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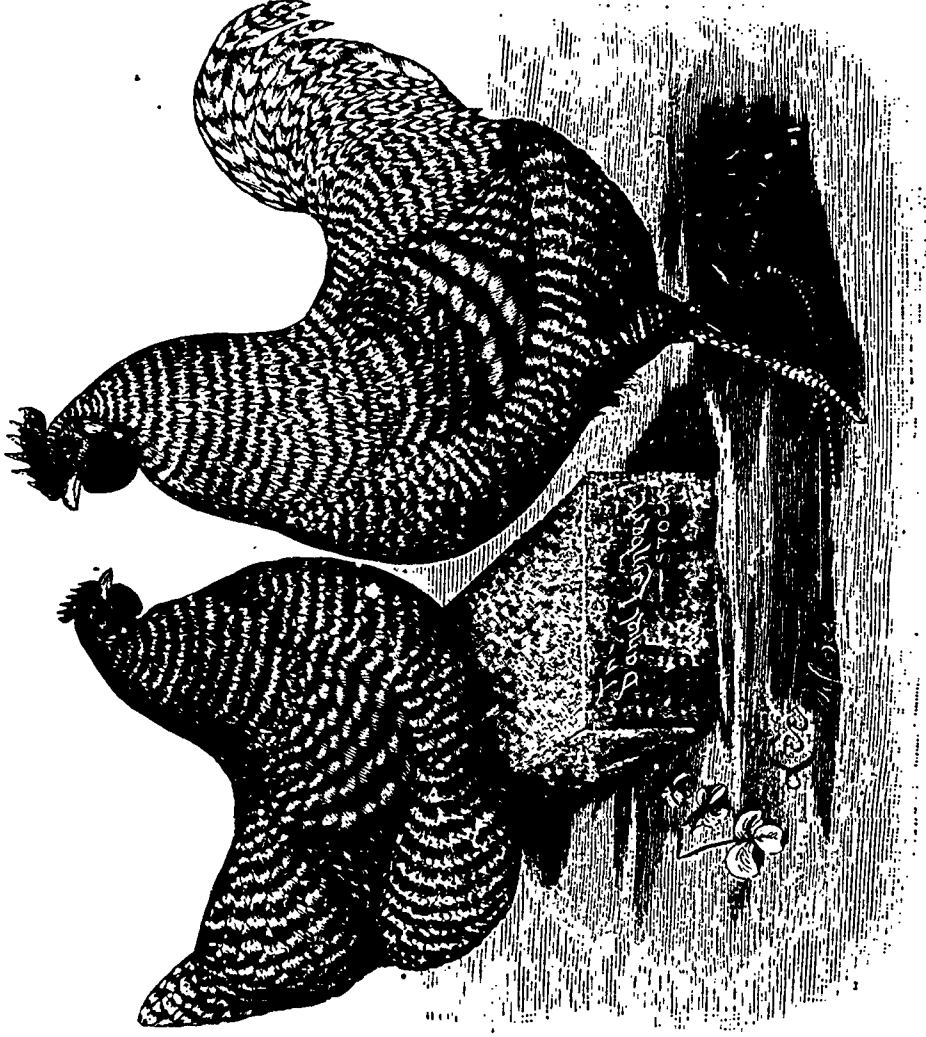
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PAIR BARRED PLYMOUTH ROCKS.

THE CANADIAN POULTRY REVIEW

DEVOTED TO POULTRY, IN ALL ITS BRANCHES

PUBLISHED BY H. B. DONOVAN.

VOL. XIII.

58 BAY STREET, TORONTO, APRIL, 1890.

No. 4

NOTES AND COMMENTS

GRIMSBY.

WE are very patiently waiting for the payment of prize money of last years show at Grimsby. Treasurer Livingston's promises do not seem to realize to any considerable extent.

A PROMINENT BANTAM MAN

writes us in the following strain. "There will have to be a change made in the Bantam judging at the Ontario next year or I drop out, it appears to me to be getting worse year after year."

BANTAMS

unfortunately always seem to come in at the tail end when judge and every one else is fagged out, and then of course they do not receive proper attention; complaint of this continually reaches us. It is surprising the numbers of Bantams that are now bred in Canada, of all varieties, they so easily "fit in" an odd coop or two.

BANTAM DEPARTMENT.

How would a Bantam department in the REVIEW suit the views of our breeders? No paper in America gives these "miniatures" proper attention, and if we thought that such a department would meet with approval and support

we should be happy to allot all necessary space, and that *regularly*. What say ye?

MR. T. A. WARDELL,

Dundas, has just shipped a trio of Malays to Washington Territory.

WE HAVE KNOWN

Mr. Wardell for many years as a staunch advocate of this variety.

MORE MINORCAS.

In looking through our English exchanges recently we noticed that still another consignment of black Minorcas had been shipped to the yards of Mr. G. G. McCormick, London.

MR. MCCORMICK

has also added the 2nd prize buff Cochin hen at New York to his pens of this variety.

THE ONTARIO ASSOCIATION.

In this issue will be found the Secretary's report to the Minister of Agriculture, also the Auditors report for the year 1889. We invite a careful perusal.

W. BARBER & CO.,

Toronto, have been adding to their stock of Game and Game Bantams from the yards of Mr. Jno. E. Gill, Franklin, Pa., whose clearing sale was advertised in REVIEW a short time ago.

MR. A. F. PEIRCE,

of Winchester, N. H. has recently received a consignment of Game Bantams from England and writes us regarding them:—

It is with pleasure I write to inform you of the safe arrival here, per S. S. Cephalonia, of my last consignment of Game Bantams. The lot (17 in number) consists of B. B. Reds, Pyles and Duckwings, from the leading strains of England, viz. Waltons Stretches and Aniscoughs. They are the nicest lot I ever imported being of excellent color, grand style, heads, tails, etc., and very tight in feather and will I feel assured acquit themselves with credit within the breeding yards and show pens.

MR. C. H. GRANTHAM,

a former resident of Canada, but of recent years living in the Island of Jersey, has returned and is about engaging in poultry and bee farming combined.

THE LOCATION

chosen is at Fenelon Falls, famed for its numerous small lakes and picturesque scenery. Mr. Grantham proposes going in for eggs entirely and has chosen white Leghorns as the best variety, having placed orders for 500 early hatched pullets.

ARTIFICIAL HEAT

will be used in one or two of the houses and comparison made between birds kept under these conditions and those

kept in unheated houses. We shall watch the experiment with interest.

THE E. O. P. A.

from the Secretary's report, has declined all advances towards amalgamation of the two Associations receiving government aid—while regretting this course we can but hope that a solution may yet be arrived at.

A JOINT MEETING

during the Industrial, where free discussion could be indulged in, might throw some light on the matter.

A STRONG FEELING

is now abroad that if Ottawa is to have an annual grant of \$300, other large centres should be likewise favored.

A CALGARY, N. W. T.

correspondent writes us that he received 60c. per doz. for eggs all last winter and that they never drop below 25c. per doz. in the summer. There should be money in this.

THE "LITTLE CANADIAN HEN."

seems to be causing our trans-border, cousins considerable uneasiness of mind just now as the following from the *American Economist* indicates.

The speech of Hon. John M. Allen, of Mississippi, on the Mills bill before the last Congress justly gave him the reputation of being the humorist of the House of Representatives. He did say amusing things, but many of them tended to show how lightly Mr. Allen and his colleagues regard subjects which have important influence upon our prosperity. Among other things he said:

"Some gentlemen have told us about how many dozen eggs were brought in from Canada last year; the number, I believe, was fourteen million dozen or fourteen hundred million dozen I do not remember which; and what is a diff-

ference of a few hundred million dozen eggs in a debate like this?"

Few people, and doubtless Mr. Allen least of any, appreciate the importance of the poultry interests to the country. In fact it is claimed by the very best authority that the value of eggs alone produced and consumed in the United States is more than equal to the wheat product. Be this as it may, a thought given the subject will convince every reasonable person of the great importance of the poultry interests to the farmers of the nation. With this important branch of agriculture we have another sample of Free-Trade, for "fowl and eggs" are on the free list. What is the result? During the fiscal year ending June 30, 1889 we imported in value:

Fowls.....	\$355,245
Eggs.....	2,418,976
Total.....	\$2,774,221

We can confidently predict that the present Congress will place such an import duty on "fowl and eggs" that the American farmer will have the benefit of nearly three million dollars greater home consumption of his products. This also will have an important influence on the balance of trade, which until recently has been against us. If pending legislation follows the true principles of Protection we will hear no more of surplus products of agriculture.

Very nice indeed.

THE SUB-COMMITTEE

on Ways and Means has completed its report to Congress and recommended that amongst other items all live animals other than horses, mules, cattle and hogs be charged a duty of 25%, this we presume includes fowls; eggs 5c per dozen; yolk of eggs 25% *ad velorem* and dressed poultry 5c per lb. It remains to be seen if the Government at Washington will adopt these measures. We of course mention only those items under our particular department.

OUR NEW TRIMMINGS.

How does the appearance of the REVIEW this month please you? We pride ourselves on the mechanical neatness of our publications as well as on the value of their contents.



MORTIMER'S MONTHLY MORSELS.

BY E. A. MORTIMER, POTTSVILLE, PA.

IF you want to win success in life and the respect of your fellow-men, keep from strong drink. Drink neutralizes the energies, so essential to success in business. Men who drink make foolish bargains and put off till to-morrow many good chances. *Don't drink!*

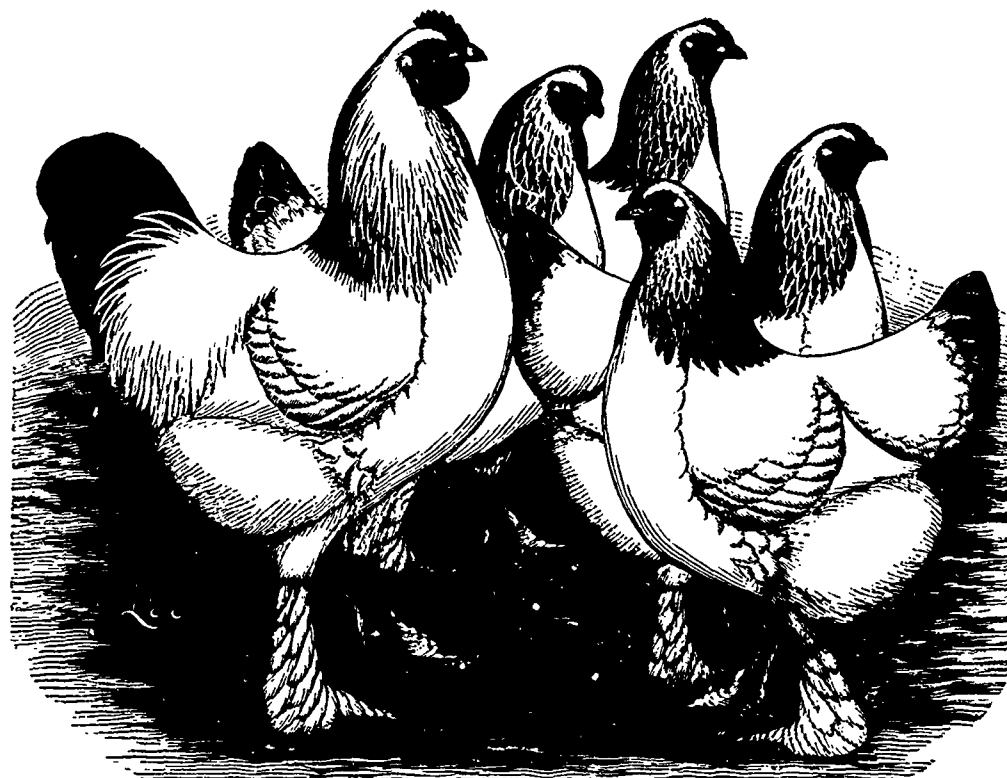
When you set a hen remember that some never make good incubators. The heat is either too high or too low.

Look out for vermin. As the spring comes, so will vermin. Whitewash with a little carbolic acid in it will prevent it.

It is about time you began to build that new poultry house. No wonder chickens don't pay you. How many chickens did you lose last season from the roup? How many eggs did you get? How many did you deserve?

Remember our caution about giving chicks hard boiled eggs. It does them no good and often causes death. Give them from the first, stale bread moistened in milk and dry bread crumbs until after they are a week old. After that give oatmeal, rice, Johnny cake with milk, cracked wheat, etc., for variety sake.

Either ducks or hens may be used for hatching ducklings, but keep them away from the ponds and streams until feathers take the place of down. A



BREEDING PEN LIGHT BRAHMAS.

young duck grows much faster than a young chick and therefore should be fed more liberally, on a variety, as they are voracious and will eat anything placed before them.

Goslings may be treated in the same way as we have recommended for ducks, but it is best to give them as much liberty as possible. All aquatic fowls are fond of grass and are excellent foragers.

The meat of a caponized fowl is sweeter, whiter, and retains the tenderness of spring chicken. Then again, the capon is left to fatten and when the "broilers" cannot be procured, the capon fills the bill. A few months after the operation the bird is about twice the size of a spring chicken, and worth about ten cents a pound more.

The more the Langshans are tried, the better are they liked. A strong prejudice existed against them at first on account of their dark legs, but as sensible people are reflecting that the legs are the most useless part about a fowl, so far as table purposes are concerned, the breed is becoming more popular. The Langshan is a large fowl—nearly as large as the Brahma—and yet the pullets sometimes lay as early as the pullets of the Leghorns. We can put our hands on two pullets that began to lay when they were five months old, and a score that began before they were six months of age. When we say that much in their favor, it is not all, for they lay as steadily after they begin as any other fowls. They are not non-setters like Leghorns, but they do not incline to sit as quickly as the Brahmas, though they make excellent mothers,

and begin to lay again before leaving the chicks. For the table, they are fine. The flesh is close-grained and tender, dresses white, and the body is full, compact, and nice-looking. If there is any one particular fowl that may be claimed as a perfect one, it is the Langshan, but as no one breed answers for *all* purposes, it is safe to say that this breed comes nearer to that desideratum than any other.

The plumage, carriage, and form is simply magnificent. A black in color, the lustre is heightened by a greenish cast that adds a polish and brilliancy unsurpassed. They are beautiful in every respect, and are as useful as they are pretty. One cannot judge by looking at a young chick, what the adult Langshan is. The grown birds must be seen to be appreciated, for the lustre does not fully appear on them un-

til they are completely endowed with their hackles, saddle feathers and tails. The young chicks are white and black when hatched, but the white gradually disappears, and they grow very fast. It is safe to say that the Langshan chicks can hold their own against any, and are intelligent and gentle.

Crossed on other fowls they impress themselves very strongly and make a good cross with any breed. If crossed with Black Spanish, the cross has the straight comb of both parents, and they are hardier than the Spanish, though the latter has clean legs while those of the Langshan are feathered heavily. We are not afraid to recommend the Langshans to any one, for they are about as good as can be found for nearly all purposes.

Artificial poultry keeping is as certain of a successful future as any other skilled industry. It must not be forgotten, however, that it is a skilled industry, and needs an apprenticeship, and a thorough training to conduct it successfully. But practical men and women have taken a hand in the business and they are showing that any one who will give it care and attention will succeed.

Do not use nest eggs—but if you must, have them, let them be glass or some other substitute. Leaving old eggs in the nest is unsafe, for they may be mistaken for fresh ones.

The old make of chicken coops of A shape, slats nailed on the back and front, thus making an arch for the wind to howl through and thoroughly drench and chill the chicks is still seen, a relic of past years, which should be abandoned—make the sides 15 inches by 30 x 30, double roof, sides and back boarded up, slats nailed in front 3 inches apart. Such a one will house the

brood until it is necessary to remove it to the winter quarters, whitewash the coops several times every season and put new earth in them often. Move them the width of the coop every couple of days.

To prevent cholera among poultry, let a supply of good clean sand and gravel always be accessible to them. The water they drink should be in an iron vessel or a quantity of rusty nails should be kept in it, of course the water should be pure and renewed every day.

The free being who abandons the conduct of himself yields to Satan. In the moral world there is no ground without a master, and the waste lands belong to the Evil one.

RANDOM NOTES.

BY F. M. C.

OF all the live-stock domestic fowls are easiest raised in quantities and the large number raised each year prevents all being sold at fancy prices. Close culling therefore becomes more and more a necessity and is undoubtedly the greatest blessing and the surest guarantee of continued success in modern fancy poultry culture.

Who can predict what will be the excellence of the fowls to be seen in American poultry yards fifty years from now?

The practice long continued of allowing only the fittest to survive, of breeding for grand types in form, size and style as well as the most desired practical traits, will have its sure result in greatly improving and perfecting our already grand breeds of domestic poultry.

The possibilities which entice the ambitious breeder seem almost unlimited. He has the positive guarantee of nature that "like will produce like" and with that sure foundation it is hard to over-estimate the possibilities of the future of standard poultry culture.

It is a common error for a beginner in the poultry business to write a few lines to a number of breeders asking "prices for stock" and then buy off the party making the lowest figures. Nine times in ten it is not the low priced birds that are cheap. The highest priced are often the real bargains and the lowest priced are often next to culls.

In writing to a breeder it is always right to state explicitly what is wanted.

A breeder of any note always has his fowls graded and will describe the different grades and prices according to quality. If you buy the best grade you will "get your money back" in fowls that will please you.

"A thing of beauty is a joy forever."

A NEW VARIETY.

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

THE title of this article will not be startling to the reader, for the great activity of the American breeder in producing new varieties of fowls in the last decade or so, has made the announcement of another addition to the list a familiar and rather-to-be-expected statement. Yet the production of a new variety is always an interesting fact, interesting to the breeders of the other varieties as the appearance of a rival claimant for favor, to the owners of the new as the *debut* of their favorite, and to the public at large as one more attempt at the solution of the

question of how to feed the increasing population of the world. To the student of poultry, especially if he is an advanced student, each new variety adds one more difficulty in the attainment of a complete mastery of his subject. He may be pardoned if he feels like the school boy who was studying the history of the United States and wishing that he had lived a hundred years ago so that he would not have so many Presidents to learn about.

New varieties of fowls are, however, necessary, if an evil which is not admitted—a necessary evil, and not altogether unmixed with good. Mr. Edward Brown, Editor of the *Fanciers' Gazette*, London, England, has so tersely stated the advantages of new varieties, that I am tempted to adopt his language as the expression of my own sentiments, "There can be no question," he says, "that the introduction of new varieties tends to the stimulation of interest in poultry keeping. The development of poultry keeping first took place at the time Cochins were brought over, and if the eras in the progress of this pursuit could be marked, we are sure each would be indicated by the introduction of some new variety. It is customary for older breeders to sneer at new varieties; and when this sneering has the effect of stimulating the notaries of the latter, we do not object to the result, though we do not approve of its cause. With this sneering we have no sympathy whatever, and we welcome new breeds as indicating new life and spirit in the pursuit. The older breeds in some cases get worn out; they do not meet the new conditions; but we are as ardent in the maintainance of the older varieties as in the support of the new ones. There is, in fact room for all. Of course there must be some check upon new breeds—that is, they must prove their right to exist and be worthy of recognition."



BLACK MINORCA COCKEREL.

This is so admirably expressed and so absolutely true that it needs no argument. If I needed any apology for describing the pea-comb white Plymouth Rock, Mr. Brown has supplied it. But I do not deem an apology is needed, for the variety will be brought to the test and will have to prove its right to exist and its worthiness of recognition. Before this public testing can be made, it will be necessary to show some reasons for supposing that it will successfully endure the trial, and these reasons will not be difficult to find. It is a *Plymouth*

Rock. In its veins flows only Plymouth Rock blood. A pea-combed cockerel hatched from the eggs of single combed Plymouth Rock fowls bred by a well-known Pennsylvania breeder, appeared in the yards of a neighbor of mine and was by him presented to me. This bird was mated to some of my pea-comb barred Plymouth Rock hens in order to lighten up their plumage, and barred chickens only were produced that season, the pullets of which mating were reserved for another season's breeding. The next season these pullets were mated

to a pea-comb barred Plymouth Rock cock and the white cock was mated to some white Plymouth Rock hens bought by me from Frost strains. From both of these matings came pea-combed white Plymouth Rock chicks, the foundation of my present strain of this new variety. This brief account of the origin shows what the variety is in blood.

It is a *white* Plymouth Rock. The white Plymouth Rock has proven very popular, not alone on account of its attractive appearance and the fact that it possessed the egg and meat qualities of the barred variety, but because the feathers are of more value to sell and the pin-feathers are less obtrusive upon the fowls prepared for market.

And finally it is a *pea-comb* white Plymouth Rock. The change from a single to a pea-comb is perhaps a comparatively small change but it effects a considerable difference in the appearance of the fowl and a still greater difference in the practical qualities. Concerning the difference in appearance it becomes one to speak with modesty. I think a pea-combed bird is handsomer than one with a single comb. The head looks clean and neat, the wattles being reduced in size proportionately with the comb. Others might think differently, for to them nothing perhaps is handsomer than a high single comb, even if one has to be as tender with it to keep it from becoming frozen as a mother is of her first infant. Concerning tails there is no common ground for disputation, no exact correct Standard, to which all such questions can be referred. But the practical advantages which spring from a pea-comb are capable of demonstration. A pea-comb is small; the wattles which accompany it are reduced in size; on the female the comb is almost invisible; such a comb cannot be frosted, a bird with such a comb is always

in condition—so far as comb is concerned—for laying; the suffering that arises from frozen combs is avoided; pea-combed birds are generally excellent winter layers; mine have improved admirably in this respect. These advantages are direct and positive. For a cold climate where winter delights to encroach on the reign of autumn and lingers long in the lap of spring, a pea-combed fowl is demanded, and for those who live in such a climate, who wish a general purpose fowl like the Plymouth Rock, with a white plumage, a fowl which lays colored eggs generously, and furnishes excellent food when boiled, fried or baked, will find in the pea-comb white Plymouth Rock one which promises to answer their expectations and meet their requirements.

THE SETTING HEN.

A Paper read by Mr. H. E. Donovan before the Toronto Association:

MR. PRESIDENT AND GENTLEMEN:—

HAVING assigned the above subject to me I shall endeavor to give you a few thoughts, which, although the matter is one that has received much attention I have not yet seen in print.

Without any long preamble I shall ask you to note two most important points, namely,

LOCATION AND SEASON,

or, to be more definite, location of the nest and season of the year, and these two points cannot be considered alone, each is dependent on the other. In the early part of the year, in fact up to the first of May, I prefer to have the nest box under cover of a shed or house and raised off the ground. My mode of operation at this season has been as follows:—Make the nest box suitable

to the size of the hen you intend to set, don't set a Bantam in a box two feet square, nor a Plymouth Rock or other large breed in a box in which the occupant has barely room to crouch down. Put in a foundation two inches deep of sawdust or oat hulls, (we have used both with good results) on which sprinkle a little Persian Insect Powder, hollow this out to the proper shape, and on it lay a handful of tobacco stalks, then lay on a final covering of soft hay. Hay at this season of the year is warmer than straw, it lies more closely and does not permit of cold air draughts percolating under and around the eggs when the hen is off to feed. Over all finally sprinkle some more insect powder, "no room" for vermin then. Place two or three dummy eggs in the nest and at night put the hen thereon. I say *at night* because at this time she will be more likely to settle down to business. If it is seen that she sticks closely to her work the eggs may be placed under her on the second night she is on the nest. This may sometimes be done sooner, but it is better to be on the safe side.

Later in the season it is advisable to place the nest on the bare ground, hollowing out the earth in the proper form, and laying on it a good thick bedding of well crushed straw, not too long; if too long and stiff it is apt to cause trouble by catching on the hens legs, resulting in displaced and broken eggs. An apple barrel with a hole cut in the side for a door makes a good covering for a nest of this kind, but of course any appropriate protection can be used. Note the following points, it should be (1st) water tight, (2nd) secure from the attacks of vermin, (3rd) have proper ventilation provided near the top. Never allow the hens to get off and on the nest at will, but have a stated time for feeding once a day and feed regularly. The nest should be just the proper shape, neither too convex nor

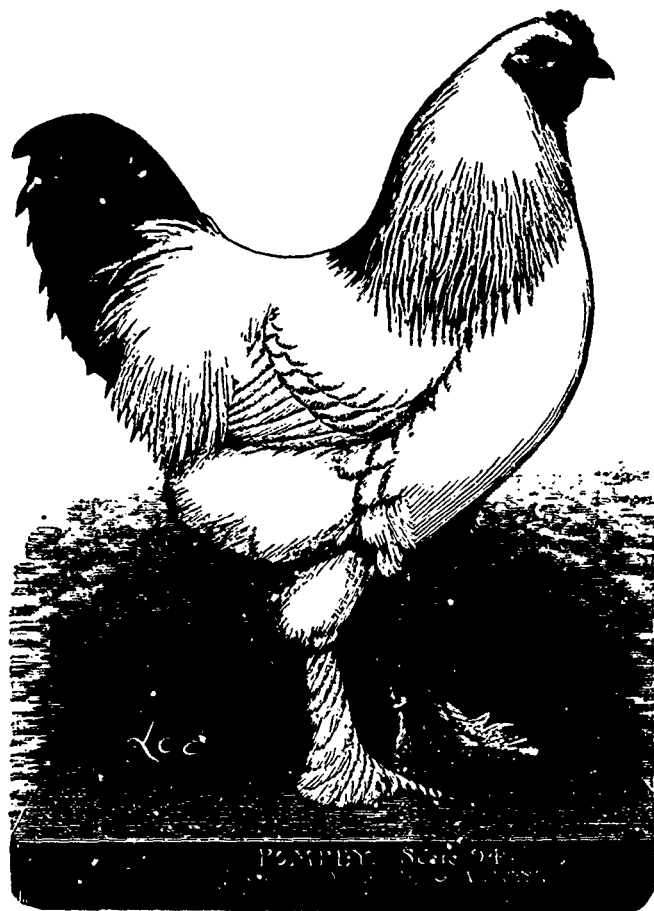
too concave. In the one case the eggs get chilled by rolling away into obscure corners, and in the other they get crushed and broken by the outer ones rolling over on those in the centre, and of course the weight of the hen will, in this case, break both upper and lower. A *cracked egg*, if none of the contents have escaped and the inner skin is not broken, will hatch if a piece of gum paper (the selvage of postage stamps answers well) be placed on the fracture. A good deal has been said as to sprinkling the eggs, and no doubt this is quite necessary in a dry season, or when the nest is placed in a dry location. We have adopted a plan of moistening the eggs which has proved admirable. Instead of sprinkling the eggs, we procure a basin of tepid water and a sponge and gently moisten (not wet) the breast of the hen, the eggs in this manner receive the necessary moisture at the proper temperature (*almost* that of the hens body) and are not so likely to get chilled as in the old way when the hen is sometimes off the nest for ten or fifteen minutes after the water has come in contact with the eggs.

As this paper has reached rather longer proportions than I anticipated I must reserve a few further remarks on the subject for a future occasion.

KEMPENFELDT POULTRY, PIGEON & PET STOCK ASSOCIATION.

A Meeting of the above Association was held on Wednesday evening March 12th at their rooms Duke of York Orange Hall, Barrie, Ont.

Mr. Peter of Angus, the President, took the chair and called the meeting to order, after which the minutes of the last meeting were read and confirmed. There being no communications or applications for membership, the reports of committees were taken.



LIGHT BRAHMA COCKEREL.

Geo. H. Carley reported that favorable terms could be received from the Orange Lodge in regard to the meeting rooms. There was a discussion on "Feeding Poultry in winter" but no particular method was decided on as the best, each speaker having his own ideas. At this time of the meeting the judging on B. B. R. Game Bants was performed by Mr. Thomas Baines and Geo. H. Carley which resulted as follows: 1st prize was carried off by a pair owned by Mr. H. Barr, and second prize by a pair owned by Mr. Brown.

The judging on Tumbler pigeons resulted in a tie between a good pair of splashed flying birds and a pair of black parlor performers, the former owned

by Mr. H. N. Hughes, and the latter by Geo. H. Carley, and on this account the President kindly gave a special prize. There were two grand pairs of Fans shown by Mr. E. G. Bingham, one pair being white-crested which he lately imported at a good figure. They were perfect beauties and were admired by all. This is without doubt the finest pair of Fans that has been shown in Barrie of late.

There was no competition in the Fan class although this was the second time they were brought up.

The meeting then adjourned till the second week in April.

GEO. H. CARLEY, Sec'y.

Barrie, March 14th 1890.

TORONTO POULTRY, PIGEON AND PET STOCK ASSOCIATION.

USUAL monthly meeting of the above Association was held on the 13th inst. at Richmond Hall. Mr. Barber in the chair. The minutes of the previous meeting were read and confirmed. Two new members were enrolled. The birds for exhibition were dark Brahmas, partridge Cochins and Langshans, and in Pigeons, Jacobins, Fantails and Trumpeters. The prizes were awarded thus: Dark Branmas or partridge Cochins 1st and special for best dark Brahmas, J. Miles; 2nd and special for best partridge Cochins, John Gray; 3rd Bache & Otter. Langshans, 1st William Arthurs. Pigeons, 1st W. Fox, black Jacobins, 2nd E. F. Doty; red Jacobins, 3rd W. Fox, black Fantails. A pair of red Jacobins were disqualified for being plucked at head. Judges for fowls, Messrs. Jos. Dilworth, Jas. Bennett and J. H. Paton, for pigeons, Mr. H. B. Donovan. After some further discussion on different poultry topics the meeting adjourned.

Receipts of the evening, \$17.90.

E. F. Doty.

Sec'y

TORONTO POULTRY, PIGEON AND PET STOCK ASSOCIATION.

ON Thursday the 27th inst., the above Association held an extra meeting at Richmond Hall, the President in the chair. There was a fair attendance of members and several new names were handed in for consideration. The minutes of the previous meeting were adopted as read. The debate was on the different methods of setting hens and some exceedingly interesting conversation took place, no

vote was taken. There was on exhibition, Plymouth Rocks and Wyandottes, and the prizes were awarded thus: P. Rocks, 1st R. Downs 91½ and 90½; 2nd J. E. Bennett 89½ and 89½. Wyandottes, 2nd J. A. Thurston 85 and 89. Judges were Messrs. Miles, Paton and Otter. After some further discussion on different topics the meeting adjourned.

E. F. Doty, Secretary.

LONDON POULTRY AND PET STOCK ASSOCIATION.

REGULAR monthly meeting of the London Poultry and Pet Stock Association was held in their room, Albion Block, on the evening of the 18th inst. President McNeil in the chair, with a good attendance of members. After the minutes of the previous meeting had been read and confirmed Mr. Allan Bogue was elected to score the birds brought up for competition. Mr. McCormick brought up one of his recently imported buff Cochin hens for inspection which was really grand in every respect, being the ideal Cochin shape and as even in color as a pullet, Mr. Bogue scored her at 96. Houdans were the variety chosen for competition, Mr. Stockwell was awarded first prize on a very nice hen, cut hard for lightness of color, score 92½, the second prize was withheld. The members reported their stock all in very good condition and shelling out well, the general opinion expressed on the fertility of the eggs this season seemed to indicate that the small fry will be numerous this spring, some few have chicks hatched out varying from a month old down, with lots under way. Mr. McCormick brought up some immense black Minorca eggs for inspection, weighing from 3¾ to 4½ oz. each.

R. OKE,

March, 20th, 1890.

Sec'y.

CHESTER FANCIER'S CLUB.

REGULAR meeting of the Chester Poultry Fancier's Club was held at the residence of Mr. Bache, Chester, the President, Mr. Otter in the chair, there was a good attendance of members and the prospect of this newly formed club is most encouraging. Mr R. Bloy, applied for membership and was admitted. It was decided to have some breed on exhibition at each monthly meeting, Leghorns were billed for next month with John Gray as judge. Mr. McKinnon kindly offered the use of his house for our next meeting which was accepted. The meeting then adjourned.

JOHN GRAY, Sec'y.

MONTREAL POULTRY, PIGEON AND PET STOCK ASSOCIATION.

THE annual meeting of the above Society was held in the Fraser Institute on Thursday the 13th of March at 8 p.m. G. C. Philpott the President, in the chair. After the minutes of the last meeting had been read the President regretted the lack of attendance at the meetings during the year. Dr. Mills expressed the opinion that members should turn out in larger numbers to the meetings, especially when some have gone to the trouble to prepare valuable papers for their benefit. The Secretary's report was as follows:—

Montreal, March 13th, 1890.

Gentlemen:—

I have much pleasure in presenting the 12th annual report of this Society, ten of which have been written by the present Secretary. When we look back at the number of years this Society has been in existence and the poor attendance we get at our meetings it

would seem that we have not been so successful as our age would demand, but we can take courage from the fact that since our society started hundreds on this continent have come into existence and have passed into oblivion.

That it has done good work no one can deny, those who remember our first exhibition and the quality of the stock exhibited can well congratulate themselves on the marked improvement that has taken place since then. Our late show has been so fully written up in the REVIEW that I need not say anything about it here.

Our monthly meetings, which ought to be the means of much good, are not doing the work they should do and it is desirable that the new Committee will take hold of these meetings and arrange for a series of practical talks during the coming year.

The whole respectfully submitted.

JAS. H. CAYFORD,
Secretary.

The Treasurer's report showed that there was a balance on hand after all the debts had been paid.

The following scrutineers were appointed, viz. Messrs. Foster and Eddy. G. C. Philpott was re-elected President unanimously. The result of the ballot for Vice-Presidents was as follows: 1st Vice-President, W. H. Ulley; 2nd Vice-President, A. F. Dawes; 3rd Vice-President, J. Eddy. Messrs. Cayford and Foster were elected Secretaries and Mr. H. Beckham Treasurer, all unanimously.

The following were elected to the Executive Committee for the ensuing year.

C. H. Currier, T. Hall, A. Joyce, A. Lindsay, J. R. Lowden, Dr. T. W. Mills, Dr. C. McEachean, H. C. Price, A. Roddick, D. Sharpe.

Moved by Dr. Mills, seconded by J. Ainslie that Dr. Mills, W. H. Ulley,

A. Joyce and the present Secretary be the Committee on by-laws.

The President appointed Messrs. Lowden and Foster Auditors.

It was decided that at the next monthly meeting the subject of discussion should be "The mating of thoroughbred fowls." A question-box is to be used at the next meeting.

J. H. CAYFORD,
Secretary.

E. O. P. & P. S. A.

OTTAWA.

A Regular monthly meeting of the Eastern Ontario Poultry and Pet Stock Association was held in their room, 39 Queen Street, on Monday evening 10th inst, a large number of members being present.

After the minutes of the previous meeting were read and approved, the President read a letter from Mr. Dilworth of Toronto, re-amalgamation with the Ontario Poultry Association. After a lengthy discussion the President was requested to write Mr. Dilworth to the effect that such an amalgamation would not be a benefit to the association.

Messrs. O. A. Rocque and Alfred Geddes were appointed delegates to the Industrial Exhibition and also to the Central Canada Exhibition Association.

Messrs. E. H. Benjamin and W. S. Odell were appointed Auditors for the ensuing year.

It was the general impression of the meeting that the Industrial should not extend the time of the poultry exhibit at their exhibition and the delegates were instructed to oppose any move in that direction.

The meeting then adjourned.
ALFRED GEDDES,
Secretary.

AMERICAN LANGSHAN CLUB.

THE Fourth Annual Meeting of the American Langshan Club was held in the American Institute Building, New York City, Feb. 24th 1890 with President P. H. Jacobs, presiding. Secretary A. A. Halladay being absent, W. H. Hamilton was appointed to fill his place.

It was one of the most enthusiastic and largest meetings ever held. The election of officers for the ensuing year resulted in the following:—

President, Francis T. Underhill, Oyster Bay, N. Y.; Vice-presidents A. A. Halladay, Bellows Falls, Vt.; F. L. Sewell, Evanston, Ill.; H. G. Keesling, San Jose, Cal.; A. E. Sharp, New Orleans, La.; E. P. Kirby, East Chatham, N. Y. Secretary and Treasurer, Robert Seaman, Jericho, L. I. N. Y. Executive committee, F. A. Mortimer, Pottsville Pa., J. F. Knox, Buffalo, N. Y.; W. H. Hamilton, Danielsonville Conn; Mrs. C. M. Kelley, Newark, N. Y.; R. G. Davies, Providence, R. I.; W. L. R. Johnson, Buckley Ill. Committee on complaints Dr. F. M. Robinson, Pawling, N. Y. M. K. Boyer, Hammonton, N. J.; Cap. Chas. M. Griffing, Shelter Island, N. Y., Edward A. Small, Elburn, Ill., Willard P. Smith, Passaic, N. J.

It was voted that the President, Secretary, Mr. Sewell and Mr. Kirby be made a committee relative to a new Standard on Langshans. The club was never in a more prosperous condition than at the present time, ten new members having joined since Jan. 1st, making a membership of seventy-seven members. The Club will issue a handsomely illustrated catalogue, about Sept. 1st which will contain many points of interest to all breeders of Langshans.

ROBERT SEAMAN, Sec'y.
Jericho, L. I., N. Y.

BANTAMS.

JUDGING from the prize-lists of most of our Winter Shows one would think that Bantams were of little importance and that the number of Bantam Breeders were small, but is such the case? I think not, and if you will take a look through the 'ad's' in the REVIEW you will be of the same opinion. What encouragement is it to them or to any person thinking of keeping Bantams to find prizes given for only two or three kinds (other than Game) and who will go to the expense of sending his birds to the Show if there are no prizes for them. Looking at the other side, it would pay the shows to enlarge their prize lists, not only in the larger number of exhibitors but in the amount of money taken in at the door, as a good collection of Bantams is more attractive than double the number of large fowl.

E. B. CALE.

Stratford, Ont.

BROODERS.

JUST now being a very interesting time with all true fanciers, I thought a word about how to manage brooders would not be out of place. I do not know what brooder you are using, as there are many different kinds made which are all very good, and made for the one purpose, viz., to take the place of old "Biddy." The success or failure of raising chickens by this method, lies with the parties running them. There are many little things to be looked after if you wish to be successful. The most important of all is to be able to use *common sense*. The heat of a brooder can be too hot, as well as too cold, what you want is a uniform heat

all over the brooder, at about 80 degrees the first day or so. Some advocate 90 degrees but that is too hot according to my experience, the sudden change of temperature, by coming out of the brooder into their runs, especially this time of the year, will cause most of the diseases pertaining to chick-hood. If you run it about 80 degrees and gradually bring the heat down as the chicks grow older you will have no crowding, no sickness, but strong healthy chicks. If ever your chicks should be inclined to be coated at the vent, which often occurs, especially in some brooders, you can overcome that by placing a pan of water in the chamber that is heated so that it will create a steam and moisten the air. Chicks cannot thrive where the air is dry, any more than we could ourselves. Always keep your brooder floors well covered with fine cut straw or hay. The chicks like to scratch for a living even when only a day old. Keep your brooders clean. Never neglect them as the chicks have no hen to look after their wants, but simply trust to their master or mistress for all of the good things of this life.

E. J. OTTER,

Toronto.

STATEMENT OF RECEIPTS AND DISBURSEMENTS OF THE POULTRY ASSOCIATION OF ONTARIO FOR 1889.

Receipts.

Note discounted in lieu of Government Grant.....	\$ 587 90
Entrance Fees.....	443 03
Membership Fees.....	99 20
Advertisements in Prize List	89 00
Special Cash Prizes.....	50 50
Protest.....	2 00
Commissions.....	50
Sale of Score Cards.....	1 50
Door Receipts.....	40 60
	<hr/>
	\$1314 03

Disbursements.

Premiums.....	\$ 827 05
Judges Fees.....	105 00
Labor Expenses.....	42 85
Advertising.....	16 50
Printing.....	129 69
Feed.....	11 87
Rent of Building.....	45 00
Postage.....	16 92
Stationery.....	3 65
Salaries.....	76 03
Sundry Small Expenses....	12 08
Claims.....	21 65
Cash on Hand.....	5 74
	<hr/>
	\$1314 03

ASSETS AND LIABILITIES OF THE ONTARIO ASSOCIATION FOR 1889.

Assets.

Book Accounts.....	\$ 21 65
Cash on hand.....	5 64
	<hr/>
	\$ 27 39

Liabilities.

Salaries due.....	\$ 20 97
Balance.....	6 42
	<hr/>
	\$ 27 39

We, the undersigned Auditors of the Poultry Association of Ontario for the year 1889, have examined the books and checked the accounts and vouchers of the said Association and find the same correct.

Signed { GEO. G. McCORMICK.
 { J. H. SAUNDERS.

March 10, '90.

OUR ILLUSTRATIONS.

WE present this month numerous illustrations in Lee's latest and best style.

THE FRONTISPIECE

shows a pair of barred Plymouth Rocks owned by D. J. Lambert, Apponug, R. I. Bo Peep 94¼, Boy Blue 94,



PAIR REDCAPS.

winner of two Silver Cups for best bird and best pair barred Plymouth Rocks at Putman, Conn., Jan. 1890.

THE BREEDING PEN OF LIGHT BRAHMAS won 1st prize at the late Indianapolis Show, the scores being cockerel 94, pen 187½. They are owned by Mr. Frank A. Eaton, Bluffton, Ohio.

THE BLACK MINORCA COCKEREL is owned by Mr. E. O. Grosvenor, Munroe, Mich. and the engraving was made from a photo of the bird. He was a winner at Detroit and Chicago.

THE LIGHT BRAHMA COCKEREL is named Pompey, by his owner and breeder, Mr. G. L. Kent, Belcherstown, Mass., and won 1st at Worcester, Mass., scoring 94½. This cut was also made from a photo

of the bird. Mr. Kent breeds light Brahmans exclusively and showed pullets at the same show scoring away up in the nineties.

THE PAIR REDCAPS won the Burpee Cup, but further particulars failed to reach us in time for this issue. The cup is also shown in the engraving.

NOTES.

MESSRS. L. C. GULLIFORD & SON, late of Fairview, Pa., are now residents of Akron, Ohio.

A BIG DUCK EGG.

Wellandport, Ont., March 24, '90.

Dear Sir,—

I send you by this mail a Pekin Duck egg

for your Easter breakfast, it weighs 5½ oz. and measures 7¼ x 8¼ inches, found it in my pen this morning. Can you beat this for an egg?

Yours respectfully,

R. J. GRACEY.

Came duly to hand in good shape. It is a "whopper."

MR. JAS. MAIN,

Boyne, contradicts Mr. H. H. Wallaces assertion that he has won all prizes on Rouen ducks and states that his birds beat Mr. Wallaces at Brampton. It is no doubt an oversight.

REVIEW SERIES IS

crowded out this month together with much other interesting matter.

POULTRY ASSOCIATION OF ONTARIO.

SECRETARIES REPORT TO THE MINISTER
OF AGRICULTURE.

TO HON. CHARLES DRURY, MINISTER OF
AGRICULTURE.

SIR: I beg to submit to you my annual report as Secretary of the Poultry Association of Ontario. The sixteenth annual exhibition was held January 7th to 10th 1890 in the City of St. Catharines occupying the floor of the Empire Mills, being fitted up with five hundred coops of uniform size elevated two feet from the floor, leaving a four foot alleyway between. Being lighted by electricity it gave the public an opportunity of attending night and day, which they were not slow in appreciating as the door receipts exceeded that of our last exhibition.

The exhibits in quantity showed a slight decrease from last year, but in quality surpassed those of all former exhibitions. There were 1068 entries divided into 57 classes representing 73 varieties of Poultry and 27 varieties of Pigeons, including in Poultry, Brahmas, two varieties, Cochins, four varieties, Langshans, Dorkings, three varieties, Plymouth Rocks two varieties, Wyandottes, three varieties, Games, seven varieties, Leghorns four varieties, Minorcas, two varieties, Spanish, Andalusians, Javas, Creve-Coeure, La-Fleche, Polands, six varieties, Hamburgs, five varieties, Game Bantams four varieties, Bantams, other than Game six varieties, Turkeys, three varieties, Geese, three varieties, Ducks, four varieties. Pigeons, fourteen varieties. The prizes were \$2 for first premium, \$1 for second and Highly Commended for third in the Poultry class. In Pigeons, \$1.50 for first and \$1 for second, awarded to single specimens in both classes. The awards were governed by the American

Standard and scored by the following judges: L. G. Jarvis, Port Stanley, Sharp, Butterfield, Windsor, T.H. Smelt Guelph for Poultry and H. Cooper of Hamilton for Pigeons; 100 points constituting a perfect bird. The highest scoring bird on exhibition was 99 points, being a duck owned by Allan Bogue of London. The highest price attained for a single specimen was \$40, a black Minorca cockerel sold by Geo. G. McCormick of London.

The following is a synopsis as to quality and quantity of exhibits:

Light Brahmas, 44 birds, in quality extra, considered by the judge to be the best that he ever judged. There was a slight increase in numbers of this variety over last exhibition. Dark Brahmas not well represented and birds in quality medium, just half the number of last year. Buff Cochins 24 birds quality fair, number larger than last year. Partridge Cochins, 10 birds, quality medium, quantity same as last show. Black Cochins, 11 birds, being a little on the increase from last exhibition, quality, extra. White Cochins, 9 birds about the same quantity last year. Langshans, 13 birds, quality good, falling off in quantity from last year. Silver Grey Dorkings, 12 birds, quantity not so large as last year, quality about the same. Colored Dorkings, 9 birds falling off in numbers, in quality good. White Dorkings, 12 birds, quantity same as last year, quality not so good. Black Red Games, 17 birds, quality better than last, quantity not so large. Brown Red Games, 6 birds, quantity short of last year, there being but one exhibitor, quality medium. Duckwing Game, 4 birds, falling off in numbers from last year, quality better than former exhibitions. Pyle Games, 20 birds quantity in excess of last year, quality in advance. Any other variety Game, 12 birds, quantity the same but quality a little in advance. Malays, 8 birds, quantity and quality about the same as last season.

Plymouth Rocks, 64 birds, quantity in excess of last show, and quality far superior. Wyandottes, 48 birds, quality extra, quantity larger than last exhibition. Javas, 21 birds, quality medium, quantity far in excess of last year. Spanish, 9 birds, quality and quantity same as last year. Minorcas, 29 birds quantity larger and quality better than last year. Leghorns 71 birds, quantity in excess of last year, and improvement in quality. Andalusians, 8 birds, falling off in quantity, quality about the same as last season. Houdans, 11 birds showing a falling off in both quality and number. Creve Coeure, 8 birds quality and quantity the same as on former occasions. Polands, 42 birds, all colours being represented, quality extra, quantity slightly deficient. Hamburgs, 61 birds, all classes being represented showing an improvement in quality, and numbers about the same. Any other Standard variety, 12 birds, falling off in quantity and quality about the same as last year. Game Bantams 49 birds, not very good in quality, quantity in excess of last year. Bants other than Game 56 birds, quantity not so large as last year, but showing an improvement over last season in quality. Turkeys, 8 birds, falling off in quantity and showing improvement over last season in quality. Geese, 8 birds, quality good, quantity not so large as last year. Ducks, 44 birds, quantity larger than last season, quality showing a slight improvement over last season. Pigeons, 144 birds, quality better than last season but quantity not so large. The amount of \$396.32 was received for entry fees, about \$130 for membership fees (exact returns of members tickets sold, not yet received) \$57.30 door receipts, \$48.50 special cash donations. \$370.30 including Merchandise from city merchants, Eggs and Stock from the Poultry fanciers of the United States and Canada also subscriptions to the different Poultry Journals through

the same source. The amount of \$94.50 will be realized for advertisements in our Premium list of which part has been collected. The amount of \$899 was offered by the Association in cash premiums, of that amount including \$48.50 as cash donations from other sources, \$871.90 was won by exhibitors, \$181.50 was paid for advertising and printing, Judges fees and expenses \$96. \$32.18 paid for help, \$100 due for salaries, and other expenses will amount to about \$120 which will leave us, when all accounts have been collected, about square.

Although our Exhibition has been partly a success, in order to make it more so, I might here call your attention to the grant received from Government, it being limited; to meet the demand for advance of our Poultry of Canada, there being repeated requests by the breeders at large to recognize Breeding-pens and include the new varieties that have lately sprung into existence, and I humbly pray that you will try and help us in this respect, as our Poultry Industry is too large in Canada to be slighted in any respect, when the official statistics show that during 1889 Canada exported over fourteen million dozen eggs amounting to \$2,159,510 in value.

R. HAMILL,
Secretary.

[The part of report relating to election of officers &c., has already appeared in our columns, so that it will not be necessary to publish it again—ED.]



NEW YORK SHOW.

HOME from New York show, and while fresh to memory, I will give to your readers a

few of the many important events which come under my notice. I landed the night before judging commenced, and met most of my brother judges at the Secretary's office that night, and we discussed several important matters respecting uniformity of cuts for certain prominent defects in poultry, such as 2 off in Cochins of all kinds, for absence of middle toe feathering, and one off for absence of feathers on middle toe of light and dark Brahmas, and also uniform cuts for pearl eyes ½ point, for non-standard white shaft in hackle or saddle 1 point and in Games with eyes of two colours 1½ points, and during our discussion on various topics it showed the necessity of judges forming themselves into an association, so that at some future time we can have uniform cuts for all positive defects, and by that means we hope to make birds score more consistently. Our Sec'y, Mr. Bridge of Columbus Ohio, will cause to be inserted in your monthly, the minutes of meeting, so that exhibitors will know as well as judges what they must expect from the judges. Well, on Thursday morning at 8 o'clock, judges on deck and scoring commenced. Your humble servant was the first sent out to tackle the 4000 birds and Mr. Rackham the genial Superintendent said "Mr. Butterfield, I have promised that we will have score cards up before 9 o'clock this morning, can we do it?" I said yes, and at 9 o'clock score cards were up for black Spanish, young and old. My next classes were white and black Po'ands, and after that silver and golden, bearded and unbearded, and then Game Bantams and amongst them were some grand imported birds, which I will say no more about, suffice to say that all the most prominent Game Bantam breeders was there in person, excepting Mr. Gill of Pennsylvania who is thinking of retiring from the fancy, which we all cannot help deploring his loss.

There was one thing very novel, and

that was this, the Superintendent would start you out on a class of birds, and in some cases you would have the cocks, and perhaps next you would be on pullets, so none of us knew what we would be judging next. And I am sure it was a feature I much admired, for neither exhibitor or judge knew what or who was going to judge until they saw the judge at work, and then you would not know how many sections that judge was going to judge, everything was done to prevent suspicion of favoritism, and I must say it was a step in the right direction and everything passed off creditably and without much dissatisfaction being shown by any exhibitor.

Well, now we will have a look over the birds in the various classes. Light Brahmas, 13 cocks, 1st prize fell to a very large good bird shown by P. Williams, 2nd to Geo. Purdue of East Orange, and 3rd to P. Williams. Light B. hens, 23, 1st and 3rd to Mr. Mattison of Vermont, 2nd to Geo. Purdue. 38 cockerels, 1st Geo. Purdue, 2nd Mattison 3rd P. Williams. Pullets, 47 1st Geo. Purdue, 2nd Mattison, 3rd Benschoten of New York. Dark Brahma cocks, 5, 1st Newton Adams, 2nd P. Williams, 3rd M.S. Sprout of Penn, some really grand birds. Hens 12, 1st 2nd 3rd and 5th Newton Adams, 4th P. Williams Cockerels, 9, 1st P. Williams, 2nd 3rd and 4th Newton Adams Pullets 11, 1st 2nd 3rd 5th Newton Adams 4th P. Williams, a really grand class of dark Brahmas. Buff Cochins, cocks, 18, all fine birds excepting one cinnamon, amongst the 18 there were two just landed on the second morning of the show from England, shown by Mrs. John Scivern of Bradford, Yorks. And excepting being vulture hocked they were much the most perfect buffs at the great Show, and I may say that everybody seemed to be sorry to see them disqualified for hocks, selling price was \$200 each. 1st John Van Mater, Colts Neck, N. J., 2nd Sandacre

Farm, 3rd Atkinson. Buff hens 25, 1st Geo. Peer, Rochester, N. Y., 2d and 3rd Sandacre Farm, Long Island, N. Y. the finest lot of buff hens I have ever seen and am expecting the best hen in my opinion that lives on this side of the Atlantic will soon be domiciled in Geo. G. McCormick's yards, London. Buff Cochins cockerels 30, 1st fell to C. Crosby, 2nd Geo. Peer, 3rd Geo. Peer, and out of the whole 30 excepting 2 vulture hocked cockerels, there was not a poor bird. Pullets 47, 1st C. Crosby 2nd C. Crosby, 3rd Geo. Peer 4th Sandacre Farm, the pullets were a show of themselves, Partridge cocks, 8, 1st 2nd and 3rd C. Crosby. Hens 13, 1st and 2nd C. Crosby, 3rd P. Williams, a grand lot of penciled beauties. Cockerels, 14, 1st Geo. Mitchell, 2nd P. Williams 3rd Geo. Mitchell, President of the A. P. A. Pullets, 15, 1st 2nd Geo. Mitchell and 3rd also. Black Cochins were not very numerous, but what there were, were grand, first class specimens. White Cochins were very large especially the winners. I noticed particularly 1st prize cock very white in plumage, very large and very near perfection. Langshans 90 in number, and were a grand sight to see and scarcely a poor bird in the 90. Barred Plymouth Rocks, 120 in number and J. H. Thompson Jr. of Pater. son, N. Y. won the \$100 special given by Mr. Vanderbilt for the best 3 females and 1 male. Wyandottes take the lead, 189 birds shown of the various colours, and I saw some of the most perfect specimens that has been my lot to see. Leghorns over 150 and as there is so much sameness those with good heads, not being disqualified for colour, took the prizes. Minorcas about 50, excepting a few disqualified the best headed birds won the prizes. In Games Messrs. Twells and Scotten took about all the prizes in black-red and amongst their number, were some exceptionally grand birds. Duckwings seem to be sadly neglected both in Canada and

the States. Pyles not a very strong class. Brown reds a fair good class, Pofands were not so good as we find in Canada. White Dorkings were much larger in hens and pullets than we have, coloured and silver hardly equal us. Sebright Bantams were far behind our best birds. Hamburgs were rather slim, not any golden spangled shown. Houdans quite up to our Canadian exhibitors. Indian Game, very heavy classes. Javas, very good, and fair classes. Geese, Turkeys and Ducks about equal us in quantity but not in quality. Pigeons about the largest show I have ever seen, and by the names I see the most prominent pigeon fanciers in the States were battling there, 6 judges on pigeons and it took about 3 full days to judge them.

Well I cannot close this short note without praising the whole management of the New York show, and our Canadian fanciers would reap a good harvest by showing at their next show, that is if we may judge of the past for the future which I have explicit confidence will be better next year if better can be. Friend Donovan, receipts at the door for admission on Friday were \$1840. How that would swell our Ontario to have one or two days like this.

S. BUTTERFIELD.

Windsor, Ont.

GRIMSBY SHOW.

AS the Grimsby Poultry Association appeared by correspondence in the REVIEW, to be "in the soup," (pardon me for the slang). I thought I would attend this year and help them with a few entries. It was my first showing at Grimsby and although limited to only four counties it was a good show, every variety being fairly represented. It was

held in the usual place, the Roller Skating Rink, and I can only say it is the best place I ever yet saw for the purpose, roomy and splendidly lit. There were, all told, 296 birds, light Brahmans as usual being the strongest competition, 29 birds. It was a very pleasant meeting as the officers were very obliging and took great pains to make the show a success which they accomplished. The Secretary, Mr. Alford was the right man in the right place, he had the score and prize cards on the coops in half an hour after the judge got through each variety, everyone appeared to be satisfied, the awards were rightly placed. Mr. L. G. Jarvis, of Port Stanley did the honors, and I never saw people better satisfied. The prize money was paid in full before the close of the show, in fact the Treasurer, Mr. Livingstone paid all expenses, even rent of room, so that I think Grimsby has entirely redeemed itself from its little short-comings last year, and if they have a show another year I have no doubt but that they will be well supported and that it will exceed any previous show they ever had.

JNO. COLE,
Hamilton.

EXHIBITORS.

Jno. Cole, A. G. H. Luxton, Hamilton; J. C. Marlatt, Almer Couse, Beamsfield; H. N. Ness, Smithville; W. H. Grant, H. E. Russ, A. R. Shepherd, W. Gibson, C. R. Reid, D. Durham, J. A. Livingstone, J. H. Hazelwood, W. Zimmerman, A. Burland, W. Barnes, J. Gilmore, R. Kemp, W. H. Alford, J. Chambers, R. Phipps, H. Griffith. J. A. Pettit, Grimsby. (No scores have been supplied us.—ED).

PRIZE LIST.

Light Brahmans, cock, Cole, Luxton, hen, Cole, 1 & 2, cockerel, Luxton, Cole, pullet, 1 and 2 Cole; Dark Brahmans, cock, Luxton, 1 and 2, hen, Luxton, 1 and 2, cockerel, Cole, Luxton, pullet, Luxton, Cole; Black Javas, cock, Luxton, 1 and 2, hen, Luxton, 1 and 2, cockerel, Luxton, 1 and 2, pullet, Luxton, 1 and 2; Partridge Cochins, cock, Luxton, 1 and 2, hen, Luxton, 1 and 2, cockerel, Barnes,

Hazelwood, pullet, Luxton, 1 and 2; Buff Cochins, cock, Luxton, hen Luxton, cockerel, Luxton, 2, pullet, Luxton, 2; Cochins any other kind, hen, Gibson; Langshans, cock, Luxton, Gibson, hen Luxton, 1 and 2 cockerel, Luxton, Durham, pullet, Luxton, 1 and 2; Silver Grey Dorkings cock, Alford, hen, Alford, 1 and 2, pullet. Alford, 1 and 2; Dorkings any other kind, cock, Cole, hen, Cole, pullet, Cole, 1 and 2; Plymouth Rocks, white cock, Marlatt, 2, hen, Marlatt, 1 and 2, cockerel, Marlatt, Zimmerman, pullet, Marlatt, 1 and 2; Plymouth Rocks any other kind, cock, Luxton, cockerel, Couse, Luxton, pullet, Luxton, Anderson; Wyandottes, hen, Luxton, 1 and 2, cockerel, Luxton, Grout, pullet, Grout, Luxton; Wyandottes white, cockerel, Couse, Marlatt, pullet, Marlatt, 1 and 2; Black Spanish, cock, Russ, hen, Russ, 1 and 2, cockerel, Russ, 1 and 2, pullet, Russ, 1 and 2; White Leghorns, hen, Cole, 1 and 2, cockerel, Cole, 1 and 2, pullet, Cole, 1 and 2; Brown Leghorns, hen, Luxton, Shepperd, cockerel, Couse, 1 and 2, pullet, Couse, 1 and 2; Leghorns any other kind, cock, Luxton, hen Luxton; Black Minorcas, cockerel, Gilmore, pullet, Gilmore, 1 and 2; Black Red Game, cock, Luxton, hen, Luxton, 1 and 2, pullet, Luxton; Pile Game, pullet, Luxton; Pit Game, cock, Reid, Luxton, cockerel, Reid, Luxton, pullet, Reid; Silver S. Hamburgs cock, Ness, hen, Ness 1 and 2, cockerel, Ness, pullet, Ness; Black Hamburgs, cock, Shepperd, Luxton, hen, Luxton 1 and 2, cockerel, Luxton, pullet, Shepperd, Luxton; Houdans, cock, Griffith, Luxton, hen, Luxton, Griffith, cockerel, Griffith, Luxton, pullet, Griffith, Luxton; Golden Polands, cock, Luxton, hen, Luxton 1 and 2, cockerel, Luxton, pullet, Luxton, 1 and 2; White Polands, cock, Luxton, hen, Luxton, 1 and 2, pullet, Luxton, 1 and 2; Red Caps, cock, Durham, hen, Durham, cockerel, Durham, pullet, Durham; Black Red Game Bantams, cock, Phipps, Gibson, hen, Luxton, Gibson, cockerel, Luxton, 1 and 2 pullet, Luxton, 1 and 2; Brown Red Game Bantams, pullet, Luxton; Pile Game Bantams, cock, Gibson, hen, Reid, Gibson, cockerel, Reid, pullet, Luxton, Reid; Bantams any other kind, cock, Luxton, 1 and 2, hen, Luxton, 1 and 2, pullet, Luxton 2, Bronze Turkeys, cock, Griffith, hen, Griffith, Russ; Turkeys any other kind, cock, Ness; Peacock, Burland, hen, Burland; Pekin, drake, Durham, Ness, duck, Burland, Ness; Cayuga Drake, Luxton, 1 and 2, duck, Luxton, 1 and 2.

PUBLISHERS' NOTES

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

U. S. OFFICE.

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

AN EASY WAY TO GET FELCH'S GREAT BOOK.

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

Permit me to congratulate you on the success of the REVIEW, its neat and attractive appearance, and the valuable information every number contains. Its coming is anxiously looked for every month and I prize it more than any other Journal of the kind I take, wishing you all prosperity.

A. G. BROWN,

Watford, Ont.

In J. D. Robertson's ad last month, read for 9 birds 6 birds and for 2 seconds, 3 seconds.

I am pleased to see that the REVIEW is making such wonderful improvements. This is the third year that I am a subscriber, and think I get about double the amount of information now than at first hoping it will continue to improve.

JACOB SCHLICHTER,

Washington, Ont.

At Bowmanville show we won 1st on Breeding Pen of Leghorns, T. Rice 2nd not as published in prize list.

ALLIN BROS.,

Newcastle. Ont.

In Owen Sound list last month the second pen Langshans (Arthurs) should read 188 5-6 not 180 5-6.

BREEDERS' ADDRESS CARDS.

WM. B. SCOTT, MILFORD, ONT.

Breeder of pure Plymouth Rocks and large Pekin Ducks. Eggs \$2 per 13 or \$4 per 26.

W. M. SMITH, FAIRFIELD PLAINS, ONT.

Breeder of all varieties of Land and Water Fowls.

J. H. RICHARDS, GODERICH, ONT.

Breeder of Americas Choicest Houdans, Red Caps and Langshans. Don't Exhibit.

JOHN HORD, PARKHILL, ONT.

Breeder of 15 different varieties of Land and Water Fowls. Toulouse Geese a speciality.

H. GODDARD, LISTOWEL, ONT.

Breeder of W. & B. Leghorns, B Javas and S. S. Bants. Eggs \$2.00 per sitting or \$3.00 for 26.

R. E. BINGHAM, STAYNER, ONT.

Breeder of Plymouth Rocks, Light Brahmas, and Houdans. Eggs, \$3.00 per 13.

W. S. ODELL, OTTAWA, ONT.

S. S. Hamburgs and Pekin Ducks.

FOR SALE OR EXCHANGE.

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.

I have bred—my Giant Light Brahmas from cocks weighing 15 to 17 lbs; also Silver Wyandottes, Hawkins strain. Eggs \$3 per 13. Rev. Wm. J. Bailey, Au Gres, Arenac, Co., Mich.

My S. S. Hamburgs—have taken prizes where ever shown. I can supply eggs for hatching from first-class birds and also Pekin Ducks. Write for terms to W. S. Odell, 64 Stater St. Ottawa, Ont.

Eggs for Sale.—Black Leghorns. Stock A No 1. Orders booked for eggs, \$2 per 13. H. Black, St. Thomas Ont.

Egg for hatching—from high scoring White Plymouth Rocks. Pullets winning 1st and 2nd at Grimby show and scoring 96 and 97, hens 1st and 2nd scoring 94 and 94½, cockerel 1st scoring 94. Eggs \$2 per 13. J. C. Marlatt, Beamsville, Ont. 4-5.

For Sale—Buff Cochins, cockerels and pullets, Black Minorca cockerels and pullets, White Wyandotte cockerel, pullets and hens. Purchasers may return if not satisfactory. Geo. G. McCormick, London Ont.

Pure bred Plymouth Rocks.—Stock all imported last year. Felch strain. Two fine yards. Eggs \$2 per 13 or \$3 per 26. Will spare a few settings from my large Pekin Ducks. Wm. B. Scott, Milton, Ont.

Wanted.—Two or three Black Cochins Bantam hens or pullets H. B. Donovan, Toronto, Ont.

B B Red Game and Red Pile Game Bantam Eggs for sale from stock that wins every time. \$3 per 13 securely packed in baskets. U. Bonneville, Danville, Que.

Bronze Turkey Eggs for sale—46 lbs. gobler! hens up to 25 lbs. Best stock in Dominion. \$5 per 11, securely packed in baskets. U. Bonneville, Danville, Que.

For Sale Cheap—Balance of stock of the late J. G. Jones, Black-red Games, Pyles and Duckwings. Single and Pea combed Bantams, Bantams and Red Caps. Some fine Red Cap cockerels at \$1.50 each. Mrs. J. G. Jones, Niagara Falls, South, Ont.

White Minorcas—Finest in Canada, cock winner of first at Frederic Md., second at St. Catharines, 1889 a grand bird mated to hens imported direct from the celebrated stock of C. A. Sharp & Co., eggs \$2 per setting. Will exchange eggs for good Black Minorca fowls or eggs. John Gray, Todmorden, Ont.

For Sale—Black Cocker puppies by Bob Obo, winner of five firsts; for pedigres &c. apply. Corktown Cocker Kennels, 8 Peter St., Ottawa.

Eggs \$1.50 per 13—From a grand pen of Black Langhans, all A1 birds. E. W. Lamprey, Box 71 Guelph, Ont.

Eggs For Sale—From the following first prize breeding pens, Golden S. Hamburgs, Golden and Silver Pencilled Hamburgs, Golden B. Polish, Partridge Cochins and Houdans. Summerhill Poultry yards, P. O. Box 53 Cote St. Paul, Montreal. 4-5.

Eggs for hatching—From well bred Games, B. B. Reds, Red Piles and Duckwings, \$3 per 13, \$5 per 26 and \$7 per 39. W. W. McEacham, St. Thomas, Ont.

Eggs from Prize fowls, Langshans, Spanish, and Silver laced Wyandottes \$2 per setting. Wm. Boug, 19 Blackfriars St. London West, Ont.

For Sale—Pair Houdans, first prize cockerel and hen at Montreal show. Price \$5. Summerhill Poultry Yards, P.O. Box 53, Cote St. Paul, Montreal, A. Roddick, Manager.

White Hamburgs,—having imported a fine pen of this rare and beautiful variety will sell eggs at \$2 per setting. John Gray, Todmorden, Ont.

Messrs. Boddy & Kirkpatrick,—21 Winchester street Toronto, having purchased Mr. Alex. Delaporte's entire stock of Black Breasted Red Games and Houdans are prepared to sell eggs at \$2 per 12.

For Sale,—one of the finest breeding pens of Brown Red Games in Canada, one cockerel and three hens. Or will exchange 1 White Wyandotte cockerel for White Cochins cock or cockerel. Or one White Cochins hen for white Wyandotte hen or pullet. Address, Thomas Keiley, 156 Oxford street, London, Ont.

For Sale—Pair Golden B. Polish first prize hen and second prize cockerel price \$5. Second prize Silver B. cockerel \$3. First and second prize Golden Pen Hamburg, cockerels \$3 each. First prize pullet \$3, any of the above in exchange for Buff Cochins hens. P.O. Box 53 Cote St. Paul, Montreal.

G. P. Hamburg Eggs—For Sale \$1.50 for 13. Eggs from this Pen last year produced 93 1/2 % number chicks, McNeil strain. A few pairs fowls for sale or exchange for Red Caps. Geo. J. Millar, St. Catharines.

Eggs for Sale—from an excellent pen of Black Javas, \$2 per setting. Birds for sale. J. E. Meyer, Kosuth, Ont.

Mastodon Bronze Turkey Eggs—from strictly first-class imported Kentucky stock for sale at \$4 per 9 or \$5 per 13. Address, Robert W. Cuthbertson, Belhaven, Ont.

For Sale—Eleven B. Leghorns, three hens, seven pullets and one cockerel, all first-class birds, for \$10. Reason for selling, leaving the city. R. B. Cody, 361 Duff Avenue, London, Ont.

Black Hamburgs.—Having purchased the entire stock of Black Hamburgs from Thomas Smelt, A. J. I will sell one cockerel score 93 at late Ontario show, St. Catharines, also one pullet to match, will sell a few settings of eggs from high scoring pen at \$1 per 13, \$5 per 26, Express paid in Ontario. Langshans birds and eggs for sale. C. J. Eisele, Guelph, Ont. 4-5.

Eggs for Hatching—From my prize winning Pekin Bantams, W. R. C. Leghorns and Black Hamburgs, at \$3 per 13. Walter Patterson, Jr., Barrie, Ont.

Black African Bantam prize winners for sale, including cock 1st at Ottawa, 1890. Eggs \$2.50 per 13, E. F. Murphy, 620 Wellington Street, Ottawa, Ont.

For Sale—Black Minorca, White Black and Brown Leghorn eggs at \$2 per setting. One White Leghorn cockerel score 94 1/2, one Black cockerel 93 1/2, one Brown 93. John Fleisch, box 26, Shakespeare, Ont.

For Sale or Exchange—A fine breeding pen of Dark Brahmans, cock, two hens and two pullets. Want Black Minorcas or Wyandottes, or offers. John Gray, Todmorden, Ont.

For Sale Cheap—A grand trio of Golden Seabright Bants. Prize birds. For full particulars apply to Geo. W. Hay, 40 Pellissier Street, Windsor, Ont.

For Sale.—Eggs from choice B. Minorcas, W. C. B. Polish, Plymouth Rocks and S. S. Hamburgs at \$1 per 13, fair hatch guaranteed. C. S. Holmes, Wellandport, Ont. 4-5-6.

Eggs—From prize-winning White Bearded Poland \$3 per setting. White Cochins \$2 per 13. Black African Bants \$2. W. T. Hodgson, 860 Waterloo Street, London, Ont.

Two Good Light Brahma cocks for sale, both grand breeders, and score over ninety. Also three fine young Pekin Drakes. T. Cockburn, Jr., 64 Canada Street, Hamilton, Ont.

White Plymouth Rock Cockerel and four Pullets for sale. Cockerel not related to the Pullets. Will be sold reasonable. T. Cockburn, Jr., 64 Canada Street, Hamilton, Ont.

Black Minorca Eggs for Hatching. Six Pullets at \$2 each for sale. Eggs \$3 per 13 or \$5 per 26, from carefully selected pens, no better stock in America. C. J. Ashton, London, Ont. 4-5-6-7.

Pekin Bantams—First prize pair at Milton P. and P. S. Ass'n Show for sale. price \$3. H. Freeman, Milton, Ont.

Eggs for hatching.—White and Brown Leg horns, White Minorca, Light Brahmans, White Plymouth Rocks. Leghorns \$1.50 per 13, \$2.50 per 26, others \$2 per 13, \$3.50 per 26. Stock A. 1. Correspondence solicited. Jacob Schlichter, Washington, Ont. 4-5.

For Sale.—Two pair of W. Wyandottes, 89 hatch mated, not close related, from Hawkins and McCormicks stock, \$4 per pair. Jos. Hawley, Mull, Ont.

For Sale.—pair Plymouth Rocks, '89 hatch, mated, from eggs from Jas. E. White. cockerel score 91 1/2. Pullets score 91 (cut 30n weight), \$5.00. Jos. Hawley, Mull, Ont.

Eggs—from select Silver Wyandottes. My Silvers at Cutham scored from 92 to 93 1/2 points. Stock from Preston, Hawkins and White. Two pens, eggs from both or either, \$2 per 13; \$3 per 22. Jos. Hawley, Mull, Ont.

S. L. Wyandottes.—3 splendid cockerels for sale cheap. Eggs for hatching, \$2 per 13, \$3 per 26. Correspondence invited. H. Goode, Shanty Bay, Ont.

L. C. Gulliford & Son.—Akron, Ohio, U.S.A., breeders of Buff Laced Poland fowls and Cayuga ducks. Buffs 1st at Ravenna, Rochester, Buffalo, &c. Ducks beat 50 called champions at Buffalo, '88. Eggs \$3 per doz. 4-5-6-7.

Eggs, Golden, Silver, and White Wyandottes, L. Brahmans and Brown Leghorns, price \$1 to \$3 per setting. Write for description of breeding stock to Claude E. Baldwin, Barnston, Que. 2-4.

I Challenge the World.—The highest scoring pen of Langshans in America, cock 95, hens and pullets 95 and 96 1/2, breeding pen score 191 1/2. Bicknell judge. See March REVIEW. Eggs for sale. H. Wright, Owen Sound.

Geo. H. Hansler,—Tilsonburg, Ont., breeder of Buff, black, white and Partridge Cochins, Light and Dark Brahmans, eggs \$2 per 13. My breeding stock is second to none.

\$1 per 13.—Eggs from Black Leghorns, Black Langshans and Light Brahmans, all prize winners and high scores. A. G. Brown, Watford, Ont.

Young Mammoth Bronze Turkeys for sale very cheap, from my 45 lb. Tom and 25 lb. hen, imported direct from one of the leading Turkey Breeders in Kentucky; also two first-class yearling gobblers for sale. R. W. Cuthbertson, Belhaven, Ont. 3-4.

Highest Scoring Langshan Breeding Pen in America, male 94, eight females 92 1/2, 95 1/2, scored by Felch, Bicknell, Smelt, Butterfield. Eggs, \$3.00 per 13, \$5.00 per 26, express paid. Toronto Diploma and 3rd Guelph, two double. 1sts and three 2nds, Dunville, two double 2nds, score 185 and 187, Milton five 1sts and Diploma, four 2nds, 1 3rd, with eleven entries, only places shown, compare scores, same judges as at St. Catharines. Langshans, G. Polands, for sale, score cards. C. J. EISELE, Guelph, Ont. 2 3 4 5

For Sale—Golden and black Wyandotte eggs from my prize winners at Detroit, average score Golden pen 94 1/2, blacks not scored. Beat this who can. I. H. Scott, St. Thomas, Ont. 3 4

Eggs for Hatching—From high-bred stock: Golden and White Wyandottes, Black Minorcas and Barred Plymouth Rocks, Silver Grey Dorkings, Black Hamburgs and Rose Comb Brown Leghorns. All kinds \$1.50 per 13. H. W. Renwick, Rose Bank Farm, Orono, Ont. 2 3 4

Eggs \$2.00 for 13—From high scoring pen of Royal Black Javas, headed by Rob Roy, 96 1/2, hens 95, 95 1/2, 96 1/2. pullets 94 1/2, 95, 95 1-2. St. Catharines with 6 birds, 3 1sts, 3 2nds and 3 specials. J. D. Robertson, Box 164, Guelph, Ont. 3-4-5.

Eggs for Hatching—From my prize winning S. C. white Leghorns \$2.50 for 13, \$4.00 for 26. Golden Wyandottes (McKeens strain). Eggs \$3.00 per 13, \$5.00 for 26. A. W. Graham, St. Thomas, Ont. 3 4

Eggs—P. Rock, S. S. Hamburg, W. C. B. Polish White Leghorns at \$1.00 per 13 A1 stock. Jos. Cairns, Camlachie, P. O., Ont. 3 4

S. H. Beardsley, Zanesville, Ohio breeder white and pea comb Barred Plymouth Rocks and Pit Games that will stay, Ferrets, Carriers, Tumblers and Homing Pigeons. 15 years experience. Send for Circular. 3 4 5 6

Duckwings—The 1st prize cockerel at Ottawa for sale cheap, can spare a few hens also. Eggs for hatching from a good pen of Duckwings. Write. E. Edwards, Ottawa, Ont. 3 4

Light Brahma—Buff and Partridge Cochins Eggs from good stock, \$1.50 per setting, \$2.50 per two settings. Pekin Duck eggs, \$1.50 per 11. T. Cockburn, Jr., 64 Canada Street, Hamilton, Ont. 3-4.

Eggs for Hatching—From prize winning white and Silver Laced Wyandottes, black Spanish and white Leghorns Eggs \$3.00 per 13. Correspondence invited. H. R. Moore, 420 Oxford Street, London Ont. 3 4 5

Look—One trio fine G. P. Hamburg chicks, \$5, three pullets, 1 Cockerel S. S. Hamburgs, \$5, one pair Houdan chicks \$3. Geo. H. Hansler, Tilsonburg Ont.

For Sale—13 very fine Buff Cochins Cocks and Cockerels \$3.00 each very heavy feathered on feet and toes, good color, cockerels April hatch. Geo. H. Hansler Tilsonburg.

For Sale—2 hens, 1 pullet Golden Bearded Poland, good birds won several prizes on one hen last fall will sell the lot for \$4. Geo. H. Hansler, Tilsonburg.

Cheap—10 pairs light Brahma chicks At \$3.00; 10 pairs dark Brahma chicks At \$3.00; 5 black Cochins pullets \$2 each, 5 light Brahma pullets \$1.50 each. G. H. Hansler, Tilsonburg, Ont.

For Sale—Twenty light Brahma hens and pullets, cockerels, hens scored 90 and 92 1/2 by Butterfield, will sell in pairs or trios, or single birds \$2 to \$3 each. Geo. H. Hansler, Tilsonburg, Ont.

Buy Now—Black Langshans, 5 pairs, very fine chicks at \$3 to \$5 per pair bred from imported stock. Geo. H. Hansler, Tilsonburg, Ont.