two S. G. Dorking cockerels and two pullets second and third at Peterboro, 91 and 93. Must be sold, first \$5 takes them, or exchange for incubator. C. W. Palliser, Campbellford, Ont.

Spanish.

Eggs for Sale from first class white faced black Spanish, \$2 per sitting. Pen headed by cock that took 1st Industrial Fair, 1898. H. Baskerville, Bowmanville, Ont. 499

Turkeys, Ducks and Geese.

Mammoth Bronze Turkeys, rich in bronze, perfect banding, McClaves' stock, of Ohio, must be sold or exchanged for Rouen or Cayuga ducks. Other birds, fit to win, for sale or exchange. S. Tillson, Blenheim.

Some Choice Pekin Drakes for sale, also Pekin duck and white Wyandotte eggs in season. Mrs. McGregor, Davisville, Ont. 689

Eggs from Toulouse, Embden, Chinese geese; bronze, Holland white, red turkeys, \$2.50 for 9, Pekin, Aylesbury, Rouen, Cayuga, wild (decor) ducks, \$1 per 13. See Ontario show, Toronto, January 99, report, for prizes won. A. G. H. Luxton, Georgetown, Ont. 399

Various.

Parkhill Poultry Yards will sell eggs from duck, weighing 8 to 11 lbs., Pekin and Rouen duck eggs \$1.00 per 11. Bronze turkey hens weigh 20 to 25 lbs., Toms 38 and 44 lbs., eggs \$2.00 per 9. Toulouse geese, pair 13 lbs., eggs 40c each. D. A. Graham, Parkhill, Ont.

Partridge Cochins, barred Rocks, white Rocks, silver Wyandottes, black Minorcas, black Spanish, Leghorns, Red Caps, Hamburgs, Pekin and Rouen ducks. Eggs \$1 per sitting. R. and A. Lawrie, Wolverton, Ont. 100

Eggs for Sale Light Brahma, dark Brahma, silver faced Wyandottes, barred Rocks, \$1.00 per 13. My Brahmas won at Guelph and Ontario shows this winter 3 firsts, 1 second and 4 thirds out of nine entries. Bone cutter for sale cheap. J. Thomson, Fergus. 899

For Sale - Buff Wyandottes, cocks and hens, prize winners, also black red Game, golden Polands and black red Bantams. Closing out. Apply for list and prices. Fred Field, Cobourg, Ont. 399

Partridge Cochins, barred Rocks and black Javas; eggs and stock for sale, a pen of Javas, cock and four hens, good ones; also Mastiff dog, 15 months old and a beauty. I. G. Pennequin, New Hamburg Ont. 47

For Sale - Prize winning Pekin drakes at Clinton and 1st prize young duck, \$1.50 each, also 1st prize partridge Cochins cockerel, price \$1.00. George Irwin, Scaforth, Ont.

Eggs from light Brahmas, buff Cochins, barred and white Rocks, Langshans, Houdans, black Minorcas, silver faced Wyandottes, white, brown and black single comb Leghorns, silver spangled Hamburgs, black Spanish. See Ontario show, Toronto, Jan. 1899, for prizes won. A. G. H. Luxton, Georgetown. 399

Wm. Daniel & Co., Plattsville, Ont. - Eggs for hatching, buff and partridge Cochins eggs \$1.50 per 13. Barred and white Rocks, buff, golden, black and white Wyandottes, Cornish, Indian Games, black Leghorns, golden and silver spangled Hamburgs, golden Sebright Bants., eggs \$1.00 per 13. Our birds won 1st and special and silver cup. 589

Elmvalc Poultry Yards. Eggs \$1 per 13. W. Wyandottes, Massie cock mated to Dunston pullets, W. Leghorns (Knapp-Wycolt), "Snow-white" cockerel heads pen. W. H. Brethun & Son, Norwood, Ont.

The Hub Poultry Yards - Orders booked now for eggs from golden and silver Wyandottes, barred and white Rocks, \$1.50 per setting from best pens, birds scoring 93. We won 7 first prizes at Huron poultry show. One golden Wyandotte cockerel scoring 93 for sale. George Swallow, Clinton 689

Buff Brahmas Americas best strain. The bird for Canadian breeders. First at Toronto and Boston Houdans, champions of New England. Brahma and Houdan cockerels for sale. Eggs 15 for \$2. Circular. Geo. W. Dains, East Litchfield, Conn.

For Sale - 25 buff Cochins cockerels, pullets and hens. High class stock scoring 90 to 93, cockerels \$2.00, pullets and hens \$1.50, trio \$1.00. Pair exhibition B.B.R. Game score 91 and 91 1/2, pair exhibition B.B.R. Game Bants score 93 1/2 and 91 1/2, pair black African Bants score 92 and 91 1/2, pair buff Cochins score 92 and 93. Write for prices. H. & J. Douglas, box 49, Owen Sound.

Barred Rocks and White Leghorns - In size, shape, color, quality and style as good as any in America. Every bird in my pens either 1st prize winner at Toronto, the Ontario, New York or World's Fair, or pick of stock bred purely from these winners. Rock male 13 lb. cockerel, a beauty. Females 10 to 12 lbs. Refused \$25 for Leghorn male. I cannot exhibit but have produced first winners at many largest shows in Canada and States in last two years. Eggs in season. W. E. Hogarth, Cromarty, Ont.

Parkhill Poultry Yards offer eggs \$1.00 per 13. B. and W. Rocks, S. L., golden and W. Wyandottes, light Brahmas, black Minorcas, silver grey Dorkings and Indian Games. D. A. Graham, Parkhill, Ont.

Isaac J. Rank, of Tavistock, Ont., breeds white and barred Plymouth Rocks, black Minorcas and buff Cochins in accordance with the Standard of perfection. My stock will bring you success. Eggs \$1.00 per 13. 689

Rigaud Poultry Yards - Eggs for hatching. Twenty-one leading varieties, all exhibition birds. Also poultry supplies. Fine illustrated catalogue free on application. Dr. J. H. Bastien, Rigaud, P. Q.

Eggs \$1.00 per 15 Buff and brown Leghorns, Andalusians, Red Caps, Spanish, barred Rocks, light Brahmas, B.B.R. Games. All good stock, satisfaction guaranteed. Three good Andalusian cockerels for sale. S. W. D. Frith, Winchester, Ont.

Owen Sound Winners, 1st white Wyandotte cock 93, \$3.00; 1st and tied for 2nd barred Rock hens 90, 90, \$2.00 each, 1 pair white Cochins Bant - \$3.00, top buck \$1.00. Rankin Bros., Owen Sound

No Better Birds in Canada Eggs for hatching, Langshans \$2.00 per setting, barred Plymouth Rocks \$1.00 per setting. Geo. Hope, box 39, Weston, Ont. 399

Silver Laced Wyandottes, barred and buff Rocks and B. C. brown Leghorn cockerels for sale at once. Henderson & Billings, St. Mary's, Ont

For Sale, two fine B. Rock cockerels. Eggs, W. and B. Leghorns, S. G. Dorkings \$1.50 for 15, B. and W. Rocks \$2.00 for 15, from prize winners. H. Goddard, Listowel, Ont.

For Sale Cheap, one light Brahma cockerel, one black Minorca, two white Wyandottes, these were my reserves for breeding, don't need them. James H. Esdon, Curry Hill, Ont.

Eggs For Hatching - Langshan and buff Rock eggs from A I pens. Rocks headed by my 1st prize cockerel at Toronto International show (none better). T. H. Scott, St. Thomas, Ont. 499

Brockville Poultry Yards, W. M. Osborne, prop., breeder of high class poultry. For sale - Andalusian cockerel 1st at Eastern Ontario, score 92, \$3.00, or a trio for \$6.00, two white Leghorn cockerels, score 93 and 90, \$1.00 and \$2.50; trio rose comb white Leghorns \$3.00, cockerel and pullet, white Wyandottes, cockerel weighs 9 lbs., pullet 7 lbs., extra good birds, \$5.00. See this month's REVIEW for prizes won at the Eastern Ontario. W. M. Osborne, Brockville, Ont.

Parkhill Poultry Yards consists of birds from the largest and best breeders in America and are mated to produce birds equal to the best breeding stock for sale at all times. D. A. Graham, Parkhill, Ont.

Fifteen Eggs Black and white Minorcas, blue Andalusians. Blacks, pen No. 1 headed by Royal (Albion Bros. strain), \$1.50; No. 2 (Manshall), \$1.00; white (Duff & Norris), \$1.50; blue (Cosh & Metcalfe), \$1.50. E. R. Frith, Maxville, Ont. 399

For Sale - 2 S. C. white Leghorn cockerels, prize winners (Rice & Jarvis). Eggs for hatching, S. C. white Leghorns (Rice & Pletch) first and special at Guelph, also S. C. brown Leghorns (Pletch), S. S. Hamburgs (direct McNeill), and S. L. Wyandottes, all good stock. S. Dippel, Listowel, Ont.

Eggs \$1.00 per 13 From prize winning light Brahmas, buff and partridge Cochins, Houdans, white Wyandottes, white Leghorns, Aylesbury ducks, golden Sebright and buff Bantams. J. H. Thomson, Britannia, Ont.

I have the Layers - Buff Rocks, black Minorcas and white Leghorns - the finest in the land. Eggs for hatching \$3, \$2 and \$1, according to variety of fowl. Jas. A. Livingston, Grimsby. 100

For Sale the following birds, all winners at Boston. All varieties of Polands and Hamburgs, white Cochins and Ornamental Bants. I have a big stock and I am through showing and will sell reasonably to make room. If you want the birds that won at Boston write quick and mention REVIEW. Wm. McNeil, 778 Waterloo St., London, Canada.

Eggs for Sale from the following varieties \$3 per sitting. B. B. red and red pyles, buff and barred rocks, Houdans, Langshans, P. Cochins, B. B. red pyle and buff Pekin Bants, Tedford and Collar, Blenheim, Ont. 499

I will have a few sittings of eggs to spare this season from birds scoring from 90 to 91 points, including black Minorcas, silver spangled Hamburgs, brown Leghorns, Polands, Red Caps and Sebright Bantams, at \$1.50 a sitting. Collin W. Cameron, Goderich, Ont. 399

Eggs from Black Minorcas, Durston's strain, pen headed by full brother to medal winners at last Industrial, also from barred Plymouth Rocks and light Brahmas, all good birds, \$1 per 13. Sandringham Poultry Yards, Alex. A. Fraser, Sandringham, Ont. 399

Oakwood Foultry Yards B. Minorcas, B. Leghorns, barred Rocks and Sherwoods. Eggs for sale, \$1 per 13. Fine Minorca and Sherwood cockerels at \$1.50. R. Lee, Box 323, Galt, Ont. 499

Young Stock from my prize winners—buff, brown, black and white Leghorns, buff and partridge Cochins, B. P. Rocks, silver S. Hamburgs; black Spanish; golden bearded Polish; golden Wyandottes; S. G. Dorkings, black Langshans; light Brahmas, golden Sebright Bantams. Satisfaction guaranteed. Wm. Daniel & Co., Plattsville, Ont. 399

Maple Leaf Stock Farm, J. C. Dietrich, proprietor. Black Leghorns and black Minorcas my specialties. Some grand breeding and exhibition cockerels and pullets. Large brood Eggs for hatching \$3 for 13, and \$5 for 26. Address all communications to Wm. G. Lovell, Box 57, Galt, Ont.

Nation Valley Poultry Yards Barred Plymouth Rocks, black Minorcas, brown Leghorns. Eggs for hatching \$1 for 13, \$5 for 78, \$6 for 100, \$10 for 299. N. G. Moodie, Chester, Ont., Can. 799

Eggs for Hatching from two grand pens of Houdans, S. C. white and brown Leghorns, and two pens of barred Plymouth Rocks, each pen of B. P. Rocks headed by male birds imported from E. B. Thompson, D. C. Trew, Lindsay, Ont. 499

Cornish Indian Games All imported stock, also golden Wyandottes and pyle Game Fant pullet, all winners at Hamilton. Write for prices to Young Bros., Ryckman's Corners, Ont.

James Motherall, breeder of barred Rocks, silver Wyandottes, Cornish Indian Game, white Leghorns, golden Sebright and black red Game Bantams. Eggs \$1 for 13. Plattsville, Ont. 499

Try Thorncroft Poultry Farm for dark Brahmas, partridge Cochins, barred Rocks, brown and white Leghorns, golden and silver Polands, Houdans and S. S. Hamburgs. We have some of the best blood in Canada in our yards. Eggs \$2 per sitting. Stock for sale, quality and prices right. Wm. C. Wilson and Son, East Oro, Ont.

For Sale Dark Brahma cockerels and pullets, S. C. white and brown Leghorn cockerels and hens, Andalusian and S. S. Hamburg pullets, pyle Bant cockerels. All stock. F. A. Mann, Petrolia, Ont.

Eggs and Stock for Sale of the following—silver Hamburgs, black Leghorns, barred Rocks, one Hamburg cock, one Leghorn cockerel. W. Davidson and Sons, Lambton Mills, Ont.

For Sale Exhibition birds, partridge and buff Cochins, golden and silver spangled, golden and silver pencilled and black Hamburgs, McNeill's strain; golden Polands, black Spanish, duckwing Games. All prize winners. Eggs \$1.50 per sitting. Cattle and Co., Simcoe, Ont.

For Sale Eggs from exhibition stock, white and silver Wyandottes, black Hamburgs, black Spanish. \$1 per 13. Black Spanish cockerels and pullets \$1 each. Adam Best, Plattsville, Ont. 499

Bargains in buff and white Leghorns and buff Pekin Bantams, prize winning stock, only \$2.00 a pair. Eggs from grand matings in the varieties \$1.50 per setting. Chas. Rice, Bowmanville. 499

Clachan Poultry Yards. Eggs from buff barred, white Rocks, light Brahmas, white Wyandottes. \$1.50 per 13, \$2.50 per 26. Correspondence solicited. Josiah McKay, Clachan, Ontario.

For Sale. 1 buff Leghorn cock, 1 cockerel, 1 buff and 1 black Leghorn, 1 B. P. Bant cockerel. Will sell cheap, stock considered. Eggs from either buff or black Leghorns \$2.00 per 13. Phipps Bros., Grimsby, Ont.

Order Eggs Now for delivery after 1st of April, from all varieties Polands and Hamburgs, also Leghorns, Houdans. \$2.00 per 13. Wm. Carter, Canby, Ont.

For Sale. Seven buff Leghorn cockerels, 1 buff Wyandotte cockerel, 8 one year buff Leghorn hens, 20 buff Leghorn pullets. All first-class birds, reasonable prices. Eggs in season. James D. Lee, Deer Park, Ont.

Eggs \$2 per Setting. From Black Minorcas headed by cockerel Dandy, winning first and special for best male at the big Ontario to prize winners. Brown Leghorns, cockerel Howell's, hens Forsyth's. Satisfaction guaranteed. Pen black Minorcas for sale. L. V. Zavitz, Toronto Junction, Ont.

Golden Wyandottes Grand exhibition birds, C. J. Daniels and Wray Bros. strain. Eggs for hatching, \$1.50 per 13, \$3 per \$50. These birds will produce winners. J. D. Dow, Edgley, Ont.

If you Want Bargains in eggs, look up my advertisement on another page. I will give you satisfaction. W. W. Reid, Ayr, Ont. 1299

For Sale Grand cockerels in L. and D. Brahmas, partridge Cochins, Houdans, golden Polands, golden pencilled Hamburgs, W. C. B. Polish, also eggs in season from light Brahmas, partridge Cochins, colored and silver grey Dorkings, Indian Game, B. Minorcas, Houdans, G. Wyandottes, S. spangled and golden pencilled Hamburgs, golden, silver, W. C. B. Polish, single comb and rose-comb white and brown Leghorns, Aylesbury and Rouen ducks, China geese and bronze turkeys. We have in our breeding pens many imported birds and also some of the best Canadian bred birds and have won highest honors at Toronto, London and Ottawa, and also won at a number of smaller fairs. We invite inspection. Write for prices and particulars. Apply to W. Stewart & Son, Mimic, Ont.

Eggs for Hatching After March 10th I can supply eggs from choice golden Wyandottes and Red Caps, black Minorcas and S. C. brown Leghorns, \$1 for 15 eggs. John Grant, Rockland, Ont.

Eggs for Hatching \$2 per sitting. My 1899 matings supercede all former. Light Brahmas, Andalusians, golden spangled Hamburgs, silver Polish and golden Wyandottes. Write for circular. Ralph A. Williams, Ingersoll, Ont. 599

Wanted.

Wanted From 6 to 10 Andalusian pullets. Must be cheap. A. A. Whitteker, Morrisburg.

Wanted One hundred Bantams or other small hens, suitable for hatching Pheasant's eggs. The Canadian Pheasantry, Hamilton, Ont.

Wanted Thoroughbred Pointers, dog and bitch, also Scotch Terriers (dog and bitch), not abn. young and cheap, or will exchange eggs or towels of any in my two ads. A. G. H. Linton, Georgetown.

Wyandottes.

For Sale Silver Wyandotte eggs for hatching, from my well-known strain of prize winners, also barred Plymouth Rocks \$2.00 per setting. W. H. Ulley, Victoria Square, Montreal. 999

White Wyandottes—Geo. G. McOrmick's heavy weights. I won at London, September, 1898, 1st cockerel, 1st hen, 1st and diploma breeding hen. N. T. Kettlewell, London. 399

Golden Wyandottes—Look up my record at the last four Ontario, won nineteen prizes, including six firsts and special for best collection, 1898. At the last Industrial, won all the first prizes in open class. Extra rich colored cockerels and pullets for sale from \$2 up, trios from \$5 up; eggs \$3 per 13, \$5 per 26. J. H. Magill, Port Hope, Ont.

America's Best Strains of Wyandottes. Silver faced, Arthur pullets, Hawkins cockerel; whites, Massie-Hawkins pullets, Kettlewell cockerel. All birds score over 91. Eggs \$2 per setting. F. L. Willis, Seaforth, Ont.

Silver Wyandottes Exclusively.—Fine open faced birds of best prize winning strains. Eggs \$2 per 13. J. R. Hand, Fenelon Falls, Ont.

Eggs from Prize Winning Stock.—W. Wyandottes, Massie's Strain, G. Wyandottes, Wray Bros & Magill, W. S. C. Leghorns, Rice's, Buff Bantams, Clough's. Eggs \$1.50 per setting. H. Dymont, Barrie. 599

Golden Wyandotte Eggs, settings \$1.50. Breeding pen headed by grand, large, rich colored cockerel, bred from Magill's first prize cock Toronto Industrial. Wm. Cann, Plattsville, Ont. 599

Buff Wyandotte Eggs from my own pen of prize winners, 1st and special cockerel and 1st and special pullets "Ontario '98," and three other fine pullets. Eggs \$3.00 per 13. H. J. Cook, Woodstock, Ont.

For Sale—50 silver Wyandotte hens and pullets, all stock \$1.50 each or \$2.50 a pair, and buff Wyandotte cock, white Wyandotte cock and two hens, golden cock and pullet. J. Dorst, 565 Logan Ave., Toronto.

Jacob Dorst, 565 Logan, Toronto, breeder of S. L. Wyandottes, Stock for sale at all times; eggs in season, \$1.50 per 13, \$2.50 per 26. 11

Black Wyandottes.—The Black Diamond strain are sure winners. Eggs from a choice pen made up of winners, headed by Diamond Duke, a winner of six first prizes. Eggs \$2.00 per 13. Chas. Grimsley, 597 Ossington Ave., Toronto.

White Wyandottes. Only six cockerels left, but they are good ones, including 2nd at last Ontario. If in need of a first-class male bird to head your breeding pen write me. Chas. Massie, Port Hope, Ont. 100

Golden Wyandottes.—My breeding pen is headed by Mr. Graham's best cockerel, a grand bird. Mated to grand hens and pullets. Eggs \$2.00 per 13. Wm. Williams, Bloomington, Ont. 499

Jas. Arthur, breeder of silver faced Wyandottes, exclusively. Record at late Ontario show, 1st cock, 2nd and 3rd hen, 1st pullet, 2nd and 3rd cockerel. Special for best female. Silver cup for best collection of Wyandottes. Eggs for sale \$3.00 per 13. Satisfaction guaranteed. Jas. Arthur, 331 Lorne Ave. London. 100

Eggs from Utility bred, 200 egg record. White Wyandottes, 13 eggs carefully selected \$2.00, 26 eggs \$1.00. Supply limited, come early. Black Leghorns \$2.00 per 13. W. J. Gordon, Pickering, Ont. 200

Eggs for Sale from my best pens of silver faced Wyandottes and rose comb brown Leghorns \$1.50 per setting. A few more fine pullets and hens for sale at reasonable prices. Thos. McMullen, Asylum, London.

For Sale—Eggs \$1.50 per 13, \$2.50 per 26, from choice light and dark Brahmas, barred and white Rocks, silver Wyandottes, B. Minorcas and silver Hamburgs. McMaster Bros., Luggan, Ont.

THE TORONTO POULTRY, PIGEON AND PET STOCK ASSOCIATION.

The regular monthly meeting of the above Association was held in Temperance Hall, Feb. 9th, the President, Mr. Bonnick, in the chair.

Accounts for rent, printing and storage for coops were ordered to be paid. Also due bills in connection with '97 show.

At next meeting the members will discuss score card vs. comparison judging.

Barred Rocks and white Wyandottes were on exhibition, Messrs. Bell, Simpson, Davidson and Chambers showing some fine specimens.

Mr. Brown was appointed judge with Messrs. Blythe and Essex for the year.

A hearty vote of thanks was tendered to Mrs. Shales for supplying refreshments to all members present. It is needless to say Mrs. Shales received highest honors in this class. The judging was done by comparison.

The Executive Committee appointed a committee to bring in a report as to procuring a more suitable room for meeting.

The Secretary was instructed to have prize cards printed for monthly shows.

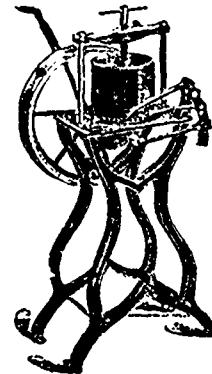
R. DURSTON.
Secretary.

ACTIVE SOLICITORS WANTED everywhere for "The Story of the Philippines," by Murat Halstead, commissioned by the Government as Official Historian to the War Department. The book was written in army camps at San Francisco, on the Pacific with General Merritt, in the hospitals at Honolulu, in Hong Kong, in the American trenches at Manila, in the insurgent camps with Aguinaldo, on the deck of the Olympia with Dewey, and in the roar of battle at the fall of Manila. Bonanza for agents. Brilliant of original pictures taken by the government photographers on the spot. Large book. Low prices. Big profits. Freight paid. Credit given. Drop us by unofficial war books. Outfit free. Address, H. L. Barber, Gen. Mgr., 359 Dearborn street, Chicago. 399

Mr. G. A. Ionson's white Rock cockerel scored 94¼ at Iugersoll and not 92¼ as we have it in list.

Green Bone Cutters.

THE Webster & Hannum Green Bone Cutter, formerly made at Cazenovia, N. Y., is now being manufactured and sold by the undersigned. This Bone Cutter has always been a favorite with poultrymen on account of its many advantages over all other machines. With our unsurpassed facilities for manufacturing, it will be better than ever.



The new cutter-head is practically *indestructible, absolutely self-feeding and self-regulating* as to the supply of bone fed to the knives. It will cut meat and gristle equally as well as bone. Made in sizes suitable for hand or power use. Read what F. E. Dawley Director, Bureau of Farmers' Institutes, New York State, says of it:

"I would urge every one who keeps fowls to feed green bone if they are after profit, and from experience would say, get a Webster & Hannum Cutter to do the work with. I am not at all interested in the sale of the W. & H. Cutter, and have paid full price for the one I use, so have no axe to grind."
F. E. DAWLEY.

Mr. Dawley raises poultry "by the acre." The only Bone Cutter receiving award at World's Fair, Chicago. Send for our free booklet, whether you keep poultry for pleasure or profit.

E. C. Stearns & Co., Box 16., Syracuse, N. Y.

Fisher's Island Farm

EGGS FOR HATCHING:

Barred and White Plymouth Rocks, Cornish and White Indian Games, Pekin Ducks

Our birds have been winners the past season at Pittsburg, Toronto, and New York. Send for Illustrated Catalogue.

E. M. & W. FERGUSON, Fisher's Island, New York. Via New London

See February REVIEW for wins at Toronto.

LONGUEUIL POULTRY YARDS

ALWAYS IN THE LEAD

Having secured some of the best stock in Canada, we can guarantee our pens made up as follows:

White Minorcas - Pen headed by 1st prize trio, which scored 96, 93, 91½ by Judge Bicknell at Montreal, '99, show.

Buff Plymouth Rocks - Pen headed by imported cock and four 1st prize pullets in Ontario shows; buff Cochins -

Pen headed by C.C. Shoemaker cockerel mated with females scoring 92, Montreal.

Our silver Wyandottes have been prize winners for last ten years, white Wyandottes headed by 1st prize, at Quebec Provincial, '98; barred Rocks, the Thomson-Hawkins cross. Black Minorca pen headed by pure Northup cockerel to Duff females.

Also extra luff Pekin Bantams and partridge Cochins, etc.

Eggs for Sale from first four varieties \$2.00 per 13, \$3.00 per 26; all other varieties \$1.50 per 13, \$2.50 per 26. Write a card for full information.

H. CROSS & CO.
LONGUEUIL, QUE.

TWO OF GRANDEST PENS EVER mated - S. C. B. Leghorns, pen headed by grand cock, winner 1st Cockerel, Ontario, 1st cock, London. Has won 10 firsts for last two years in succession at leading shows. Has grand shape and size; best striping in hackle and saddle 1 ever saw, firm, upright comb; has proved himself a grand stock bird. With him are 7 females, some winners, and are as good as the best. Eggs \$1.50 per 13. **BLACK MINORCA** pen, headed by grand male, a typical Minorca, best shaped and best colored bird 1 ever saw, comb upright, firm and evenly serrated, good wattles, large, pure white lobe. With him are two pullets: weight 7 lbs., and one hen, have fine long backs and are second to none. Limited number of eggs, \$2 per 13. Some of the best blood in America in my pens. Orders booked now. L. H. Mofkjohn, Wellman's Corners, Ont. 599

Eggs for Hatching.

From winners at London, Wyoming and Petrolia, 1898, White and Barred Rocks, S. C. Brown and White Leghorns and White Wyandottes. My White Rocks won 1st and 2nd at London, at Petrolia 2nd cock, 2nd hen, 1st pullet and 1st pen, score 186 2-3, scoring 92½, 93, 93½, 94, 94, 95, specials for highest score. B. Leghorns 1st and 3rd cockerel, 1st pullet, 1st pen, score 186 1-3. Special for highest score. White Wyandottes, 2nd cockerel, 93; 1st pullet, 95½; special for highest score. A prime pen of White Leghorns from winners, \$1.50 to \$2 per sett. Special rates for large quantities. Spruce Dale P. Yards, A. 1111, Wyeoming, Ont. 399

Various.

(Continued from p. 130).

Eggs from 1st Prize Winners Toronto, Barrie, London, Guelph, and other places. Stock Al. Barred and white Rocks, black Wyandottes, black Leghorns, Cornish Indian Games, \$1.50 sitting, \$5.50 per 100, express paid. Satisfaction guaranteed. Rank & Greenfield, Poultry Fanciers, Plattsville, Ont. 199

For Sale—Eggs from the following varieties—Light Brahmas, pen headed by second prize cock at the Ontario, \$2 per 13, \$4 per 26. Black Leghorns, \$1.50 per 13, \$2.50 per 26. Buff Leghorns, and B. P. R., \$1 per 13. Sidney Sisley, Sheffield, Ont.

For Sale—Three good, well marked light Brahma cockerels. Will sell cheap if taken at once. Also eggs from light Brahmas, brown Leghorns, white and black Minorcas; all prize-winners. Satisfaction guaranteed. Apply for price list to Thos. J. Sheridan, Oshawa, Ont.

Parkhill Poultry Yards are booking orders for eggs \$1.00 per 13 from brown, black and white Leghorns, golden Sebrights and black African Bantams. D. A. Graham, Parkhill, Ont.

Eggs—S. C. white and brown Leghorns, \$1 for 13, dark Brahmas, W. C. B. Polish, pyle Bants, \$2 for 13. Birds scoring from 91 to 91½. F. A. Mann, Petrolia, Ont.

For Sale—One trio pyle Games, one golden Hamburg hen, Bants, golden Sebrights, white Cochins, one black African cockerel; white Fans, black Carriers. Wanted in exchange, black African hens. Joseph Malkin, Barrie P. O., Ont.

Light Brahma cockerel and five hens, \$5; choice buff Cochins or barred Rock cockerels, \$2 each. Eggs from prize barred Rocks, buff Cochins and brown Leghorns, \$1 for \$15. W. Pemberton, "Reporter" office, Delhi.

Eggs from my Prize Winners in white Rocks \$2.50 per sitting; white Wyandottes, light Brahmas, black Minorcas, \$2 per sitting; white Cochins Bants, black Africans, red pyle, golden Sebright, B. R. red Game, \$2 per sitting. Joseph Malkin, 27 Ross St., Barrie, Ont.

Dominion Poultry Yards have for sale grand breeding birds in blue Andalusians, cockerels, hens and pullets. No better stock to be had. Also one white Cochins Bantam cock price \$3. Eggs \$2 per sitting. Pullen & Kerr, Galt, Ont.

Gore Villa Poultry Farm offers eggs from barred and white Rocks, black Minorcas, black Langshans, partridge Cochins, &c. each; imported Pekin and Rouen ducks &c. each. Stratford, Ont.

Eggs for Hatching from buff Rocks, buff or white Wyandottes, Cornish Indian Games, R. C. white Leghorns, \$5 for \$1.50, black Wyandottes, R. I. red, \$2, R. C. black Minorcas, \$2, R. C. white Minorcas, \$5, bronze turkeys, \$2.50 per lb. From as fine breeders as America can produce. Safe arrival guaranteed. Illustrated catalogue free. J. M. Maxwell, Pattenburg, N. J. 369

For Sale—Eggs from Abbott Bros. stock England; golden and silver Wyandottes, black Minorcas, also light Brahmas of No. 1 stock, \$2 per 13; buff Cochins Bants and Pekin ducks, \$1. A. Trivett, Box 316, Newmarket, Ont.

Eggs \$1 per 13 from black Minorcas (shoemaker's strain); S. S. Hamburgs (Bastien's strain); silver laced Wyandottes (Myers' strain); golden Wyandottes (Williams' strain); and partridge Cochins (Bastien's strain). Alex. L. Campbell, Laggan, Ont.

For Sale—Two barred Rock cockerels hatched from eggs bought from E. B. Thompson. Also two pairs red pyle chicks, Griggs stock. H. F. Nims, Dresden, Ont.

H. H. WILLIS

BREEDER OF

Barred Plymouth Rocks and Black Minorcas.

WHO WANTS WINNERS? Who wants something good at reasonable prices? My pens are all made up of my best picked birds—none but the choicest will be bred.

From 1st prize winner at Sherbrooke, Mont. real, Ottawa, Quebec and Granby. Eggs, B.C. Rock, \$2.13; \$3 for 26. Eggs, B. Minorcas, \$1 for 13. Granby, Que. 200

SUNNYSIDE POULTRY YARDS, Brantford, Ont.

T. A. COX, Proprietor.

I HAVE WON 500 PRIZES AT THE largest shows since Sep. 1 have a grand pen of Light Brahmas, 5 prize winning pullets and hens mated to cockerel. 1st Ontario; also 1st at four other large shows, and 2 specials for best bird in the show. I also have choice pens of Silver and Golden Wyandottes, S.G. Dorkings, B. Minorcas, B. Langshans, B. Jays, Brown and White S. C. Leghorns, Cornish Indian Games, PI Games, B.B. Red Game, White and Barred Plymouth Rocks, W.C.B. Polish, B.R. Red and Pyle Game Bants and M. B. Turkeys. I have eggs for sale from above breeds. 593

Aqueduct Poultry Yards.

MY 1898 MATINGS OF BLACK LANGSHANS proved very successful in producing high scoring winners, as shown by the reports of the Ingersoll and Brantford shows, winning 3 1sts and 1 2nd at the former, and 4 1sts at the latter place, and stock from my yards in the hands of my patrons stood at the head in many other shows. Having made my 1899 matings, I am satisfied even better results will be achieved. Choice birds for sale at all times. Orders for eggs booked now. Also Buff Wyandottes and S.C. White Leghorns. Circular.

John F. Hill,

899 WELLAND, Ont.

ACTIVE SOLICITORS WANTED everywhere for "The Story of the Philippines," by Murat Halstead, Commissioned by the Government as Official Historian to the War Department. The book was written in many camps at San Francisco, on the Pacific with General Merritt, in the hospitals at Honolulu, in Hong Kong, in the American trenches at Manila, in the insurgent camps with Aguinaldo, on the deck of the Olympia with Dewey, and in the rear of battle at the fall of Manila. Bonanza for agents. Brimful of original pictures taken by government photographers on the spot. Large book. Low prices. Big profits. Freight paid Credit given Drop all trashy unofficial war books Out fit free. Address, H. L. Barber, Gen. Mgr., 356 Dearborn street, Chicago. 593

EXHIBITION BARRED ROCKS.

I am now offering eggs from my grand birds. In addition to my long list of wins I won fourth on cockerel at Toronto this winter and bought the third and fourth hens. This was in the hottest class ever seen here. I am also breeding from the best prize cockerel at the Industrial Exhibition, Toronto, 1898. Price \$3 for 13, \$5.00 for 26. A few birds yet for sale.

J. E. BENNETT, 1142 DUNDAS ST., TORONTO, 599

Mount Pleasant Poultry Yards, London, Ont.,

R. B. MILLARD, Proprietor.

EGGS FOR HATCHING, from Black Cochins, White Cochins, and Barred Plymouth Rocks. I have but one pen of each of the above. In the pen of black Cochins I have the 1st, 2nd, 3rd pullets, 1st, 2nd hen at the Ontario show, and 4 other good females, headed by 2nd prize cockerel at the New York show, '99; in white pen I have the 1st pullet at New York, 1st hen at the Ontario, Toronto, and 4 other good whites. My pen of Barred Rocks are A1, but have never been shown. Eggs—\$3.00 per 13 200

Yokon Poultry Yards.

Headquarters for Geese and Ducks, also Barred Rocks, Buff and part Cochins, D. Brahmas, B. Hamburgs, W. and Brown Leghorns, B. Minorcas, Games and Game Bantams, Buff Pekin Bantams. See Canadian Poultry Review for prizes won at Toronto Industrial, London Western Fair, Brantford and Galt winter shows, also the Great Ontario, where we won the sweepstake special for best exhibit of Geese and Ducks for the last two years. Birds and eggs for sale. Address O'Brien & Colwell, Paris Station P. O., Ontario. 200

MAPLE CITY POULTRY YARDS

W. A. WILSON, Proprietor, Delaware Ave., Chatham, Ont. Box 581.

BREEDER OF B. MINORCAS, S. C. WHITE LEGHORNS, R. C. BLACK ORPINGTONS, G. SEBRIGHT BANTAMS and PEKIN DUCKS. Bk. Minorcas, S.C.W. Leghorns, G. Sebright Bants, Pekin Ducks, \$2.00 per setting. A limited number of settings of R. C. Bk. Orpington eggs, \$3.00. Two Bk. Minorca Cockerels and trio of Pekin Ducks for sale. 1293

MINSHALL'S BLACK MINORCAS and WHITE ROCKS

ARE WINNERS AT ALL OF THE leading shows. My Minorcas have won as many firsts as all others together, at six of the largest shows. Minorcas won: Ontario, 1898, 2 1sts, 4 2nds, all specials. Industrial, 1898, 3 1sts, 1 2nd. Ontario, 1897, 2 1sts, 1 2nd, 2 specials. Guelph, 1898, 3 1sts, 2 2nds, 2 specials. Hamilton, 1893, 4 1sts, 3 2nds, 1 special. Brantford, 1898, 1899, 4 1sts, 4 2nds, all specials. My Rocks are large and white. Six of the finest females mated to 1st Industrial cock, winning 14 1sts out of 15 shows. Minorcas are mated for best results. A limited number of eggs from both varieties at \$3.00 per setting. J. H. Minshall, 22 James St., Brantford, Ont.

DENTONIA PARK FARM, W. E. H. MASSEY, Proprietor. EGGS \$2.00 PER SETTING, (15). Barred Rocks, white and brown, S. C. Leghorns, light Brahmas, black Javas and white Langshans, and Pekin ducks, African Bantams.

MR. FRANK R. WEBBER, formerly of Guelph, has been placed in charge of the Dentonia Poultry Yards. Address,

COLEMAN P.O., ONT. 599

REPORTS OF FARMERS' INSTITUTE
MEETINGS.

BY ROBERT H. ESSEX, TORONTO.

THE following notes of meetings held by Farmers' Institutes in some of the Western Districts of Ontario may be of interest to readers of the REVIEW as showing to what extent the poultry industry has a foot-hold in the places mentioned.

These Institutes are bonused by the Ontario Government and lecturers are sent to the several districts to discuss improved methods of agriculture and breeding farm stock.

Mr. Ketchen, of Brucefield, lectured on feeding hogs, growing and cultivating corn and feeding beef cattle, while I had the honour of holding up the poultry end of the argument.

The subject for the afternoon address at the first stopping place (Scotland, Ont.) was—"The first three months of poultry life." As the desire seemed to be more for general information the line was not hewed to quite as closely as usual. Numerous enquiries, at the close, were made, proving that there is a growing interest in the poultry industry. Points enquired about were: Height of roosts, space allotted for each fowl, feeding a mash, bone cutters and feeding bone, roup remedies, capons, grit, and feeding corn.

The evening meeting brought out more ladies which afforded an opportunity of advising them to consider the poultry industry of greater importance than a mere side-line. The subject was—"Production of eggs in winter," which elicited queries regarding feed for young chicks, oats as a general feed throughout the year, and breeding in line for egg production. The interest evinced was encouraging for those who wish to see the industry advanced to its proper place among the chief features of the farm.

At Brantford only one address was given, and that in the afternoon. The attendance was very slim although those who were there were out for information. It was brought out by questioning the lecturer that to fatten fowls successfully requires more than the bare three or four weeks of final fattening. The stock must be kept growing and healthy from the start, as a bird ill-kept is a bad frame to round up, even if it

were possible to put on the flesh. On the subject of range for growing chicks, it was advised that such a mistake as too much freedom might be made. It is better to limit the exercise of growing chicks; birds making lots of growth may be run off their legs. Similarly with regard to laying stock, a fair range is better than an unlimited range. Housing was touched upon, and the requirements of large combed varieties mentioned. Either build a house which may be kept fairly warm by the natural heat of the fowls, a house in which a warm roosting place is built, or, a house artificially heated. In the first case it will be necessary to dry out the moisture occasionally by artificial heat.

Jerseyville furnished a very appreciative audience, as did Carluke. The fact that poultry varies as do cattle, was impressed upon them. As illustrations, reference was made to butter cows, milk cows and beef cattle, each chosen from the breed most suitable, each breed of different formation. So it is with poultry, as illustrated by the market fowl, the egg producers and the general purpose fowl. An outline of the shape of these breeds, sketched for their benefit, added to the statement that very seldom do birds which are much underweight win in the show room, impressed the audience that in breeding thoroughbred poultry even the fancier considers weight in market fowl of more value than beauty, and that the different formations are as much in evidence as in cattle.

Glanford supplied a more critical audience, and naturally so, for some of the best breeders of the Province live in the neighbourhood. Then again, Hamilton being only about six miles distant, the fanciers of that city make their influence felt throughout the surrounding country. Mr. Erland Lee, Secretary of the Institute for South Wentworth, is a fancier himself, a breeder of Red Caps and partridge Cochins and so has an especial interest in the poultry talks. He sees the necessity for closer communication between the farmer and fancier and does his best to bring this about. The principal queries at this place had reference to the advisability of hatching from eggs laid by young fowl. It was advised that although chicks raised from eggs of early matured birds might not be as large or vigorous as those from hen eggs, yet, if the pullets had been fed and raised with a view to size, and not solely for an early production of eggs, then there was no reason

why the chicks should not be perfectly satisfactory, as the pullets would then have matured sufficiently before laying the first egg.

Complaints were made of some unsatisfactory dealings with distant fanciers, and it was suggested that purchasers of eggs or fowls should either purchase from well-known fanciers in the neighbourhood or from persons at a distance who were known to be reliable. The fanciers were becoming more conscientious every year and it was easy to distinguish the reliable from the unreliable. The first information necessary in purchasing eggs at a distance, is to make sure that the vendor is a breeder of the variety of birds from which the eggs are obtained, as the fact that he exhibited certain breeds was only "prima facie" evidence of that state of affairs. This in response to questions along that line.

Binbrook was, from at least one point of view, the most interesting place yet visited. The discussion after the lecture was enlivening, one farmer especially, being of an enquiring turn of mind. It was evident he was a careful student of the requirements of the farm, whether or not he was correct in his estimate of the age of his fowls I would not care to say; he stated, however, that he had a hen sixteen years of age which, on the previous day, had laid the last of three eggs laid on successive days. I have none, he added, under eight years of age, and the one particularly mentioned will be sixteen next "hatching." It may be possible to see these hens when I reach Canfield and if I am within five miles of the farm I shall make it a point to do so. I took more salt with my dinner that day than I have been in the habit of doing.

Smithville has a few poultry breeders who take a lively interest in poultry talks. The Secretary of the Institute keeps the good old Indian Game and barred Rocks and that helps things. The lecture brought out a question regarding the shape of the best layers in a flock. No definite information was vouchsafed on that point, it being merely stated that an impression existed that a long bodied fowl laid more eggs than a short bodied one. The lecturer had not experimented on that line and simply gave the information for what it was worth; there was no acknowledged rule laid down. The enquirer said that the suggestion accorded with his experience. His long bodied fowls laid better and he was breeding along that line.

Green feed should be given after a meal as is evidenced by the habits of fowls at liberty. During the morning for instance, say after ten or eleven o'clock, the fowls are dusting, basking in the sun, chasing bugs and flies, etc., but feed them at the regular hour, about noon, and immediately they scatter in search of green food. Imitate as nearly as possible natural conditions.

Campden brought out the best meeting yet, most enthusiastic and largest. The whole town and surroundings gave evidence of intelligent, painstaking industry.

Much interest was evinced in the discussions and lectures no matter what the subject. An anxiety to gain information was evident, in fact, the discussion on poultry was so prolonged that a request was made that it should be continued at the evening meeting.

There are a number of breeders of barred Rocks and Spanish in the vicinity, and the care exercised in the poultry yard appears to be above the average. The delegates were flattered at their reception and by the enthusiastic response to the Chairman's suggestion that they be requested to return next year.

Grange Hall, South township, was the rendezvous, under adverse circumstances. Blowing a hurricane, snow drifting and the thermometer $^{\circ}10$ or $^{\circ}12$ below zero, was not an outlook that would induce many farmers to leave their firesides, nevertheless there were about fifty present. So far as poultry goes the interest centred in the feeding of cut green bone. In reply to a question on this point, its use was advocated in winter as an egg producer, and several gentlemen evinced a desire to purchase the bone but had found it difficult to obtain it even in the adjoining city of St. Catharines. Here we met an old Hamburg fancier who, in olden times, was well acquainted with our friend Sharp Butterfield.

The weather was so very bad that it was decided by vote that it would be useless holding an evening meeting.

Orange Hall, Grantham township, was slightly more favoured on the morrow, the wind having subsided. The interest in poultry was great, and after exemplifying that it was a remunerative industry to the satisfaction of those in attendance, the ensuing discussion was quite lively. Several of those present wished to be informed as to the particular variety of

general purpose fowl best to adopt. This information, however, was not forthcoming and they had to be content with a general description of the various Wyandottes, Plymouth Rocks and Javas, as constituting the American class, the acknowledged general purpose fowl. In the evening the subject was a varied one, replies being given to many queries, principally on poultry houses suitable for the farm.

Niagara Falls, South, brought out a fair number of farmers who were advised to take up the profitable poultry industry as one of the main branches of the farm, especially as prices of fruit had been for the past few years very unsatisfactory.

Prices of poultry in these latter districts have been pretty well maintained and it appears that fall prices are in advance of those in Hamilton, Toronto and Brantford so far as poultry is concerned. The figures presented (which appear in another column) were considered low, so that it was thoroughly understood that there was no exaggeration.

MONEY IN POULTRY ON THE FARM.

The following exemplification of the profits which may be obtained from poultry on the farm, have been placed before the farmers of the district to the southwest of Lake Ontario, by Mr. R. H. Essex, in his lecturing tour, at the meetings held in connection with Farmers' Institutes.

It will be seen that the subject has been divided into three parts:

First—Poultry on the farm as ordinarily kept by the farmer, with no especial attention.

Second—Poultry on the farm which have been hatched early with the object of inducing winter laying.

Third—Poultry on the farm hatched early and receiving proper attention, and fed with the object of inducing an increased egg yield.

The year has been divided into two parts of six months each.

FARM POULTRY RECEIVING NO ESPECIAL ATTENTION.

April to September—8 doz. eggs @ 10c	-	80
October to March—1 1/2 " " " 20c	-	30
		<hr/>
Average hatch by hen, 8 chicks @ 5c	-	\$1 10
		<hr/>
		40
		<hr/>
		\$1 50

Deduct feed - 50

Profit—\$1 00

FARM POULTRY EARLY HATCHED.

October to March—8 doz. eggs @ 20c	-	\$1 60
April to September—3 " " " 10c	-	30
		<hr/>
Average hatch by hen, 8 chicks @ 5c	-	\$1 90
		<hr/>
		40
		<hr/>
		\$2 30

Deduct feed - 75

Profit—\$1 55

FARM POULTRY EARLY HATCHED, FED AND BRED WITH A VIEW TO INCREASED EGG YIELD.

October to March—10 doz. eggs @ 20c	-	\$2 00
April to September—4 " " " 10c	-	40
		<hr/>
Average hatch by hen, 8 chicks @ 5c	-	\$2 40
		<hr/>
		40
		<hr/>
		\$2 80

Deduct feed - 1 00

Profit—\$1 80

A GOOD EXAMPLE TO FOLLOW.

You will please find enclosed one dollar for which send the REVIEW to the following names. I took such a liking to your paper that I thought others should have it. Next year, should I live to take your paper, I will do more for you if I can; no man who calls himself a poultry man should be without your valuable REVIEW. Wishing you success for 1899.

Dresden, Ont. HARRY W. HITCHCOCK.

WISH THERE WERE MORE LIKE THIS.

You will find enclosed order for \$1.00 for three subscriptions for REVIEW. Please send to following addresses, all Chatham. Please begin with Feb. number.

I see by REVIEW that you have just seven subscribers here so this will make ten, I hope to be able to double it before 1900 (so do we). I would like to change my ad. as I have sold all my stock except a couple of Minorca cockerels and a few ducks.

Yours truly,
Chatham, Feb. 6, 1899. W. A. WILSON.

IF YOU LIKE REVIEW
tell your neighbors. If you don't like it tell us.



MR. ARTHUR E. FELCH, NATICK, MASS.,
THE GENIAL SECRETARY OF THE AMERICAN POULTRY ASSOCIATION.

NOTES AND COMMENTS

A SHOW IN STRATFORD
will be held from January 15th to 20th, 1900. Particulars in due season.

A CURIOUS CASE
was reported to us by Mr. Geo. Hope the other day. In handling a Homing pigeon he noticed on stroking the breast that some sharp object pricked his finger. Examination proved that a sharp pointed piece of glass was protruding which he removed without much difficulty and the bird is now as well as ever. The article had probably been swallowed as grit and had worked its way partially out.

CHANGES OF ADVERTISEMENTS
must in future reach us not later than the 15th of each month for publication in REVIEW of the month following. We have now to begin work so early on REVIEW owing to the greatly increased number issued that this is a necessity.

OF COURSE WE AGREE WITH MR. JONES.

I received a copy of the REVIEW for which accept thanks. It is certainly an A1 poultry journal, and at the very low price of 50 cents no poultry fancier could afford to be without it. Please find enclosed subscription \$1.00 for three years as per offer.

Yours truly,

Miami, Man., Feb. 13, 1899. CHAS. JONRS.

P. S.—Send a couple of extra copies and I will try and get you a new subscriber or so myself. C. J.

NO APOLOGY NEEDED, WE WANT SUBSCRIBERS MORE.

Please find enclosed \$1.00 for the REVIEW for three years beginning 1st Jan. '99. As a comparatively old breeder I feel I almost owe you an apology for not subscribing before.

Yours,

P.O. Dep't, Ottawa, Feb. 6, 1899. S. SHORT.

MR. GERRIE IS NOT WM. GEARY,
but Wm. Geary is Mr. Gerrie. Apologies to Pearce's able head of the poultry and stock food department.

MR. H. S. BABCOCK
has sold all his pea-combed barred Plymouth Rocks with the exception of a few cockerels to Mr. O. S. Gagnon, Belle Rievriere, Que. Mr. Babcock says this has always been a profitable variety in his hands and hopes that they will so continue under their new ownership.

WE REGRET TO LEARN
of a serious accident that befell Mr. J. H. Shales a few days ago. Mr. Shales is an elevator expert and while engaged at work on the elevator in one of the large city buildings a heavy cylinder fell and greatly injured his head. He was at once taken to the Emergency Hospital and we are happy to say is, at this writing, very much better.

THE WESTERN FAIR,
we see from a copy of the past year's balance sheet, is in the enviable position of holding assets valued at \$42,064, including \$8,500 cash in bank, and with liabilities marked "nil." Mr. Browne and the Board of Directors are to be congratulated. By the way, we suppose those extra poultry classes will go on this year Mr. B.? The chicks help to earn the kudos for you.

MR. A. P. MUTCHMOR, OTTAWA,
who advertises pigeons and Bantams in REVIEW made pretty nearly a clean sweep at the Eastern Ontario on the former in all his varieties. We draw attention to the fact in justice to him as we do not publish pigeon awards.

THIRTY-EIGHT BELOW ZERO AND A FORTY MILE
DRIVE.

So writes Dr. A. W. Bell, who is spending his summer vacation up at Bracebridge. One good thing is no "skeeters" will bother him so early in the season.

THE TORONTO POULTRY AND GARDEN PRODUCE CO.,
LIMITED,

is a large concern recently incorporated with a \$40,000 capital. They have secured forty-three acres adjoining the city and are now busy erecting poultry houses, brooder houses, etc. Mr. L. H. Baldwin spent three weeks on the other side visiting the largest establishments on their behalf, and on his return and recommendation the company decided to purchase twenty 240-egg Toronto incubators. Mr. Willitts informs us that nine of these have already been delivered and the others are being built. It is the intention eventually to have at least one machine hatch every day.

THE COLORED PLATES
promised for this issue, owing to delay in shipment from the artists, we are sorry to say must wait for April REVIEW. They are on the way at this writing, February 28th, and we can promise our readers a rare treat, as the picture will excel anything yet attempted.

REPEATED ENQUIRIES
to the Secretary have failed to bring a copy of the Montreal prize list. This we regret, and hope Mr. Hall is not suffering from the prevailing epidemic, as some of our other Montreal friends are.

COPY HELD OVER.
Although this issue of REVIEW contains many extra pages we have been obliged to hold over a mass of miscellaneous matter which we by no means could crowd in. This includes some very interesting egg records, a long and interesting letter from a show secretary commenting favorably on Mr. Felch's suggestion to assist county or district poultry associations—with which we are heartily in accord—and various other items. We hope to get all cleared up in the near future.

CORRECTIONS IN ONTARIO LIST.

ANY letters received by us as to errors in Ontario list were forwarded to Mr. Browne. Following is his reply and explanation:—

EDITOR REVIEW:—

I am very much pleased that you have afforded me the opportunity of correcting the mistakes complained of in my report of the prize winners at the late Ontario show at Toronto (a copy of which was sent for publication in the REVIEW of February), and am somewhat surprised that there were not more under the circumstances and I assure the gentlemen interested that the errors were quite unintentional no matter by whom made and trust the explanations may be satisfactory to all.

The judge's books show Mr. W. J. Bell, of Angus, to be the winner of the best bronze Turkey male, and also 3rd on R. C. white Leghorn hen.

Mr. Thos. Sherlock, of London, was the winner of 2nd prize on pyle Game pullet, and Mr. John Bradley's, (the winner of 2nd pullet S. C. brown Leghorn) address is Milton, Ont., not London, although we have an exhibitor here by that name.

As you are aware, Mr. Editor, a number of alterations were made in the awards after we had posted up the judge's books and it is a very easy matter to overlook corrections in the hurry. There is not much time to check up when prize money is paid out Friday of the show.

Have carefully checked over the awards and they will appear correctly in the Government report.

Thanking you for your kindness in favoring me with letters referred to. Any further information will be cheerfully given.

Yours very truly,
THOS. A. BROWNE.

London, Feb. 22, 1899. Sec'y P. A. of O.

HURON POULTRY AND PET STOCK
ASSOCIATION.

HELD their winter show on Jan. 24, 25 and 26. On Monday the 23rd, in the afternoon the birds began to arrive at the town hall, which the town council had granted the free use for the show. By night there were 615 birds all cooped and everything ready for the judge. Mr. Barber arrived from Toronto and commenced his work early Tuesday morning. Mr. Barber as a judge thoroughly understands his work of judging poultry, and on the whole gave good satisfaction. A great deal of praise must be given the local directors and the secretary (Mr. Swallow), for the success of the show.

LIST OF WINNERS.

Messrs. John Ward, O. C. Willson, Dr. Scott, Jos. Tyerman, Frank L. Willis, Harold Johnson, Wm. Copp, Thos. McMichael, W. J. Irwin, G. W. Irwin, of Seaforth; Colin Cambell, Ed. Munroe, J. Fisher, E. Newcombe, of Goderich; Wm. Wallace, Sam. Appleby, John Melville, of Londesboro; J. C. Lyons, Lucknow; L. Kennedy, A. J. Grigg, F. G. Forrester, Jos. Rattenbury, B. Dayment, N. Davis, Thos. Cairns, James Howson, R. Chown, Wm. Street, W. Doherty, Geo. Swallow, S. Lawrence, A. Anderson, J. A. King, of Clinton; Walter Taylor, James Henderson, Jos. Gray, of Wingham; Bruce Medd, Wm. Carter, Constance.

LIST OF AWARDS.

Brahmas light—Cocks, L. Kennedy, score 92, 1; John Newcomb 2. Hen, Newcomb 2, 92½, 1; Newcomb, 91½, 2. Cockerel, J. C. Lyons, 93, 1. Pullet, Henderson, 92, 2. Dark—Cock, G. W. Irwin. Hen, Irwin. Cockerel, Irwin. Pullet, Irwin, 1 and 2. Cochlin, buff—Cock, Lyons, 1; Hen, Lyons, 2. Cockerel, Irwin, 1, Willis, 2. Pullet, Irwin, 1 and 2. Partridge—Cockerel, Irwin, 1 and 2. Black or white—Hen, Irwin, 1, Lyons, 2. Cockerel, Irwin, 1. Rock barred—Cock, Ward, 90, 1. Hen, Ward, 1, 91; 2, 91. Cockerel, Ward, 92½, 1. Wilson Bros, 90, 2. Pullet, Wallace, 91, 1; Wilson Bros, 90, 2. White—Cock, Forrester, 91, 1, Lyons, 90, 2. Hen—Forrester, 93, 1. Forrester, 92, 2. Cockerel—Forrester, 92½, 1; Henderson, 92, 2. Pullet, Forrester, 93½, 1; Tyerman, 93, 2. Buff—Cock, Lyons, 90, 1. Hen, Lyons, 90½, 1, Lyons, 90, 2. Pullet—Lyons, 91, 1. Game, B R—Cock, Grigg, 92½, 1; Grey, 90, 2. Hen, Grey, 91½, 1; Grigg, 91, 2. Cockerel, Grigg, 91½, 1; Grey, 89, 2. Pullet, Grigg, 91½, 1, Grey, 91, 2. Duckwing—Cock, Hen, 89½, 2. Hen, Grigg, 91½, 1; Grigg, 90½, 2. Cockerel, Grigg, 90, 1. Pullet, Grigg, 90, 1. Pyle cock, Grigg, 90½, 1, Lyons, 88, 2. Hen, Grigg, 91½, 1, Grigg, 91, 2. Cockerel, Grigg, 90½, 1. Pullet, Grigg, 92½, 1; Grigg, 91½, 2. Indian—Cock, Appleby, 91, 1. Kearns, 89½, 2. Hen, Appleby, 93½, 1; Irwin, 90½, 2. Cockerel, Tyerman, 90, 1; Chown, 88½, 2. Pullet, Tyerman, 91½, 1; Appleby, 91, 2. Bantams, B red game—Cock, Grigg, 91, 1. Rattenburg, 89½, 2. Hen, Grigg, 92, 1. Cockerel, Grigg, 91, 1. Grigg, 89, 2. Pullet, Chown, 92, 1; Rattenburg, 90½, 2. Duckwing—Cock, Lyons, 90, 1. Hen, Lyons, 92½, 1; Munro, 89½, 2. Cockerel, Campbell, 85½, 2. Pullet, Campbell, 90, 1; Munro, 89, 2. Pyle—Cock, Grigg, 90½, 1. Hen, Grigg, 92, 1; Lyons, 90, 2. Cockerel, Grigg, 91½, 1; Lyons, 89½, 2. Pullet, Grigg, 92, 1; Lyons, 90½, 2. A O V game—Cockerel, Grigg, 90½, 1. Pullet, Grigg, 91, 1. Golden sebright—Hen, Lyons, 92, 1. Campbell, 91, 2. Cockerel, Lyons, 89½, 2. Pullet, Lyons, 92, 1. Cochlin—Hen, Campbell, 91, 1. Cockerel, Taylor, 92, 1. Pullet, Taylor, 92, 1. Black African—Hen, Wilson Bros, 90½, 1. Cockerel, Henderson, 93½, 1. Pullet, Henderson, 93½, 1. A O V ornamental—Cock, Campbell, 87½, 2. Hen, Campbell, 89½, 2.

Dominiques—Cock, Willson, Bros, 91½, 1; Willson Bros, 89½, 2. Hen, Willson Bros, 90½, 1; Willson Bros, 89½, 2. Dorkings, silver grey—Cock, Fisher, 91, 1; Irwin, 90½, 2. Hen, Irwin, 92½, 1. Cockerel, Irwin, 90, 1. Pullet, Irwin, 92, 1; Henderson, 91½, 2. Langshans, black—Cock, Grey, 93, 1. Hen, Johnston Bros, 93½, 1; Johnston Bros, 92, 2. Cockerel, Taylor, 93½, 1; Grey, 92½, 1. Pullet, Johnston Bros, 93, 1; Johnston Bros, 94½, 2. Wyandottes, silver—Cock, Lyons, 90, 1. Hen, Appleby, 91½, 1. Cockerel, Lawrence, 93, 1; Willis, 92½, 2. Pullet, Lawrence, 92, 1; Willis, 91½, 2. Golden—Cock, Swallow, 90½, 1; Dymont, 88, 2. Hen, Swallow, 91, 1. Cockerel, Swallow, 93, 1; Swallow, 92½, 2. Pullet, Swallow, 93, 1; Anderson, 92½, 2. White—Hen, Fisher, 93, 1; Dymont, 90, 2. Cockerel, Davis, 92, 1. Pullet, Willis, 92½, 1; Davis, 92, 2. Buff, cock, Lyons, 91½, 1. Hen, Lyons, 91½, 1; Fisher, 90½, 2. Cockerel, Fisher, 90, 1. Javs, black—Hen, Lyons, 91, 1; Lyons, 90, 2. Cockerel, Henderson, 91½, 1. Pullet, Lyons, 92½, 1; Henderson, 91½, 2. Red Caps—Cock, Lyons, 93, 1; Wallace, 91, 2. Hen, Wallace, 92½, 1; Lyons, 92, 2. Cockerel, Campbell, 91, 1. Pullet, Wallace, 92½, 1; Campbell, 92, 2. Polands, W C black—Cock, Carter, 92, 1. Cockerel, Carter, 92½, 1. Pullet, Carter, 92½, 1. Golden—Cock, Carter, 91½, 1; Carter, 90½, 2. Hen, Carter, 90½, 1. Carter, 90, 2. Pullet, Carter, 90½, 1. Silver—Cock, Carter, 90½, 1. Carter, 89½, 2. Hen, Carter, 91, 2. A O V—Cock, Carter, 93, 1; Carter, 92, 2. Hen, Carter, 91, 1; Carter, 90½, 2. Hamburg, gold spangled—Cock, Munroe, 90½, 1. Hen, Munroe, 92, 1; Carter, 90½, 2. Cockerel, Munroe, 92½, 1; Munroe, 91, 2. Pullet, Carter, 93½, 1; Munroe, 93, 2. Silver—Cock, Carter, 91, 1. Hen, Carter, 91, 1. Pullet, Carter, 94, 1. Pencilled—Cock, Irwin, 91½, 1. Hen, Carter, 93½, 1; Chown, 92½, 2. Cockerel, Carter, 92½, 1; Carter, 90½, 2. Pullet, Carter, 91½, 1. Black—Cock, Carter, 91, 1. Hen, Carter, 93, 1. Cockerel, Munro, 94½, 1; Munro, 93½, 2. Pullet, Munro, 94, 1; Henderson, 93½, 2. Houdans—Cock, Scott, 91½, 1. Carter, 91, 2. Hen, Scott, 90½, 1. Cockerel, Scott, 91½, 1. Pullet, Scott, 92, 1; Carter, 91, 2. Leghorns, white—Cock, Taylor, 91½, 1; Howson, 91, 2. Hen, Henderson, 94½, 1; Henderson, 94, 2. Cockerel, Taylor, 92½, 1; Carter, 92, 2. Pullet, Taylor, 94½, 1; Taylor, 94, 2. Brown—Cock, Taylor, 92½, 1; Wallace, 92, 2. Hen, Wallace, 95, 1; Melville, 2. Cockerel, Grey, 92½, 1; Wallace 2. Pullet, Grey, 93½, 1; Howson, 2. Black—Hen, Munro, 93½, 1; Wallace, 93, 2. Cockerel, Wallace, 94½, 1; Wallace, 92, 2. Pullet, Wallace, 94, 1. Buff—Cock, Wallace, 92, 1. Hen, Wallace, 93½, 1. Melville, 2. Cockerel, Melville, 92, 1. Pullet, Wallace, 93½; Melville, 91½, 2. Minorcas, black—Cock, Campbell, 91½, 1. Hen, Doherty, 94½, 1; Hourie, 93½, 2. Cockerel, Hourie, 93½, 1; Campbell, 92½, 2. Pullet—Doherty, 94½, 1; Hourie, 93½, 2. White—Cock, Medd Bros, 91, 1. Hen, Fisher, 94, 1. Cockerel, Appleby, 93, 1; Medd Bros, 93, 2. Pullet, Appleby, 94, 1; Fisher, 93½, 2nd. Andalusian—Cock, Rattenburg, 91½, 1. Hen, Rattenburg, 93, 1. Cockerel, Scott, 94½, 1; Forrester, 94, 2. Pullet, Rattenburg, 94, 1; Scott, 93½, 2. Spanish—Hen, McMichael, 93, 1. Cockerel, Lyons, 94, 1; Henderson, 93½, 2. Pullet, Irwin, 94, 1; Irwin, 93½, 2. Turkeys, old—Cock, McMichael, 1; Wallace, 2. Hen, McMichael, 1; Wallace, 2. Bred in 1898—Cock, McMichael, 1. Hen, McMichael, 2. Heaviest turkey—Campbell Weight, 43 lbs.

Geese, Bremen, old—Henderson, 1; Irwin, 2. Bred in 1898—Irwin, 1; Henderson, 2. Ducks, Pekin, old—Irwin, 1; Lyons, 2. Aylsbury, old—Appleby, 1; Carter, 2. Bred in '98, Pekin—Irwin, 1; Henderson, 2. Aylsbury, bred in '98—Henderson, 1; Henderson, 2. Bred in '98, Rouen—Irwin, 1; Wallace, 2. Breeding pens, light—Kennedy, 1; Newcombe, 2. Langshan—Johnston Bros, 1; Kennedy, 2. Game, black or B Br red—Grigg, 1. Hamburg, black—Munro, 1. Leghorns, white—Taylor, 1; Henderson, 2. Brown—Wallace, 1. Melville, 2. Andalusian—Forrester, 1. Minorcas, white—Medd Bros. Rock barred—Willson Bros, 1. White—Lyreman, 1; Wilson Bros, 2. Houdans—Scott, 1. Wyandottes, silver—Willis, 1; Copp, 2. Golden—Swallow, 1. White—Fisher, 1. Bantams, game—Grigg, 1.

HAMILTON SHOW.

AN INCREASE OF TWENTY-FIVE PER CENT. IN ENTRIES.

The annual poultry, pet stock and pigeon exhibition of the Hamilton and Wentworth Poultry Association was the most successful ever held under the auspices of the local Association from every point of view. The number of exhibits was 25 per cent, larger than in other years and the attendance was much larger.

Note—Position of names shows awards.

PRIZE LIST.

Brahmas, dark—Cock, M T Burn, F Howe, A G George. Hen, Burn, George, 1 and 2. Cockerel, Burn, Pullet, Burn, George, F Horning. Light—Cock, H Symington, T A Cox. Hen, Cox, 1 and 2, Modlin. Cockerel, Cox, Fred Hamilton, J Tossey. Pullet, Symington, Cox, Symington. Pen—Cox, George, Holton. Buff Cochlins—Cock, George, S D Furninger, George. Hen, Young Bros, H Wyatt, F Howe. Cockerel, Wyatt, 1 and 2; Rodgers. Pullet, Wyatt, Young Bros, Wyatt. Partridge—Cock, Howe, Wyatt, Howe. Hen, Wyatt, Howe, 2 and 3. Cockerel, Wyatt, Howe, Wyatt. Pullet, Wyatt. A. O. V.—Cock, Burn, Burns. Cockerel, Burn, George. Pullet, George, Burn. Hen, Wyatt, Young Bros, J T Thompson. Black Langshans—Cock, R B Hill, E J Dewey, Cox. Hen, Hill, Dewey, Cox. Cockerel, Cox, George Tossey, Furninger. Pullet, Hill, Cox, Dewey. White—Cock, F R Webber. Hen, Webber. Cockerel, Webber, 1 and 2. Pullet, Webber, 1 and 2. Pen, Hill, Wright & Patterson. Silver grey Dorking—Cock, Cox, Furninger, Burn. Hen, Cox 1 and 2; Furninger. Cockerel, Walls, Furninger, Cox. Pullet, Furninger, Cox, Walls. A. O. V.—Cockerel and pullet, Furninger, 1. White—Cock, Burn, 1 and 2. Hen, Burn, 1 and 2. Cockerel, Holton, Burn. Pullet, Holton, 1 and 2; Burn. Hamburgs, silver or golden-spangled—Cock, Burn, Horning, 3. Hen, Burn, Horning, 3. Cockerel, Burn, Colvin, Furninger. Pullet, Burn, Colvin. Golden or silver pencilled—Cock, Burn. Hen, Burn, Henderson & Billings. Cockerel, Burn, 1 and 2. Pullet, Burn, 1 and 2; Furninger. A. O. V.—Hen,

Burn. Cockerel, Burn, Colvin. Pullet, Burn.
 Leghorns, brown—Cock, Henderson, 1 and 2; Dewey, Hen, Henderson, Dewar Bros., Henderson. Cockerel, Henderson, Dewar Bros, Henderson, 2 and 3. Pullet, Dewar, Henderson, 2 and 3. White—Cock, Phillips Bros & Kemp, Hen, Modlin, Cox, Phillips. Cockerel, Drever, Cox and Phillips Bros & Kemp. Pullet, Cox, 1 and 2; Drever, Buff—Hen, Henderson & Billings, McFadden. Cockerel, Doyle, Phillips Bros & Kemp, Henderson & Billings. Pullet, Henderson & Billings, Phillips Bros & Kemp, McFadden. Any other variety—Cock, Henderson & Billings, Burn, McFadden, Hen, Henderson & Billings, Burn, George. Cockerel, Burn, Henderson & Billings, Bodden. Pullet, Henderson & Billings, Burn, Phillips Bros & Kemp, Pen, any variety—Dewar Bros, Henderson.
 Red Caps—Cock, Erland Lee, Cox, Hen, Blackburn, Lee, 2 and 3. Cockerel, Cox, Lee, 2 and 3. Pullet, Lee, 1 and 2; Cox.
 Black Spanish—Cock, Burn, Modlin, Henderson & Billings. Hen, Burn, Henderson & Billings, Modlin. Cockerel, Burn, Henderson & Billings, McCormick & Son. Pullet, McCormick & Son, Henderson & Billings.
 Minorcas, black—Cock, Dr Carr, Mrs J H Shales, Cox, Hen, Cox, 1 and 2; Blackburn, Cockerel, Cox, 1 and 2; McCormick & Son. Pullet, Cox, 1 and 2; McCormick & Son. White—Cock, Mrs Shales, Hen, Cox. Pullet, Mrs Shales, 1 and 2, Cox. Any variety—Hens, Cox.
 Andalusians—Hen, Cox, 1 and 2. Cockerel, Cox, J & T Thompson. Pullet, Cox, 1 and 2; J & T Thompson.
 Houdans—Cock, Stroud & Wilson, Modlin, Hen, Burn, Modlin, Stroud & Wilson. Cockerel, Stroud & Wilson, Webber, Stroud & Wilson. Pullet, Stroud & Wilson, 1 and 2; Webber.
 Games, black red—Cock, Main, 1 and 2. Hens, Main, 1 and 2. Rev Geoghegan. Cockerel, Main, 1 and 2; Geoghegan. Pullet, Main, 1 and 2; Geoghegan. Pyle—Cock, McDonald, Hen, Burn, McDonald Cockerel, McDonald, Burn. Pullet, Burn, McDonald. Indian—Cock, Richardson, Modlin, Rodgers. Hen, Richardson. Modlin. Cockerel, Modlin, Young Brothers, 2 and 3. Pullet, Richardson, Young Brothers, Modlin, Malay—Cock, Burn, Hen, Burn. Pullet, Burn. Any other variety—Cock, Burn, Hen, Burn Cockerel, McDonald. Exhibition pen of Games—Richardson, Main
 Barred Plymouth Rocks—Cock, Henderson & Billings, Richardson, Dickenson Hen, Dr Thompson, McCormick & Son, Richardson Cockerel, McCormick & Son, Henderson & Billings, Thompson, Pullets, McKay, McCormick & Son, Richardson White—Cock, Cox, Green, Symington, Hen, Cox, Symington, Cox. Cockerel, Wright & Patterson, Bryant, Cox. Pullet, Symington, Cox, Wright & Patterson. Buff—Cock, Cox, Henderson & Billings, Stuart Hen, Henderson & Billings, Stuart Cockerel, Cox, Livingston, Webber Pullet, Livingston, Webber Pen—Richardson, Dickenson, Boyd.
 Wyandottes, gold laced—Cock, Henderson & Billings, White, Cox, Hen, Cox, White Cockerel, Sharp, Pullet, Young Bros, Sharp, 2 and 3. Silver laced—Cock, Henderson & Billings, Cox, Hen, Henderson & Billings, Cox Cockerel, Henderson & Billings, Cox, Wright & Patterson. Pullet, Cox, Henderson & Billings, Buff—Cock, Mrs Shales, Hen, Mrs Shales, 1 and 2. Cockerel, Mrs Shales, 1 and 2. Pullet, Mrs Shales, 1 and 2. White—Cock, Mrs Shales, Hen, Mrs Shales, Cockerel, Mrs Shales, Cox, Mrs Shales, Pullet, Mrs Shales, 1 and 2. Cox, Pen—Cox.
 Javas, black—Cock, J E Peart, Webber, 2 and 3. Hen, Webber, Peart, 2 and 3. Cockerel, Peart, 1 and 2; Cox. Pullet, Peart, Cox, Peart, A. O. V.—Cock, Webber. Hen, Webber 1 and 2.
 Polands, white crested, black or white crested, white—Cock, Cox, Burn, Cox. Hen, Burn, Cockerel, Cox, Burn, Pullet, Cox, Burn, Cox. Golden or silver—Cock, Burn, Hen, Burn, Colvin. Cockerel, Burn, 1 and 2; Colvin. Pullet, Burn, 1 and 2; Colvin. A. O. V.—Cock, Burn. Cockerel, Burn. Pullet, Burn.
 Bantams, black red game—Cock, Furlinger, Laing, McDonald. Hen, Laing, Phillips Bros & Kemp, McDonald, Cockerel, Bruce & Acres, 1 and 2; McCormick & Son. Pullet, Bruce & Acres, Laing, 2 and 3. Brown red, cock—McCormick & Son. Hen, McCormick & Son. Pullet, Furlinger, Jones Pyle game—Cock, Laing, Cox, Furlinger. Hen, Webber, Laing, Cox. Cockerel, Cox, Laing, 2 and 3. Pullet, Young Bros, Laing, 2 and 3. Duck-wing game—Cock, Furlinger, McDonald. Hen, Laing, Cox. Cockerel, McDonald, Cox. Golden Sebright—Cock, Laing, Burn, oYung Bros, Hen, Burn, Grout, Young Bros. Cockerel, Burn, Grout, Laing, Pullet, Burn, Grout, Laing. Silver Sebright—Cock, Cooper, Hen, Laing, 1 and 2; Grout, Cockerel, Webber, Cooper, Grout. Pullet, Cooper, 1, 2 and 3.
 Bantams, buff Cochlin—Cock, McDonald, Peart. Hen, McDonald, Peart, Cox. Cockerel, Colvin, McDonald. Pullet, Young Bros, Colvin, McDonald. White or black Cochlins—Cock, Henderson & Billings. Hen, Henderson & Billings. Cockerel, Henderson & Billings. Pullet, Henderson & Billings, McDonald. A. O. V.—Cock, Burn, 1 and 2; Grout, Hen, Burn, Grout. Cockerel, Burn, Webber, Grout. Pullet, Burn, Webber, Burn, Pen, any variety—Laing, Dewey Bros, Cox.
 Turkeys, bronze—male, Main, Cox, Bertram. Female, Main, Cox, Bertram. Any other variety, old—Male, Cox, McDonald. Female, McDonald, Cox. Male, 1898, Cox. Female, 1898, Cox.
 Embden geese—Gander, McDonald, Webber. Goose, Webber, McDonald, 2 and 3. Gander, 1898, McDonald, 1 and 2. Goose, 1898, McDonald, 1 and 2.
 Toulouse geese—Gander, Webber, McDonald, Goose, Webber, McDonald, Gander, 1898, McDonald, 1 and 2; Webber, Goose, 1898, McDonald, 1 and 2; Webber, Geese, any other variety—Gander, McDonald, J & T Thompson. Goose, McDonald, Thompson, Gander, 1898, Thompson, McDonald, Goose, 1898, McDonald, Thompson.
 Ducks, Aylesbury—Drake, McDonald, Webber. Duck, McDonald, Webber Drake and duck, 1898, McDonald, Webber Pekin—Drake, Webber, McDonald, Duck, McDonald, Webber, Bennett & Sons, Drake, 98, Bennett & Sons, McDonald, Webber Duck, 1898, McDonald, Webber, Bennet & Sons, Rouen—Drake, McDonald, Main, Duck, McDonald, 1 and 2; Main, Drake, 1898, McDonald, 1 and 2; Bertram, Duck, 1898, McDonald, 1 and 2; Bertram. Any other variety—Drake, McCormick & Son, Duck, McCormick & Son, Drake, 1898, Burn, Webber, Duck, 1898, Webber, McCormick & Son.
 Selling class, chickens, \$4—Cock, A & T Patrick, Modlin. Hen, Patrick, Modlin, McKay. Cockerel, McCormick & Son, Wyatt, Richardson. Pullet, 2, McKay. \$2—Hen, Modlin, Dickenson, 2 and 3. Cockerel, Boyd, Dickenson, Richardson. Pullet, Patrick, Richardson, Holton.
 Dressed poultry—Turkey, J & T Thompson, Wilkinson. Goose, Main.
 Specials—Best and heaviest dressed turkey—Gobler, Thompson.
 Best bantam black red game—Laing.
 Largest exhibit of poultry—Cox.
 Best four birds, any one variety, open to Went worth County—G G Henderson.

EASTERN ONTARIO POULTRY ASSOCIATION.
 FROM E. H. GISBORNE, SECRETARY.
 In the competition for the cup given by Lord Aberdeen, the first four pens were: P. McGregor, Andalusians, 554½; Taggart and James, brown Leghorns, 553½; A. P. Mutchmor, black Minorcas, 548¾; W. H. Armstrong, black Minorcas, 548½.
 This cup was competed for between Andalusians, Minorcas and white, brown and buff S. C. Leghorns; the handicap prescribed by the Standard was too heavy for the white Leghorns, the two highest pens of which were S. N. Graham, 554¾, and J. I. Gill, 549¾.
 The exhibition was very successful, there being about eleven hundred birds and a very good exhibit of eggs. Also a brooder full of chickens sent by Mr. D. H. Davis, of Almonte, who most generously and kindly bore the whole expense himself to lend the Association a helping hand. It is a pity we have not more fanciers like Mr. Davis.
 PRIZE LIST.
 Brahmas, light—Cock, E W Pearen, 1; W R Knight, 2; A P Mutchmor, 3. Hen—Pearen, 1 and special; Knight, 2; Mutchmor, 3. Cockerel, Pearen, 1; J Gilroy, 2. Pullet, Pearen, 1; Gilroy, 2. Dark—Cock, J Daniels, 1 and special; Pearen, 2; Garrett, 3. Hen, Daniels, 1 and special; Garrett, 2, Pearen, 3. Cockerel, Pearen, 1; Daniels, 2. Pullet, Daniels, 1; Pearen, 2.
 Cochins, buff—Mutchmor, 1; Daniels, 2; Pearen, 3. Hen, Daniels, 1; Pearen, 2. Cockerel, Daniels, 1 and special; R L Wright, 2. Pullet, Daniels, 1; Mutchmor, 2; Wright, 3. Partridge—Cock, Pearen, 1 and special. Hen, Pearen, 1. Cockerel, Pearen, 2. Pullet, Pearen, 2. Black or white—Cock, Pearen, 1. Hen, Pearen, 1; Pearen, 2. Cockerel, Knight, 1 and special; John Bedlow, 3. Pullet, W R Knight, 1; Pearen, 2. Pearen, 3.
 Langshan—Cock, Cranston & Milne, 1 and special. Turpin & Peters, 2; Pearson, 3. Hen, Cranston & Milne, 1. Turpin & Peters, 2. W M Baillie, 3; Knight, 4. Cockerel, Cranston & Milne, 2; Turpin & Peters, 3; Mutchmor, 3; Baillie, 4. Pullet, Baillie, 1; Cranston & Milne, 2; Turpin & Peters, 3; Baillie, 4.
 Javas—Cock, Turpin & Peters, 1; Daniels, 2. W H Reid, 3. Hen, Daniels, 1; Knight, 2. Turpin & Peters, 3. Cockerel, Knight, 1; Turpin & Peters, 2. Pullet, Knight, 1; Reid, 2; Turpin & Peters, 3.

erel, Peart, 1 and 2; Cox. Pullet, Peart, Cox, Peart, A. O. V.—Cock, Webber. Hen, Webber 1 and 2.
 Polands, white crested, black or white crested, white—Cock, Cox, Burn, Cox. Hen, Burn, Cockerel, Cox, Burn, Pullet, Cox, Burn, Cox. Golden or silver—Cock, Burn, Hen, Burn, Colvin. Cockerel, Burn, 1 and 2; Colvin. Pullet, Burn, 1 and 2; Colvin. A. O. V.—Cock, Burn. Cockerel, Burn. Pullet, Burn.
 Bantams, black red game—Cock, Furlinger, Laing, McDonald. Hen, Laing, Phillips Bros & Kemp, McDonald, Cockerel, Bruce & Acres, 1 and 2; McCormick & Son. Pullet, Bruce & Acres, Laing, 2 and 3. Brown red, cock—McCormick & Son. Hen, McCormick & Son. Pullet, Furlinger, Jones Pyle game—Cock, Laing, Cox, Furlinger. Hen, Webber, Laing, Cox. Cockerel, Cox, Laing, 2 and 3. Pullet, Young Bros, Laing, 2 and 3. Duck-wing game—Cock, Furlinger, McDonald. Hen, Laing, Cox. Cockerel, McDonald, Cox. Golden Sebright—Cock, Laing, Burn, oYung Bros, Hen, Burn, Grout, Young Bros. Cockerel, Burn, Grout, Laing, Pullet, Burn, Grout, Laing. Silver Sebright—Cock, Cooper, Hen, Laing, 1 and 2; Grout, Cockerel, Webber, Cooper, Grout. Pullet, Cooper, 1, 2 and 3.
 Bantams, buff Cochlin—Cock, McDonald, Peart. Hen, McDonald, Peart, Cox. Cockerel, Colvin, McDonald. Pullet, Young Bros, Colvin, McDonald. White or black Cochlins—Cock, Henderson & Billings. Hen, Henderson & Billings. Cockerel, Henderson & Billings. Pullet, Henderson & Billings, McDonald. A. O. V.—Cock, Burn, 1 and 2; Grout, Hen, Burn, Grout. Cockerel, Burn, Webber, Grout. Pullet, Burn, Webber, Burn, Pen, any variety—Laing, Dewey Bros, Cox.
 Turkeys, bronze—male, Main, Cox, Bertram. Female, Main, Cox, Bertram. Any other variety, old—Male, Cox, McDonald. Female, McDonald, Cox. Male, 1898, Cox. Female, 1898, Cox.
 Embden geese—Gander, McDonald, Webber. Goose, Webber, McDonald, 2 and 3. Gander, 1898, McDonald, 1 and 2. Goose, 1898, McDonald, 1 and 2.
 Toulouse geese—Gander, Webber, McDonald, Goose, Webber, McDonald, Gander, 1898, McDonald, 1 and 2; Webber, Goose, 1898, McDonald, 1 and 2; Webber, Geese, any other variety—Gander, McDonald, J & T Thompson. Goose, McDonald, Thompson, Gander, 1898, Thompson, McDonald, Goose, 1898, McDonald, Thompson.
 Ducks, Aylesbury—Drake, McDonald, Webber. Duck, McDonald, Webber Drake and duck, 1898, McDonald, Webber Pekin—Drake, Webber, McDonald, Duck, McDonald, Webber, Bennett & Sons, Drake, 98, Bennett & Sons, McDonald, Webber Duck, 1898, McDonald, Webber, Bennet & Sons, Rouen—Drake, McDonald, Main, Duck, McDonald, 1 and 2; Main, Drake, 1898, McDonald, 1 and 2; Bertram, Duck, 1898, McDonald, 1 and 2; Bertram. Any other variety—Drake, McCormick & Son, Duck, McCormick & Son, Drake, 1898, Burn, Webber, Duck, 1898, Webber, McCormick & Son.
 Selling class, chickens, \$4—Cock, A & T Patrick, Modlin. Hen, Patrick, Modlin, McKay. Cockerel, McCormick & Son, Wyatt, Richardson. Pullet, 2, McKay. \$2—Hen, Modlin, Dickenson, 2 and 3. Cockerel, Boyd, Dickenson, Richardson. Pullet, Patrick, Richardson, Holton.
 Dressed poultry—Turkey, J & T Thompson, Wilkinson. Goose, Main.
 Specials—Best and heaviest dressed turkey—Gobler, Thompson.
 Best bantam black red game—Laing.
 Largest exhibit of poultry—Cox.
 Best four birds, any one variety, open to Went worth County—G G Henderson.

Dorkings, silver grey—Cock, Pearen, 1; J W Nelson, 2. Hen, Nelson, 1; Pearen, 2. Cockerel, John Bedlow, 1. Pullet, Pearen, 1; Bedlow, 2. A O V—Cock, Bedlow, 1 and special; W M Osborne, 2 and special; Nelson, 3. Hen, Bedlow, 1 and special; Nelson, 2; Osborne, 3 and special. Pullet, Nelson, 1.

Plymouth rocks, barred—Cock, Turpin & Peters, 1 and special. Hen, Devlin & Jacques, 1, special and 2. Gilroy, 3. Cockerel, Devlin & Jacques, 1 and special and 2; D Cumming, 3; Turpin & Peters, 4. Pullet, Devlin & Jacques, 1 and special and 3; Daniels, 2; Turpin & Peters, 4. White—Cock, W E Young, 1 and special; Daniels, 2; F Blaine, 3. Hen, Daniels, 1 and special; Pearen, 2; Blaine, 3. Cockerel, John Vance, 1 and special; Mutchmor, 2; Daniels, 3. Pullet, Balfie, 1 and special; Cooper, 2; Vance, 3; Mutchmor, 4. Buff—Cock, Daniels, 1. Hen, Parsons, 1 and special; Daniels, 2. Cockerel, Parsons, 1; Benjamin, 2; Graham, 3. Pullet, Parsons, 1; Benjamin, 2; Daniels, 3.

Wyandottes, golden L—Cock, G S Oldrieve, 92 1. Hen, Taylor, 89, 2; Oldrieve, Blake, 91 1/2. Pullet, Daniels, 1 and special, 93. Turpin & Peters, 92 1/2. Oldrieve, 92 1/2, 3; Blake, 91 1/2. Pullet, Daniels, 1 and special; Turpin & Peters, 91 1/2. Oldrieve, 90 1/2, 90 1/2, 3 and 4. Silver—Hen, Bedlow, 89 1/2, 2. Cock, Blake, 90 1/2, 1 and special; Knight, 99, 2; Graham, 88 1/2, 3; Daniels, 87 1/2, 4. Pullet, Blake, 89 1/2, 1 and special; Knight, 90 1/2. Graham, 91 3; Daniels, 91 4. Cock, Balfie, 1. White—Cock, Pearen, 88, 2 and special; F E Ruddle, 88, 3. Hen, Pearen, 98, 1 and special; Daniels, 91 1/2; Ruddle, 88, 2. Cockerel, Hoets n, 90 1/2, 1 and special; Vance, 90 1/2, 2; McMullen, 90 and 89 1/2, 3 and 4. Pullet, 1, special and 4. Heman, 88 1/2 and 91 1/2, 2 and 3. Howson, 92 and 91 1/2.

Black Spanish—Cock, Nelson, 1 and special; Pearen, 2; Knight, 3. Hen, Sinclair, 1; Knight, 2; Nelson, 3. Cockerel, Knight, 1; Bedlow, 2; Nelson, 3. Pullet, Fortler, 1 and 2; special; Knight, 2; Nelson, 3.

Andalusians—Cock, Knight, 90 1/2, 1; Osborne, 90 1/2, 2; McGregor, 90, 3. Hen, McGregor, 95 1/2 and 93 1/2. Special and 3; Knight, 94, 2. Cockerel, Osborne, 92, 1 and special; Knight, 91 1/2, 2; McGregor, 91, 3. Knight, 91, 1; McGregor, 92 1/2, and 91 1/2, 2.

Minorcas, black, Mutchmor, 1 and special, 92 1/2; Armstrong, 90, 2; Osborne, 87 1/2, 3. Hen, Osborne, 93 1/2, 1; Armstrong, 93, 2; Mutchmor, 92 1/2 and 90 1/2, 3. Cockerel, Armstrong, 92 1/2, and 89 1/2, 1 and 3; Fenwick, 90 1/2, 2; Mutchmor, 87 1/2, 4. Pullet, Mutchmor, 95, 1 and special; Fenwick, 93 1/2, and 93; Armstrong, 91 1/2. White—Cock, Osborne, 89, 2 and special. Hen, Osborne, 91 1/2, 91 1/2, and 90, special. Cockerel, Osborne, special, 1, 90 1/2, 88 1/2, 91 1/2, special, Osborne, 92 1/2, and 89 1/2; Reld, 91.

Leghorns, white S C—Cock, Graham, 92 1/2, 1 and special; Reld, 91 1/2, 2; Gill, 89 1/2 and 89, 3 and 4. Hen, Ruddle, 91 1/2, 1 and special; Cooper, 93, 2; Reld, 93; Cranston & Milne, 92 1/2. Cockerel, Graham, 93 1/2, 1 and special; Osborne, 93, 2; Cranston & Milne, 3; Mutchmor, 91 1/2. Pullet, Osborne, 94, 1 and special; Gill, 93 1/2, 2; Ruddle, 93 1/2, 3; Graham, 92 1/2, 4. Brown S C—Cock, Armstrong, 92 1/2, 1 and special; Sinclair, 90 1/2, 2; Taggart & James, 88 1/2, 3. Hen, Taggart & James, 91 1/2, 1 and special; Bedlow, 91 1/2, 3; Taggart & James, Mutchmor, Armstrong, 91 1/2, 1 and special; Sinclair, 92 1/2, 2; Mutchmor, 92 1/2, 3; Taggart & James, 92. Pullet, Taggart & James, 95 and 93 1/2, 1 and 2 and special; Mutchmor, 92 1/2, 3. Eyes, 92 1/2, 1. Black—Cock, Cranston & Milne, 1 and special;

Hen, Garrett, 2; Daniels, 3. Hen, Fortler, 1 and special; Graham, 2. Cockerel, Cranston & Milne, 1 and 2; Daniels, 3. Buff—Cock, Parson, 90 1/2, 1; Lowe, 88 1/2, 2; Daniels, 3. Hen, Parsons, 91, 1; Lowe, 92 1/2, 2; Daniels, 91 1/2, 3. Cockerel, Parsons, 90 1/2, 1; Daniels, 90 1/2, 2; Graham, 90 1/2, 3. Pullet, Lowe, 93 1/2, 1; Parsons, 92 1/2, 2; Ruddle, 91 1/2, 3; Graham, 91 1/2, 4. R C brown—Cock, Turpin & Peters, 1; Pearen, 2. Hen, Oldrieve, 1; Pearen, 2. Turpin & Peters, 3. Cockerel, Oldrieve, 1 and special; Pearen, 2; Eyes, 3. Pullet—Eyes, 1; Oldrieve, 2 and 3. A O V, R C—Cock, Nelson, 1 and special. Hen, Nelson, 1 and special; Reld, 2. Cockerel, Mutchmor, 1 and special; Nelson, 2; Daniels, 3. Pullet—Nelson, 1 and special; Daniels, 2; Mutchmor, 3.

Hamburg, black—Cock, Beckworth, 1; Sinclair, 2. Hen, Sinclair, 1, Knight, 2; Beckworth, 3. Cockerel, Fortler, 1 and special; Sinclair, 2; Reld, 3. Pullet, Beckworth, 1; Reld, 2; Sinclair, 3; Fortler, 4. Pencilled—Cock, Knight, 1; Pearen, 2; Nelson, 3. Hen, Knight, 1; Pearen, 2. Cockerel, Knight, 1; Beckworth, 2. Pullet, Nelson, 1; Knight, 2; Beckworth, 3 and 4. Golden spangled—Cock, Nelson, 1. Hen, Bedlow, 1 and 2; Nelson, 3. Cockerel, Beckworth, 1; Nelson, 2. Pullet, Beckworth, 1; Nelson, 2. Silver spangled—Cock, Osborne, 1 and special; Knight, 2; Beckworth, 3. Hen, Knight, 1 and special; Beckworth, 2 and 4; Pearen, 3. Cockerel, Fortler, 1 and special; Pearen, 2. Pullet, Fortler, 1 and special; Derbyshire, 2.

Polish, black, W C—Cock, Fortler, 1; Daniels, 2. Hen, Daniels, 1; Fortler, 2; Mutchmor, 3. Cockerel, Mutchmor, 1; Knight, 2. Pullet, Fortler, 1 and special. Golden—Cock, Daniels, 1; Fortler, 2; Beckworth, 3. Hen, Fortler, 1; Beckworth, 2; Daniels, 3. Cockerel, Fortler, 1. Pullet, Fortler, 1; Beckworth, 2 and 3. Silver—Cock, Beckworth, 1; Fortler, 2; Nelson, 3. Hen, Pearen, 1; Beckworth, 2 and 3. Cockerel, Beckworth, 1; Fortler, 2. Pullet, Beckworth, 1; Fortler, 2. A O V—Cock, Fortler, 1 and 2; Pearen, 3. Hen, Fortler, 1 and 2; Beckworth, 3. Cockerel, Fortler, 1 and 2; Beckworth, 3. Pullet, Beckworth, 1; Fortler, 2 and 3.

Houdans—Cock, Pearen, 1 and special; Daniels, 2; Beckworth, 3. Hen, Daniels, 1 and special; Knight, 2; Garret, 3. Cockerel, Garret, 1. Pullet, Beckworth, 1, Daniels, 2; Knight, 3; Garret, 4.

Red Caps—Cock, Osborne, 1 and special; Daniels, 2. Hen, Daniels, 1 and special; Nelson, 2; Osborne, 3. Cockerel, Daniels, 1 and special. Pullet, Daniels, 1 and special. A O V, fowl—Cock, Daniels, 1. Hen, 1. Daniels, Cockerel, 1, Daniels, Pullet, 1, Daniels.

Black Red, game—Cock, Oldrieve, 1. Hen, Oldrieve, 1 and 2. Cockerel, 1. Oldrieve, Pullet, Oldrieve, 1 and 2. Brown Red—Cock, Oldrieve, 1 and 2. Hen, Rook, 1; Oldrieve, 2 and 3. Cockerel, Oldrieve, 1. Pullet, Oldrieve, 1. Duckwings—Cock, Oldrieve, 1. Hen, Oldrieve, 1. Cockerel, Oldrieve, 1. Pullet, Oldrieve, 1. Red Pyle—Hen, Oldrieve, 1 and 2. Cornish Indian—Cock, Parsons, 1 and special; Nelson, 2; Daniels, 3. Hen, Parsons, 1 and 2; Nelson, 3. Cockerel, Parsons, 1 and 2; Nelson, 3. Pullet, Parsons, 1, special and 2; Nelson, 3. O. S. V. or white Indian game—Cock, Fortler, 1; Daniels, 2. Hen, Fortler, 1; Daniels, 2; Parsons, 3. Cockerel, Fortler, 1; Parsons, 2; Daniels, 3. Pullet, Daniels, 1; Fortler, 2. Old English or Pitt—Cock, E H Benjamin, 1, special and 2; Bedlow, 3. Hen, Benjamin, 1, special and 2; Rook, 3. Cockerel, Daniels, 1; Rook, 2; Bedlow, 3. Pullet, Daniels, 1; Rook, 2.

Black Red Game Bantam—Cock, Mutchmor, 1 and 3; Oldrieve, 2. Hen, Mutchmor, 1; Oldrieve, 2; Rook, 3. Cockerel, Oldrieve, 1; Mutchmor, 2. Pullet, Oldrieve, 1; Mutchmor, 2; Rook, 3. Brown Red—Cock, Oldrieve, 1; Mutchmor, 2. Hen, Oldrieve, 1 and 2; Mutchmor, 3. Cockerel, Mutchmor, 1. Pullet, Mutchmor, 1 and 2. Duckwing—Cock, Oldrieve, 1; Rook, 2; Mutchmor, 3. Hen, Oldrieve, 1; Rook, 2; Mutchmor, 3. Cockerel, Mutchmor, 1; Rook, 2. Pullet, Rook, 1; Hudson, 3. Red Pyle—Cock, Mutchmor, 1; Oldrieve, 2. Hen, Oldrieve, 1 and 3; Mutchmor, 2. Cockerel, 1 and 2, Mutchmor, Pullet, Mutchmor, 1 and 2.

Golden Sobright—Cock, Cranston & Milne, 1; Reld, 2; Pearen, 3. Hen, Cranston & Milne, 1 and 3; Reld, 2. Cockerel, Oldrieve, 1; Reld, 2; Cranston & Milne, 3. Pullet, Oldrieve, 1 and 3; Cranston & Milne, 2; Pearen, 1. Silver Sobright—Cock, Reld, 1; Beckworth, 2. Mutchmor, 3. Hen, Beckworth, 1; Mutchmor, 2; Reld, 3. Cockerel, Reld, 1; Mutchmor, 2. Oldrieve, 3. Pullet, Oldrieve, 1; Mutchmor, 2; Oldrieve, 3. R. C. black—Cock, Oldrieve, 1; Reld, 2. Hen, Oldrieve, 1; Reld, 2; Pearen, 3. Cockerel, Cranston & Milne, 1; Oldrieve, 2. Pullet, Oldrieve, 1; Cranston & Milne, 2. Cochin—Cock, Cranston & Milne, 1; Osborne, 2; Mutchmor, 3; Daniels, 4. Hen, Reld, 1 and 2; Cranston & Milne, 3; Mutchmor, 4. Cockerel, Mutchmor, 1; Balfie, 2; Bedlow, 3; Pearen, 4. Japanese—Cock, Daniels, 1; Beckworth, 2. Hen, Cranston & Milne, 1; Beckworth, 2. Cockerel, Cranston & Milne, 1; Beckworth, 2; Daniels, 3. Pullet, Cranston & Milne, 1 and 3; Daniels, 2. O. V. bantams—Cock, Fortler, 1; Reld, 2. Hen, Fortler, 1; Reld, 2.

Turkeys bronze—Cock, Cumming, 1; Nelson, 2. Hen, Cumming, 1 and 2. Cockerel, Cumming, 1, special and 3; Nelson, 2. Pullet, Cumming, 1 and 2; Nelson, 3. A. O. V.—Cock, Cumming, 1. Hen, Thompson, 1; Cumming, 2. Cockerel, Cumming, 1; Thompson, 2. Pullet, Thompson, 1; Cumming, 2.

Toulouse geese—Old gander, Thompson, 1; Knight, 2; Cumming, 3. Old goose, Thompson, 1; Knight, 2. Young gander, Thompson, 1; Cumming, 2 and 3. Young goose, Thompson, 1 and 2; Cumming, 3. Embden—Old gander, Thompson, 1. Old goose, Thompson, 1. Young gander, Thompson, 1 and 2; Nelson, 3. Young goose, Nelson, 1; Thompson, 2 and 3. A. O. V.—Old gander, Thompson, 1; Cumming, 2. Old goose, Thompson, 1; Cranston & Milne, 2 and 3. Young gander, Thompson, 1; Cumming, 2. Young goose, Thompson, 1; Cumming, 2.

Rouen ducks—Old drake, Knight, 1; Nelson, 2; Cumming, 3. Old duck, Knight, 1; Nelson, 2; Cumming, 3. Young drake, Nelson, 1. Cumming, 2 and 3. Young duck, Cumming, 1; Nelson, 2. Pekin ducks—Old drake, Cranston & Milne, 1; Nelson, 2; Knight, 3. Old duck, Nelson, 1; Knight, 2; Cumming, 3. Young drake, Nelson, 1; Cranston & Milne, 2. Young duck, Nelson, 1; Cranston & Milne, 2 and 3. Aylesbury—old drake, Knight, 1. Old duck, Knight, 1. A. O. V.—Old drake, Nelson, 1; Thompson, 2 and 3. Old duck, Cumming, 1; Nelson, 2; Thompson, 3. Young drake, Nelson, 1; Cumming, 2; Thompson, 3. Young duck, Cumming, 1; Nelson, 2; Thompson, 3. Farmers' pens, heavy breeds—Nelson, 1; J E Ruddle, 2; J Gilroy, 3. Farmers' pens, light breeds, Geo C Brown, 1; Parsons, 2; Ruddle, 3.

Guinea fowl—Daniels, 1; Cranston & Milne, 2.

Brown eggs—Daniels, 1; Turpin & Peters, 2; Nelson, 3; Cumming, 4.

White eggs—Ruddle, 1; Sinclair, 2; Cumming, 3; Nelson, 4.

Heaviest dozen eggs—Ruddle, 1. Dressed poultry—Cumming, 1.

THE N. B. POULTRY ASSOCIATION.

THE "Co-operative Farmer" says the members of the above mentioned poultry society are certainly to be congratulated for the excellent display of fowls and other birds made at their exhibition, which took place in Saint John, January 24th to 27th. It is something like fourteen years since a winter poultry show was held in the city and during that period very many changes have taken place, both in regard to the breeders of that day and the breeds of fowls. The latter is particularly marked in the varieties, those of a buff color being decidedly in the fashion, though they are never likely to beat the popularity of the white and gray.

Great difficulty was experienced by the association in securing a suitable hall and in a central locality. This was the reason that the fourth floor of the Foster building, corner of King and Dermain streets, was the place chosen, and to reach which several flights of stairs had to be climbed, which probably had much to do with the very poor attendance.

Mr. Frank V. Hamm, as superintendent, proved himself to be the right man in the right place; in fact, much of the success of the show was due to him, aided by the very efficient members of the committee of management.

Mr. J. G. Burke, the Secretary, is deserving of special praise, and we must not forget Mr. J. B. Magee, the Treasurer, who if he was not able to command a large surplus, was at least hopeful of enough funds on hand to pay all expenses excepting prize money.

Among the visitors present on the opening day were Honorable C. H. LaBillois, Commissioner of Agriculture, who had come to town on purpose to see the show; Robert Robertson, Superintendent of the Experimental Farm, Nappan, N.S.; Jas. Manchester, the Mayor and Mrs. Sears, Chas. A. Everett and Col. Blaine, St. John. These gentlemen all spoke in the highest terms of the excellence of the display.

The judge, Mr. H. B. May, of Natick, Mass., gave universal satisfaction, so much so, in fact, that not one exhibitor was found ready to make disparaging remarks.

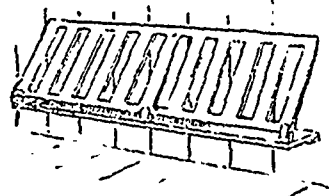
The silver cup offered by "Co-operative Farmer" for best pen of barred Plymouth Rocks was much ad-

mired and speaks volumes for the enterprise and progressiveness of this popular and growing agricultural paper.

The display of eggs was very good, though limited in numbers. Another year, it is to be hoped, a much larger quantity will be shown, to which should be added dressed poultry.

A POULTRY FEEDER.

When hens are fed in open dishes they will persist in getting into their food and soiling it. A handy and cleanly feeding arrangement is shown in the sketch. A board, with a rim in front, is nailed to



A POULTRY FEEDER.

the wall, 6 in. from the floor, and to this is hinged a slat-work arrangement that permits the fowls to feed through it, but will not let them get into the food. It opens out from the top when one is putting food upon the board, and remains closed when shut.

A GOOD WORD FOR GALT.

EDITOR REVIEW:

I see by the February REVIEW that some person spread the report amongst exhibitors that the prizes were not paid last year at Galt which is not so, at least I got my money last year, also this year. I did not go to the show either time but sent birds there and they came home in first class condition, and I also got an express money-order for prizes won in full the same day my birds came home. I did not have to wait an hour for my money and if all is well I shall be there next year.

H. E. BECKWORTH.

Blenheim, February 4, 1899.

Mr. George Angus, London, writes he won first on golden Pheasants at the Ontario, and not R. Oke, as REVIEW said.

Mr. F. R. Webber, of Guelph, was tendered a supper on February 25th, on the eve of his departure for Toronto, where he goes to take charge of the poultry on Mr. Walter H. Massey's model farm. A gold locket was presented to Mr. Webber as a token of esteem and remembrance of the Guelph association members.

Publisher's Notes.

Continued from page 125.

Close Bros. have Games and Game Bantams, and good ones, too. Birds and eggs for sale, see Game column.

Longueuil Poultry Yards advertise eggs from prize winners at Montreal and other places in white and black Minorcas, buff Rocks, silver 'Dots, etc. A card will bring full information as to matings, etc. Prices are low.

Silica Poultry grit we have known of for some years, but it has never been offered to breeders before. It is a light colored hard grit and is readily eaten as we have tested in our own yards. It is cheap, and it is claimed contains oxide of iron, lime and magnesia, all important to "biddy." See "Poultry Appliances, Etc., Department."

Cyclone fence can be had from 27 to 60 inches in height. You can build your fence at the rate of 100 rods per day and at a low cost. Write for booklet, mention REVIEW.

"Eggs from winners," says Mr. C. E. Smith, and he also gives a list of the places where they have won and the varieties he breeds, Asiatics, Rocks, Bantams etc. Also ducks, turkeys and guineas. But one pen of each variety.

C. J. Daniels advertises an excellent egg shipping box in this issue. They are cheap and withal safe. An examination will repay you for the trouble.

W. J. Bell, the rose comb white Leghorn man, says that his strain always win and have won since 1892. Eggs \$2—Look up his ad.

T. A. Willits, manufacturer of the Toronto Incubator, publishes in his business announcement a testimonial that it will pay you to read. Circular will be sent free on application.

"S.C.W. Leghorns that win," says J. & W. Barr's ad. Turn to it and see. Eggs \$2.00.

Henderson & Billings have several popular breeds including barred and buff Rocks and rose comb brown Leghorns, black Spanish and buff Leghorns. They make a specialty of these and offer eggs for sale, also drawing attention to individual birds in their pens and giving list of winners.

See Jas. A. Livingston's ad., changed this issue. Buff Rocks, black Minorcas and white Leghorns for sale, also eggs from winners of these breeds.

Fishers' Island Farm offer eggs for hatching from their practical breeds. They won heavily at Toronto and refer to last REVIEW for list of awards. They also won at New York and Pittsburg the past season. Catalogue free.

Yukon Poultry Yards are headquarters for geese and ducks, and besides these, they have several breeds of fowls for sale, and eggs from them. O'Brien & Colwell are proprietors and they have done some big winning lately.

A. Hill offers eggs for hatching from winners, and gives a long list of awards. Special rates for large quantities for incubators, etc.

See J. W. K. dweil's new ad., for prizes won on Plymouth Rocks all colors. He says "eggs \$2 straight."

W. B. Nantel, a St. Jerome, Que., breeder, breeds Brahmas, Cochins and Bantams and has eggs for sale. He was a big winner at Montreal.

Geo. H. Burgott is a brown Leghorn specialist and has them of the best. He also breeds buff and white Rocks and wants customers to send for a free catalogue.

Orchard Park Poultry Farm are strong on Minorcas, and offer eggs from them, black Javas, Indian Games and black Cochins Bantams.

Saugeen Poultry Yards breed several varieties, all popular, and have stock and eggs for sale. Their ad. is worth reading.

Star Poultry Yards offer eggs for hatching from light Brahmas, Andalusians, etc., at \$2 per 18 and refer to REVIEW for prizes won. Circular of matings sent for the asking.

A. H. Lake offers eggs from the ever popular barred Rocks at \$2.00 per setting. All prize birds in pens, including winners at last Industrial of the silver medal.

W. A. Wilson, has a variety of breeds, including the new black Orpingtons, and offers eggs for sale from all. He has but a limited number of Orpington eggs for sale.

Two dollars for a setting of eggs from a pen of imported black Minorcas, so says C. A. Mayhew. Abbott, Butlin and Snell and Morgan strains direct.

Minshall's black Minorcas are well known and now he adds white Rocks, a good team. For a list of numerous wins see his new ad. where he offers eggs for sale.

The rose comb Leghorn is a winter layer and J. L. Page has them for sale, also eggs. In his new ad. he gives some of their wins, look it up.

E. H. Perrin has buff 'Dottes and can sell eggs from two good pens, also from rose comb black Minorcas, Northrup strain. Look his new ad. up on back cover.

"The Best" incubators and brooders are advertised by J. S. Pearce & Co., the big London house. Also their popular preparations; send for their catalogue.

Berner's buff Leghorns' record is given in this issue. Eggs for sale, look up ad.

John F. Hill, in his new ad., says he is satisfied his 1899 matings in Langshans will give better results than those of 1898. Eggs for sale now.

G. J. Lovell & Co. draw particular attention to the new regulator called the Dominion now used on their incubators. They claim it is absolutely reliable and that it can be fitted to any make of machine. The price is but \$1.75.

White Rocks, black Minorcas, buff Bantams are advertised by Wm. Hartry, Seaforth. They are fully described in his new ad. Eggs \$1.50, two settings or over \$1.00 each.

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.

If you send us the names of two new subscribers together with \$1.00 we will extend your own subscription for one year as well as send REVIEW to the new names for one year. This makes it but 84 cents each. The only condition we make is that the names of the subscribers be new ones and not renewals. This does not apply to Toronto.