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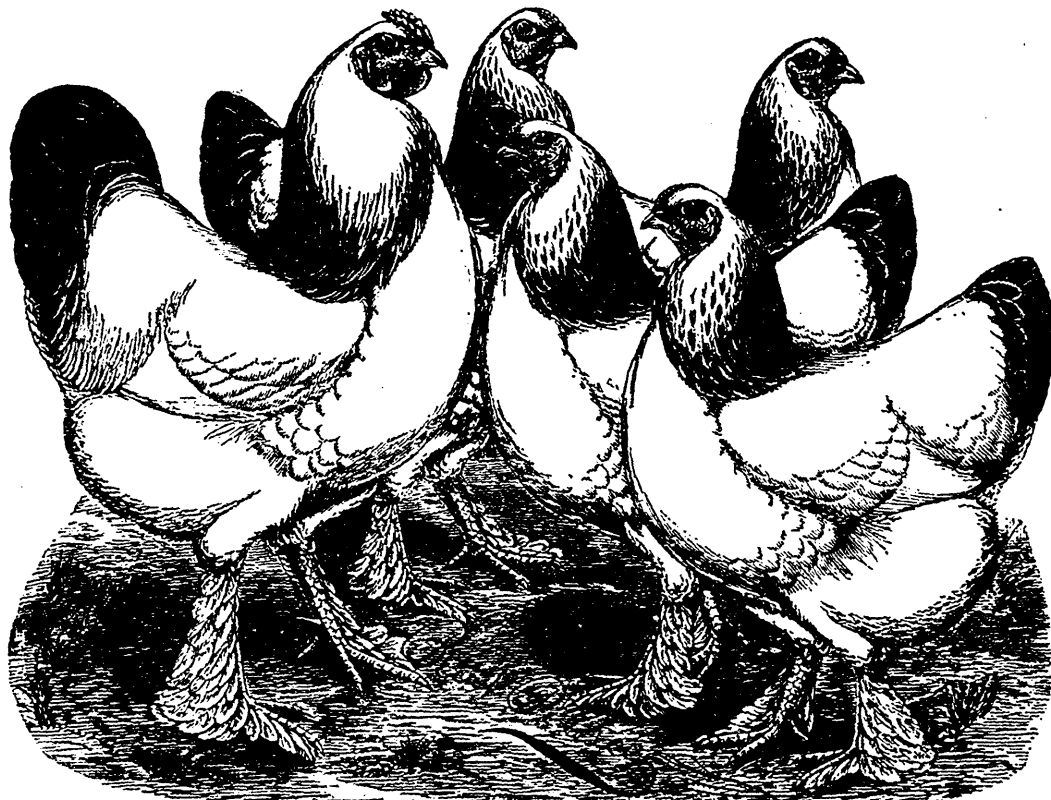
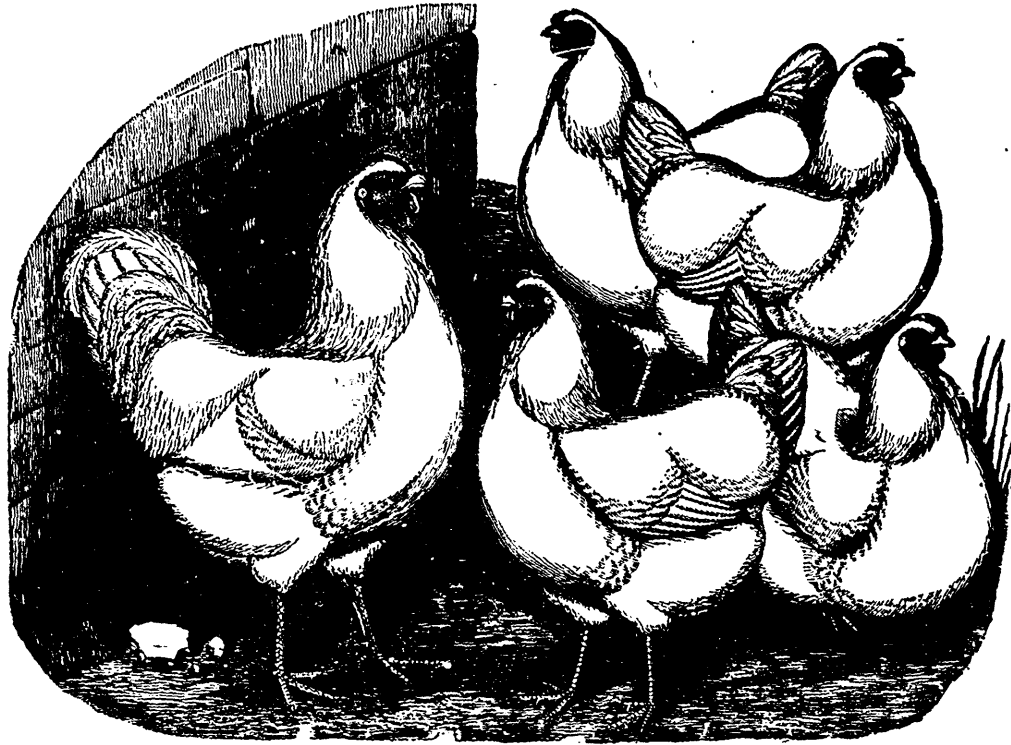
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Pen of White Wyandottes and Pen of Light Brahmas, as Bred by S. C. Nutter, Sherbrooke, Que.

THE CANADIAN POULTRY REVIEW

DEVOTED TO POULTRY, IN ALL ITS BRANCHES



VOL. XII.

TORONTO, ONTARIO, APRIL, 1889.

No. 4

NOTES AND COMMENTS

MR. T. F. MCGREW, JR.

the veteran Cochin breeder has a new book on Cochins in process of publication.

MR. J. W. BARTLETT,

was in Toronto on February 28th on business for the *Farmers Advocate*, London.

SUDDEN DEATH AT HAMILTON.

HAMILTON, March 12.—Jonathan Davis, Secretary of the board of Directors of the Great Central Fair, and license inspector for South Wentworth, died very suddenly this morning at his residence, from heart disease.

\$1.50 NOT \$2.00.

In Mr. Wallace's "ad" last month price of duck eggs should read \$1.50 not \$2.00 per sitting. We regret the mistake occurred.

THE CENTRAL EXHIBITION, Guelph, will be held on two days only this year the 26th and 27th of September. Messrs. Anderson and Spragge are the poultry committee.

IMPORTATION OF MALAYS.

Mr. T. A. Wardell, Dundas, has received from Mr. A. G. Brooke, Astley Vicarage, near Hadnell, England, a two year old Malay cock and two hens, of distinguished pedigree and breeding. The cock took first prize as a cockerel

at the great Birmingham show last year, and the hens have done as well at other shows.

MR. E. A. PEIRCE,

Secretary of the Indiana State Poultry Association writes us: We held one of the largest shows in the country. We had over 2500 specimens in our hall, counting Dogs, Pigeons and Waterfowls together with the poultry. Our show was a great success and came out several hundred dollars ahead.

REV. W. H. BARNES

President of the Kempenfeldt Association is, we are glad to learn, much improved in health and now able to be out.

MR. CHAS. SCOTT,

Mellville Cross was in Toronto one day last month and in conversation with him he made a suggestion we should like to see acted upon. That is when the new Fat Stock building is built, for the Toronto Association to amalgamate (for show purposes only) with the Fat Stock Association in the holding of an annual show. Mr. Scott cited Chicago as an example, where an exceedingly large and successful show is held sometime in December.

NEW SECRETARY.

Mr. John Dickson has been elected sec.-treas. of the South Wentworth Agricultural Society and C. R. Davis secretary of the Central Fair Board, both offices having been made vacant by the death of the late Jonathan Davis.

POULTRY

MORTIMER'S MONTHLY MORSELS.

F. A. MORTIMER, POTTSVILLE, PA.

Let your highest aim be a good name. A good name when deserved gives a strength and mild courage, quiet boldness and modest assurance, which are worth all they cost.

One thing which novices lose sight of that is absolutely essential to success, is that the time and careful attention of the person be devoted to the minute and seemingly trifling details of the business. To breed any kind of stock a person cannot know too much about it, and he who thinks he understands the thing perfectly, is assuredly not the one who will meet with grand success, for, until improvement ceases, there will always be something new to learn.

May is an excellent month for hatching out Leghorn chicks, as they mature early and begin to lay soon. If young pullets are pushed forward rapidly from this time to fall they will lay earlier than would otherwise be the case without the extra attention.

The difficulty of keeping up the constitutional vigor and fertility of the Sebright Bantams can be obviated by frequent changes of blood.

It is well for the breeder who has

bestowed patient labor on his flocks all the year, to take them to the show and get the due award for their excellence.

Corn, whole grains, saturated with kerosene oil is a good preventive and sure cure for cholera. This is the poor man's chicken cholera cure.

Early pullets make early layers in the autumn, and autumn layers are the ones that produce eggs during the cold weather. To get winter layers, therefore, one needs to get early pullets.

Fowls need salt, a little regularly in the soft food.

Some farmers make it a practice to keep their poultry in their orchards from early spring until cold weather sets in, and they find it pays. A picket fence should be built around the orchard, high enough to prevent their flying over, with suitable buildings in one corner to shelter them at night. Thus situated the poultry will thrive and prosper, keeping themselves in good condition, and the increase of eggs will be greatly augmented and their usefulness enhanced, to their owners at least, on account of the myriads of insects and worms they destroy, and which will more than repay the cost and labor of building the fence. By keeping them inclosed in this manner a large number of fowls may be retained in the orchard, and the continual scratching which is done by them proves advantageous both to the soil and the trees themselves.

All meal whether intended for young or old fowls should be mixed firm and "short" so that the whole mass will crumble by handling.

The French have over eighty ways of cooking fowls, and a hundred and fifteen methods of cooking eggs.

Warm houses are not needed. Warm food in the morning promotes winter eggs.

Charcoal in feed will produce a greater amount of flesh and fat in poultry than the same quantity without.

There is such a thing as fatty degeneracy by which all the tissues become impaired, and the animal is weakly and worthless. Fowls can be made so fat that they will not lay well, or if they do lay their eggs will not hatch well.

Many people suppose that land which is too poor to raise anything else is good enough for a poultry farm, but such is not the case. It is poor economy for the market poultry-raiser to try anything that can be more cheaply grown on the farm, therefore the soil of the poultry farm should be such as can be profitably cultivated, soil that is "cold" and wet should not be selected for a poultry farm unless it can be made dry by artificial means.

Infertile eggs are a source of much loss to the poultry men, and the prime cause is known only by few. Eggs from fat hens do not hatch well, and should there be any chicks they will be weak. An over-fed, fat cock is also undesirable; he should have plenty of exercise and he kept in only moderate flesh. Inbreeding is another cause of weak sickly chicks and infertile eggs. Males should be changed every year, and only pure-bred cocks used.

In proportion to cost, even at the low prices of the season, eggs return more profit than anything else sold from the farm.

The duck is peculiarly the poor man's bird, its hardiness renders it so entirely independent of that care which fowls perpetually require; and, indeed,

all those classes of humble life who have sloppy offal of some sort left from their meals and do not keep a pig to consume it, ducks are the best save-waste for them. Even the refuse of potatoes or any other vegetables will, with a little bran or meal, satisfy a duck, which it thankfully accepts, and, with a degree of good nature which it is pleasant to contemplate, swallows whatever is presented to it and very rarely occasions trouble. Though fowls must be provided with a roof and decent habitation, and supplied with corn, which is costly, the cottage garden waste and the snails and slugs which are generated there, with the kitchen scraps and offal, furnish the hardy ducks with the means of subsistence. And at night they require no better lodging than a nook in an open shed. If a habitation be expressly made for them it need not necessarily be made more than a few feet in height nor of better materials than wattles and clay mortar, a door being useless, unless to secure them from thieves.

It is far more promotive of personal cleanliness, good health, and good morals to eschew tobacco than to chew it.—*Dr. J. H. Hannaford.*

SCRAPS.

BY DOMINIQUE.

Mr. F.A. Mortimer in January issue says—"Get your incubator ready for work. If you don't own an Incubator buy one."

I repeat the advice which I know will be received with considerable caution, by some of the readers of the REVIEW, who have already invested, and drawn a blank, and after spoiling hundreds of eggs, having the breeding season slip by without getting any chicks perhaps capping the performance by the lamp exploding, and setting fire to the house; they have ever since been wishing for a private interview with the

inventor of that machine or the wily fiend who wrote that glowing descriptive circular, that induced them to part with that fifty or seventy-five dollars.

I sympathise with these disappointed ones ; but courage boys, don't give up, there are machines built that will hatch more chicks from a given number of eggs than hens will, and I would not think of running the Poultry business without machines both for hatching and rearing.

In buying an incubator don't select any machine that has not positive control of the heat, recollect the temperature of the egg chamber is the most important point ; bear in mind also that no machine is absolutely safe where the heat is regulated by thermostats in the egg chamber, or electrical apparatus. Next to control of heat, in importance, is the application and control of moisture ; ventilation is not such an important point as many suppose, if you can keep the heat and the moisture right, you will have a good hatch if your eggs are fertile, but if your machine fluctuates from 90° to 110° you will save time, and much vexation of spirit by converting it into a refrigerator for your wife, or giving it to the children for a doll's house.

Make sure that your thermometer is correct, not one in fifty is, it makes no difference whether you pay twenty-five cents or a dollar, the cheapest is as likely to be correct as the dearest ; test it by placing the bulb next to the skin of breast of several sitting hens, note the variation, and my word for it, you will find this as reliable as if you had it tested by "Old Probs" himself.

In your selection of a brooder chose one with bottom heat, and if the heat is derived from a hot water tank all the better ; see that it is so built that it can be closed up tight in cold, windy weather, or the heat will blow out of your machine faster than it can generate ;

you can say "good bye" to your chicks if this last's long.

If you have not yet attempted artificial incubation, and run hens, go to work now before your chicks are hatched, and make a sufficient number of good coops to house your chicks comfortably during the term of their infancy, don't wait until Summer comes and then suddenly find yourself with a dozen broods of chicks and only half a dozen coops to accomodate them ; you will then be tempted to invade your wife's sacred domain to capture that nice box that she keeps in the lumber room to store her rag-carpet balls in, or that little packing case, that she so carefully papered with the remnants of last season's wall paper, and placed behind the kitchen stove, for the cat to sleep in ; beware young man if you help yourself to either of these, there will be a row, and don't you forget it, been there? Well I guess I have.

Make your coops with a moveable floor and have a door in the roof, you can of course have another one for the exit and entrance of the chicks, I am not going to advocate stairways or elevators for chicken coops ; you will find the door in the roof a great convenience whenever you want to catch any of the chicks, it is much handier than going down on all fours and grabbing for them in the dark, as you can't see them your arm completely blocking the entrance, on occasion of this sort if your arm was six feet long, it would be short enough, and to fish out the provoking "critters" with the garden hoe or a pair of tongs is inconvenient. About 24x36 inches is a good size, have your ventilators under the caves of the roof, and *nowhere* else.

Steer clear of leaky roofs broken windows and drafts generally, and all other conditions that generate Roup unless you are studying for the Veterinary profession and want lots of practice ;

there is nothing so trying to the nervous system of the average non-professional chicken fancier, as doctoring a sick hen. Immediately after you have taken the trouble to squirt a delightful docation of Coal Oil and Carbolic Acid up her nostrils, she expresses her gratitude in a vigorous manner by uttering a squawk of terror and wildly flopping her wings, generally winding up by upsetting the contents of the bottle over your second best pants, and scraping half the cuticle off the back of your hand with her claws ; after fluttering through the drinking water, she fetches up on a perch opposite, whilst the tears trickling down her face indicate but faintly the rage and pain she is suffering.

FEATHERS *versus* EGGS.

BY STANLEY SPILLET.

Fancy poultry keeping is on the increase in this county, I am persuaded, though not having been able to give any time to it lately, having been very busy building and getting ground into shape for growing shrubs, etc. I still have my old love for a nice bird, and shall, as soon as I can get places of accommodation erected, have a few at least for my own pleasure.

I may say I promise myself the pleasure of experimenting from an economic standpoint exclusively.

I am aware that many of the standard requirements are identical with usefulness, but I am fully persuaded that much that is superficial is secured at the price of egg production. Of course this may be largely imaginary on my part, but as I shall not offer any of the results of my experimenting on this line for sale under false pretences, there can be no harm in my having an idea.

I had at the very beginning of my poultry experience a nice flock of Black Spanish, these birds I afterwards learned would have been simply nowhere in the show pen, white-face or the want of a sufficient extent of it,

would have annihilated them, but in egg production they could hardly have been excelled.

Now I noticed in a pen of five hens, that one was higher stationed than the others, while the others were short legged and compactly shaped. It was also observed that she of long legs, etc., did not lay every day in the spring months, which the others did. I am certain that those four did not fail to shell out the four eggs daily for months.

Now, if cattle breeders place so much weight on the deep milking and butter producing qualities of both dam and sire, why should not the same be true of poultry? It is a well known fact that two Jersey cows fed on the same diet or ration, and kept under the same conditions, will differ materially in amount of butter produced. Again, the progeny of butter makers, especially if dam of male be of a great butter making strain, will be invariably great butter producers. Why then shall not poultry follow the same rule?

It is admitted that the Brahmas, both light and dark, were invariably inveterate sitters not two decades since, while at present some strains are almost non-sitters, and this has been all brought about by selection. It has often occurred to my mind that even short legged compact shaped Brahmas were the best layers, not too heavy and coarse. Another notion, and it may be only a notion, that for layers, birds heavy behind and broad, were preferable to a great breast with narrowness behind. I am aware that a man often explodes his own theories by trying to put them into practice, but after all there is a certain degree of pleasure in even proving that one is wrong, much more than at having some one else do that charitable task for him.

Having to build a-new, I set out to record a few notions of how I intended to proceed to secure a comfortable, cheap hen house, suitable for say two dozen hens, but having wandered off

the track, I shall reserve it for a future letter. In conclusion, allow me to congratulate you, Mr. Editor, but more especially your readers on the improvement of the REVIEW, which is marked and valuable.

THE OYSTER SHELL QUESTION.

BY SCIENCE

The following experiment throws light on the above question.

A hen was confined for ten days, and fed exclusively on oats. During this time she laid 4 eggs, the shells of which weighed about 409 grains of which 276 were carbonate of lime, 17½ phosphate of lime, and 10 grains gluten. As the amount of lime carbonate in oats is small, the larger part must have come from transformations effected within the hen herself.

In other words the hen is a sort of chemical laboratory, and the crude material for the work is her food and the air she breathes.

Does the above experiment show that a hen can get all that is necessary for egg formation from oats? Apparently so, but on closer examination this will be seen not to follow. The hen during these ten days may have been drawing on her own laid up resources (flesh, bones etc.) The experiment must be interpreted in the light of many other facts. Before we conclude that the oats suffice, we must analyse the hen after the experiment, and compare her with one as near like her as possible, of similar weight, age, breed, etc., as analysed *before* the experiment began.

There is no doubt that a hen can live and do well for a little while on oats or any one grain, but *all experience* shows that a mixed diet including grit, ground oyster shells or equivalent, is needed for the best results.

Science believes in experiments but their *interpretation* is of the utmost importance.

A VALUABLE TABLE FOWL.

THE INDIAN GAME.

Some reference has previously been made to the Indian or Cornish Game fowl, which is one of the best birds for table purposes we have leaving out the Dorkings and the very best of the French varieties. It is a handsomer bird than the Malay, which it resembles in some respects, and is not near so quarrelsome while the quality of meat is much finer. At several of the dead poultry shows which have been held in this country, specimens of the Indian Game fowls have taken a leading position. There is both length and breadth of keel, and though the breadth of breast is not equal to what may be found on some breeds, yet this is to be expected from the conformation of the bird. And of course there is a greater weight of bone than with the Dorking or Creve, in proportion to the entire weight of the body; but if it is unable to claim any equality with the breeds named, it is superior to nine-tenths of the other varieties. For crossing, it is invaluable, and where table fowls are the chief object in view, I know of no better variety than the Indian Game and the Dorking. When in Ireland some time ago, I found a breeder who has introduced these two varieties with the greatest success, and those who have adopted the cross find that it is a rapid-growing large fleshed fowl so produced. The Indian Game may, also be crossed with the Langshan, or the Plymouth Rock, and in both cases the progeny is first rate for table purposes. I do not know whether it has been tried with the Wyandotte, but should think it would answer equally well. The following is a short description of the leading points to be sought for in this breed.

General Shape—More after the full-sized Game than Malay, but resembling each.

Head—Bears strong affinity to the Malay, and the expression of the eye denotes cruelty.



“PRINCESS,”—Champion Langshan Hen.

Bred and Owned by A. A. Halladay, Bellows Falls, Vermont.

Neck—Long in both sexes; the color in cock dark reddish, with black streaks or tips; hen velvety black, with greenish shadows.

Body—Varies from light to dark red; breasts black or partridge brown, sometimes splashed with semi-oval spots. Hen far more beautiful, being of a rich pheasant color, and prettily laced on breast.

Tail—Not strongly sickled, but well defined, and more abundant than the Malay, of a dark brown or black, and sometimes slightly grizzled. Hens of a similar hue, upper feathers sometimes long, with a tendency to curl.

Legs—Yellow, and rather long.

Size—Cock about seven pounds, hen five.

Flesh—White, and of an excellent flavor.

Eggs—Rather small, smooth, and having a buff or chocolate tinge.

A leading breeder some time ago, wrote in one of our leading poultry journals: “The cock is of a very dark partridge color, with black breast and hackle; the hen is not unlike a pheasant, in marking all through, the body nicely pencilled, with the hackle darker; in fact, there is no class of marking that approaches nearer to that of the com-

mon pheasant in appearance. The plumage is extremely hard and short, being next to the feathered variety in that respect. The comb is pea-shaped—that is similar to that of the Malay, or like two peas joined together, one behind the other; it is low and close to the head; the eyes fairly red; the beak and legs yellow or orange. The head is rather short, or between that of the Game and Malay; the beak slightly curved and very strong; legs strong in bone and set well apart on well spread feet, armed with strong claws. The back should be well filled, wings short, the butts or shoulder points stan-

ding well out from the chest, with strength of muscle; breast broad, deep and prominent, and the bird should handle very solid and heavy. They are not abundant layers, laying from twenty to thirty in a batch, after which they generally go to nest and sit well; are excellent and steady nurses, defending their offspring well, and attending them to a good age. The eggs are a rich buff, sometimes almost approaching a chocolate, and the eggs from pullets weigh eight to a pound, and from hens seven."

STEPHEN BEALE.

In the Country Gentleman.

TORONTO POULTRY, PIGEON, AND PET STOCK ASSOCIATION.

The regular monthly meeting of the Toronto Poultry, Pigeon, and Pet Stock Association was held at 27½ Wellington St. East, on the 14th March, there being a good attendance, Mr. Dilworth the President in the chair. There was no business of importance before the meeting. It was the night for the Exhibition of Pigeons and Game Bantams. Mr. Fox being the only one who entered for Pigeons and took 1st and 2nd, two pairs being disqualified for not matching in the pen. Mr. Bonnick showed a pair of G.D.W. Game Bants which took 1st. scored 183½. Mr. Miles showed a pair of B.B.R. Game Bants which took 2nd scored 183. It was agreed that Plymouth Rocks and Leghorns be shown together for exhibition at our next meeting in April. The Judges to consist of Messrs. Blyth, Miles and Bonnick for Plymouth Rocks and Messrs. Dilworth, Eddy, and Doty for Leghorns. We would all like to see more of the new members attend the meetings as they are very instructive since having the birds there on exhibition, all the judges appointed to score the birds will give their reasons why they cut them and explain to the meeting any questions that may be asked. Let us have a grand rally next meeting as

we will soon have to see about having, or making preparations for another show. Our new by-laws are out and can be had by applying to the Secretary. Receipts of the evening \$3.45.

E. J. OTTER. Secy.

LONDON POULTRY AND PET STOCK ASSOCIATION.

The last regular meeting of this society was held in their rooms Albion Block on Feb. 19th. President McNeill in the chair with a large number of members in attendance. After the minutes of last meeting were read and confirmed, Mr. G. G. McCormick moved, seconded by Mr. A. Bogue that we open a school on the diseases and ailments of Poultry, which was carried unanimously. It is proposed to take up, say one subject, at each of our meetings in connection with other business. Quite a number of entries were received in the Langshan competition. The veteran breeder Mr. A. Bogue was appointed judge, and performed his duty to the satisfaction of all, not varying over ½ point from the score of some of the birds at the late Ontario show at St Kits. Mr. McNeill was awarded 1st prize on a pullet, score 96½ points, and 2nd on cock, score 95½. Mr. T. P. Taylor pushed him hard with a nice pullet, score 95¼. Mr. Robt. Scott also had some fine stock scoring as high as 94 points, altogether a fine display. Black Hamburgs was the variety chosen for our next meeting March 19th. We have added several new members to our list this year so far and the society is flourishing. R. Oke, Secretary.

(The London Association is to be congratulated on the activity of its members. We should very much like to get *verbatim* reports of the discussions on diseases, it is a question of great importance and one to which we purpose (as will be seen by REVIEW this month), devoting considerable

space, that is with the assistance of our readers.—Ed.)

BOWMANVILLE POULTRY ASSOCIATION SCORING CLUB.

FIRST MEETING.

The first meeting was held on Friday evening the 15th of February in the Police Office, the President, Mr. A. Hobbs in the chair. The Secretary then opened his books and enrolled 15 members, to start with. It was moved and seconded that we meet the 1st and 3rd Friday of each month till further notice, carried. It was then moved and seconded that we take Light and Dark Brahmas for our next meeting and Mr. T. T. Coleman be the judge, carried. Moved and seconded that Messrs. Coleman, Dustan, Moorcraft and LaBelle be committee to draw up constitution and by-laws and report at next meeting, carried.

Moved and seconded that we adjourn till the 1st of March. J. M. Hern, Sec'y.

SECOND MEETING.

On March 1st the President Mr. Hobbs in the chair, minutes of last meeting were read and approved. This being the second meeting of this new institution we had seven more applications for membership which were accepted. The committee on constitution and by-laws reported, when it was moved and seconded that the report be received and read clause by clause and be adopted or amended as the members saw fit, carried. The report was read and adopted with very few amendments.

A vote of thanks was tendered the committee for their services in getting up constitution and by-laws.

The exhibition of the evening was for Light and Dark Brahmas there were three pairs entered but only one pair shown, a pair of Light shown by J. M. Hern and the judge handled them in great shape, he is a heavy cutter and uses his judgment well as he was criti-

zed by all present and he explained to the satisfaction of the majority why and for what he cut. The following are the scores, cock 90, hen 91½.

For exhibition at our next meeting will be all varieties of Cochins and Pouter Pigeons, Judges, J. M. Hern for Cochins and J. O. LaBelle, Pigeons, there will also be discussion on hatching and raising of chicks.

Meeting adjourned till Friday 15th.

J. M. Hern, Sec.

(Dear Sec'y.

Try and send full report of hatching and raising discussion.—ED.)

TORONTO BANTAM PIGEON AND PET STOCK CLUB.

The above club held its regular monthly meeting on the 19th inst. the president in the chair. There was a poor attendance, and little business was done. It was moved and carried that the Club supply gas fixtures for the hall and the Bantam Club and Toronto Association to each pay half of gas bill, a communication from Mr. Otter was read, stating that we could have the use of the chairs belonging to the T. P. P. & P. S. Association on the above conditions. Two more special prizes were offered viz. Mr. C. F. Wagner \$1.00 for best pair young African Owls, Mr. R. Burroughs \$1.00 for best pair young Magpies. The birds for competition were all varieties of fancy pigeons except Carriers, Pouters, S. F. Tumblers and Barbs six birds were exhibited viz. 3 red-chequer Antwerps and one blue-Dragon by Mr. Fox one splashed Trumpeter and one black Jacobin by Mr. Burroughs. Judges were Messrs. Donovan, Groves and Wagner.

Awards. 1st (Fox) red-chequer Antwerp. 2nd (Burroughs) black Jacobin. 3rd (Fox) red-chequer Antwerp.

The meeting adjourned at an early hour.

E. F. Doty.

Secretary.

MONTREAL POULTRY, PIGEON AND PET STOCK ASSOCIATION.

The annual meeting of the above society was held in the Victoria Club House on Thursday the 14th of March, Thomas Hall Esq. President in the chair. There was a good attendance of members. After minutes of last meeting were read, it was decided to adjourn till the 4th of April, so that the dinner which had been provided might be proceeded with. A very enjoyable menu was provided by mine host Graham who left nothing undone to ensure the comfort of his guests. After dinner the President called for the usual loyal toasts, and songs were sung by Messrs. Foster, Tatterwill and others.

J. H. CAYFORD,
Secretary.

EGG MEN IN COUNCIL.

A meeting of the Egg Dealer's Association of Ontario was held in Stratford some time ago. Among those present were Messrs. D. D. Wilson, (President) and his son J. D. Wilson, Seaforth; A. G. Habbock, Waterloo, Secretary; J. D. Moore, Wm. Dunseith, St. Mary's; W. Packman, Port Burwell; D. K. McNaughton, Detroit; Wm. Richardson, Walkerton; A. Carter, Elora; Scott & Hogg, Galt; F. A. Brown, Simcoe; Scott & Scott, Alliston; Sparling Powell, Wingham; and Wm. Brandenberger, of Stratford. The object of the meeting, as near as could be ascertained, was to close up the year's transactions, which consisted chiefly of comparing notes and results of the past season's business. Discussion also took place regarding the policy the dealers would follow should the U. S. Congress put a duty on hen fruit, which it is feared they will do. Should the duty be put on, the members of the association will likely take concerted action. In conversation with a reporter, President Wilson said the season throughout has been a fair one for exporters, but it, wound up badly; and

those who had stocks at the end of the season were bitten by the fall in prices.

The dealers, however, almost without exception disposed of their stocks before the season closed. The association, several members stated, does not regulate prices and is not a combine in any sense of the term. Every endeavor, however, is made to keep prices as uniform as possible, which is an advantage rather than otherwise. Another meeting will be held at Toronto in a month or so.

CAN ONE BREED MODIFY ANOTHER APART FROM SEXUAL CROSS.

Editor Review:—

I should be glad to hear through the columns of the REVIEW from breeders of fowls anything that would go to show either, (1) that the sexual influence of one cock can persist longer than two weeks (at most) of his removal from his mates, or (2), that one breed may take on the colors or shape of another, except through sexual influences, operating, of course, through the germ cells.

It has been stated, for example, that, after the removal of a W.F.B. Spanish cock that ran with some L. Brahmas, together with the cock of their own breed, the chicks hatching from eggs gathered after a three (3) weeks separation from the Spanish cock were L. Brahma in shape but largely black in color. I know that most of the cases of resemblances in the human subject and other mammals said to be due to influences acting through vision, etc, melt away when analyzed, and can be explained by reversion and other laws of heredity.

Doubtless the influence of the cock often lasts longer than the short period (4 days) assigned by some writers. In the case of the turkey, the cock may be separated after a visit lasting only one or two days, and the whole batch of eggs laid be fertile; but this does

not hold, it is likely, to the same extent with the hen.

If there are any influences through the nervous system, (vision, etc.), that determine resemblances, it is very important to know it. Let us hear from some of our old and observant breeders, facts if we can get them, if not impressions. If some of these gentlemen don't soon reply to some of my promptings, I fear I shall be obliged to "name the honorable gentlemen."

You want to know, Mr. Editor, what "Science" thinks of the "Mugwump." Well, sir, there are some things at which Science stands aghast, and exclaims with the old Greek poet: "Of all the wonderful things, the most wonderful is man!"—but in another sense.

Truly Yours,
SCIENCE.

HENS TOO FAT—MALE TOO VIGOROUS.

Editor Review:—

I see in the March number of REVIEW a few fanciers complain of their white Leghorns dying suddenly and as a reason is asked for I might give my opinion. I wintered a pen of S. C. W. Leghorns in a coop 10 x 10, was a little too good to them, they got too fat, this coupled with the excessive vigor of the male bird caused me to lose one of my best hens, and got one or two more at the point of death. These I at once isolated and gave good warm quarters for a few days and they got all right. Now as they are in a fine large yard and can escape from the vigor of the male bird they are doing nicely.

R. H. MARSHALL,
Dunnville, Ont.

Editor Review:—

In March number of REVIEW *Re-* Leghorns being taken suddenly ill and dying. I beg to say in Dunnville there are some four breeders, in each of whose pens hens have become ill but in no

case has a death occurred. In my pen I watched the hens closely and came to this conclusion. 1st the hens being too fat, 2nd the cock being too attentive to the hens causes a dizziness and a terrible leg weakness, the bird chills. This is the only cause I can give—my remedy was as follows. 1st remove the cock take the patient to the kitchen warm her thoroughly give her 1 teaspoon full of the warmest milk in which put about 3 or 4 drops camphor, repeat every three or four hours for $\frac{1}{2}$ or 1 day, you may add if you like about ten drops of good castor oil, give same to hen from a teaspoon. If birds are not too fat, not much danger of this illness. But look out for cock for he will annoy the hens when the poor things are too weak to stand up. I do not think a cock should remain continually in a pen unless there are at least 8 or 10 hens.

Yours truly,
A. H. McCRAE.

Dunnville Ont.

ARTIFICIAL INCUBATION.

Editor Review,—

Thinking it may interest some of your readers who are perhaps intending to try an incubator this season, I pen these few lines telling of my success on the "trial trip" of a "Gerred Incubator." I purchased one the beginning of January, and after running it a few days to get an idea of its working, set it with a few eggs, and to give a better idea of its capability I did not rely entirely on eggs from my own birds but procured some of my neighbor, Mr. Barrett. The result has exceeded my most sanguine anticipations. It hatched over 80 (eighty) per cent of fertile eggs, and that too in from nineteen to twenty days. I put in one Light Brahma egg, and the chick was out on the eve of the 19th day. For a Brahma at this season, this is in my experience, unprecedented. Mr. Bar-

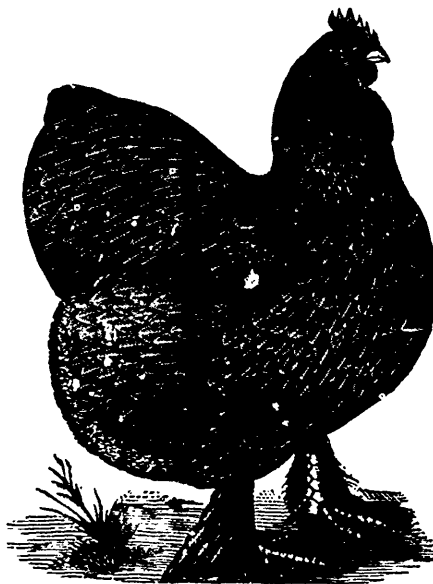
rett too, had in three Dorking eggs three chicks out on the 19th day, the rest came out on the 20th day. P. Rocks and Wyandottes only two of the latter, one the largest I ever saw hatched, the remaining fertile eggs I broke to satisfy myself, and found only two that might have hatched, perfect but dead in shell. No hen could have hatched the rest. And now Mr. Editor you ought to see my better half; owing to her disbelief I was *not allowed* to put many eggs in the first time, and now she is just too mad because we might have had such a nice lot of early chicks. I am master of the situation just now. I watched the two first chicks come out and was extremely satisfied to see them so strong. Before the Dorking was half way out of the shell he began to peck at the head of the Brahma which lay next him trying to free himself from his frail prison-house. After my previous disappointment a few years since with an Incubator, I am only too glad to acknowledge the merit of the Gerred. I find it easy to keep at the required temperature. I shall now turn my attention to the progress of the birds, which at present are as lively as crickets and as happy as sand-bugs, the only trouble being that they want too much of our company, and that is quite a pleasure, seeing they are such distinguished and well bred little beings. Well there are a great many prophets here who in their pre-science can see that these kind of things are "agin nat'r," and vow they cannot live, and even think it savors of the lower regions to employ such means of obtaining early birds. But I cannot smell the "brimstone" myself, and as Mephistopholes has not called yet, I shall try it again.

Yours Respectfully,
W. C. G. PETER.

LICE ON HENS.

Editor Review:—

In reading over this months REVIEW



BUFF COCHIN HEN.

Bred by GEO. E. PEER, Rochester, N. Y.

I notice a subscriber wants a cure for lice on hens, will you please give him my cure, as all this winter I have not been troubled with lice on my hens. I have White Leghorns that have layed since last Nov. and a brood of five chicks hatched 25th. Feb. have no signs of lice on them yet and are as lively as June birds. What I use is Phenyle, when I clean out, I sprinkle floor, walls roosts, and nest boxes. I have used it on White Rats, Rabbits, and on my cows, only requiring one washing. It is sold in bottles at 25cts. and 50 cts. and in half gal. and gal. tins, it is a simple and safe article to use, full directions on each bottle. If this Phenyle is not to be had in his district and he should like to try it I will send a bottle by sending his address to me, or to Mr. R. Wightman, Druggist Owen Sound. I find valuable receipts in your REVIEW for

which I would like to return my experience for others. Your paper I would not like to be without. Hoping I am not taking up too much space.

I remain yours,
JAS. McLAREN.

Owen Sound.

E. O. P. P. AND P. S. A.

Editor Review,—

Having been an exhibitor at the E. O. P. & P. Association, Ottawa, for the last three years, I would like to say a few words through your esteemed columns in regard to the excellent manner that Association use their exhibitors. Though I have only been able to attend their Exhibition but once, personally, I found at that time all the officers thorough gentlemen, fully acquainted with their respective duties

and anxious to make their visitors feel "at home" so to speak; it is a great pleasure to me, and I am sure it must be to all other exhibitors to send their poultry to such Exhibitions as the Ottawa fanciers hold at the Capital every winter, for whether you attend their show personally or not, your birds invariably receive the best of care, and are returned to you on the last day of the Show without fail, and score-cards, prizes and prize money always received the following week in full, one hundred cents on the \$. And I might here remark, Mr. Editor, that their prize list is getting more fascinating every year, *financially*, and I doubt if there was a more generous one in all Canada than the one they offered at their late Exhibition. I can't see why there are not more western fanciers that appreciate the Ottawa Poultry Show. I am

sure it is away a-head of several other shows that they always send their poultry to. I admit it is rather far east for some, but then they should take into consideration that their prize list is generous, the judge first-class, prize money always paid promptly and in full, and last but not least, if your birds are for sale, you have an excellent opportunity to sell them, as the visitors to their Exhibition are numerous, appreciative, and usually want to buy. I didn't have the pleasure of attending this Exhibition, but I believe it was a thorough success, both as to the quantity and quality of the exhibits. I regret there are not more Shows in Canada up to the high standard of the E. O. P. & P. S. Association of Ottawa, and I hope at their next Exhibition to see all the western fanciers fully represented; in conclusion, Mr Editor, I beg to extend my thanks to Mr. Geddes, the courteous and obliging Secretary of the Ottawa Show, for whom too much can not be said of the prompt and efficient manner in which he discharges his most arduous duties. Hoping I have not transgressed on too much of your valuable space,

I remain,

Yours Respectfully,

R. B. SMITH.

Perth,

CORRECTIONS.

Editor Review:—

Please make the following corrections in the Owen Sound prize list. W. C. B. Polish. Cockerel—first score 96, and second 94½. Hen—first 95. These were omitted on account of my taking home the score cards with me before they were duplicated by Secretary.

The score cards at the above show were all retained by the Secretary in order to duplicate every card send-

ing originals to exhibitors by mail and retaining the duplicates. I fully agree with the system, as often times score cards get lost or torn off by the fowls, thus losing all trace of the scores which are of the utmost importance to breeders.

Yours Truly,

J. M. CARSON.

OWEN SOUND.

L. Brahma cock should read special Jas. Penry.

LATE ITEMS.

MR. F. STURDY

Guelph, has received from England per S. S. Oregon a splendid trio of Silver Spangled Hamburgs, and will receive in about two weeks five others which have been carefully selected for him from the best yards in England.

MR. A. F. PEIRCE

Winchester, N. H. has received from England a large consignment consisting of black-red, pyle and duckwing Games. Black Reds, Heaton and Bell stock. The Cockerel "Bell Boy" is a marvel measuring 30 inches from top of head to sole of foot, very brilliant in color, free from striping in hackle and saddle very fine in head tail etc, and full of style. The pullets are very tall and rangy, and stylish, and of excellent color. The pyles are all Colgroves, and are all daughters of his Crystal Palace Cup cock last year, and full sisters to his Cup cockerel this year. The duckwings are Sheddons, and Brock banks. The cockerel is very tall, almost too tall if anything, but is very strong on his legs, splendid color, low well carried tail, and the pullets are very tidy birds, tight and hard, fine color, and full of style.

ANSWERS TO CORRESPONDENTS ON DISEASES, BREEDING, MANAGEMENT, ETC.

Correspondents are requested to make full use of this column. The answers to enquiries as to diseases will be answered by a well-known medical man and breeder. Please read the following rules carefully.

1. Give a concise, clear and exact statement of case, always stating age, sex, and breed.
2. Enclose 3 cents stamps for reply.
3. Report result, not necessarily for publication. *This is absolute.*
4. Acute cases requiring immediate treatment to be answered by mail in the first instance, later through REVIEW for the benefit of our readers.
5. Write legibly and on one side of the paper only.
6. Answers to be to name in full, initials or *nom de plume* the first preferred.

QUE.—Could you tell me through your valuable paper what would take the yellow tinge off a chicken, and oblige.

C. D. FLEMING,

Dover Township,

Chatham.

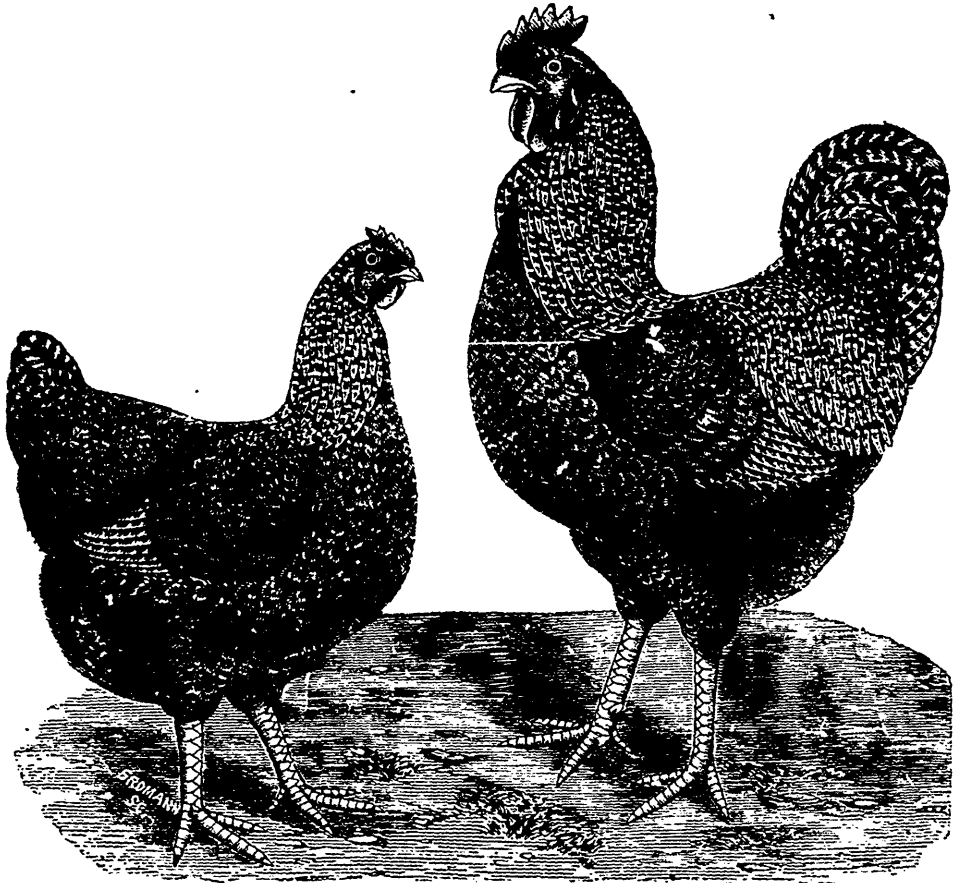
ANSWER.—If the yellow tinge is natural to the bird as it often is, nothing will remove it, if merely sunburn it will come all right with the next moult if the birds are kept in the shade. (Ed.)



EASTERN MICHIGAN POULTRY AND PET STOCK ASSOCIATION, DETROIT, MICH.

PRIZE LIST.

BRAHMAS, LIGHT—L R Freeman, Charlotte, Mich, 1st on cockerel 90¾. Floral City Yards, Monro, Mich, 1st on cock 93½, 1st on breeding pen 183-1-10. Akerley & Williams, Novi, Mich, 3d on cock 89½, 3d on cockerel 90¾, 1st on pullet 94, 3d tied on pullet 91, 3rd tied on breeding pen 181-3-4. N Eby, Detroit, 3d tied on pullet 91½. M L Rice, Utica, Mich, 2d on cock 91. E E Mugg, Dundee, Mich, 2d on cockerel 90½, 1st, 2d and 3d on hen, 91½, 91½ and 90¾, 2d on pullet 93¾, 2d on breeding pen 182. DARK—L R Freeman, Charlotte, Mich, 3d tied on pullet 92. E E Mugg, Dundee, Mich,



Pair Barred Plymouth Rocks.

3d on cock 89, 2d on cockerel 90½, 3d tied on hen 89¾. Wm Rumsey, Detroit, 1st and 2d on Pullet 94½ and 92½, 3d tied on pullet 92, 1st and 2d on hen 91¼ and 91, 3d tied on Hen 89¾, 1st on cock 93½, 1st and 3d on cockerel 92 and 89, 1st and 2d on breeding pen 185-19-20 and 128-3-4. W H Rand, Charlotte, Michigan, 2d on cock 92, 3d on breeding pen 181-13-20.

COCCHINS, PATRIDGE—W J Prest, Detroit, 1st on hen 95½, 1st, 2d and 3d on cockerel 93½ 93½ and 93½, 1st on breeding pen 285-5-8. Jas M Munroe, Detroit, 3d on pullet 92. L R Freeman, Charlotte, Mich, 2d on pullet 92½. Jas Reed, Detroit, 2d on hen 94¼, 3d on cock 89½, 1st on pullet 92¾, 2d on breeding pen 183¾. M L Rice, Utica, Mich, 1st and 2d on cock, 91¾ and 91½, 3d on hen 94, 3d on breeding pen 183. BUFF—W P Morgan, Detroit, 1st, 2d and 3d on cockerel, 92¼, 91¼ and 90¼, 1st and 2nd on pullet, 95 and 91½. L R Freeman, Charlotte, Mich, 2d on hen 89½, 3d on hen 86¼, 3d on pullet 90½. **BLACK**—L R Freeman, Charlotte, Mich, 2d on cockerel 89½, 1st on pullet 93. James Ball, Marshall, Mich, 2d and 3d on pullet, 91½ and 91. **WHITE**—Jas Ball, Marshall, Mich, 1st on cockerel 90, 2d tied on pullet 89½, 3d on hen 89, 3rd on pullet 89, 2d on breeding pen 178-3-5. J. A. Tucker, Concord, Mich, 3d on cockerel 85½, 1st and 2d on hen 91 and 90, 2d tied on pullet 89½, 3d on breeding pen 174-4-5.

LANGSHANS—Jas. Ball, Marshall, Mich, 2d tied on pullet 96½. Akerley & Williams, Novi, Mich, 1st on cockerel 95½. M C Hefron, Battle Creek, 2d and 3d on Hen 95 and 94¼, 1st and 3d on pullet 97 and 96¼, 2d tied on pullet 96½, 1st on hen 95½, 2d on Cockerel 94, 3d tied on cockerel 94, 1st on cock 92¼, 1st and 3d on breeding pen 190-7-20 and 189-1-10. G J Nissly, Saline, Mich., 2d and 3d on cock, 91½ and 90, 3d tied on cockerel 94, 2d on breeding pen 189½.

PLYMOUTH ROCKS—C L Hogue, Battle Creek, Mich., 3d on cockerel 91¼, 2d on hen 92¼, 2d on cock 90, 3d on pullet 91, 1st and 2d on breeding pen 182¾ and 179¾. Jos Cairue, Camlachie, Ont., 2d on pullet 91½. David Allen, St. Thomas, Ont., 1st on hen 93, 3d tied on cock 89¼. C F Bellows, Ypsilanti, Mich., 3d on breeding pen 176¼. D L Pierson, city, 1st on cockerel 92. Thos Martin, city, 3d on hen 90¾. Geo Brown, St Thomas, Ont, 2d on Cockerel 91-1-2. G J Nissly, Saline, Mich, 1st on cock 90¾. **WHITE**—J E McCrilles, Munson, Mich, 1st on pullet 96¾, 2d on cock 89-1-2. M C Hefron, Battle Creek, Mich, 1st on cock 92-1-2, 1st tied for cockerel 95-1-2, 2d

and 3d on cockerel 94-1-2 and 93¾, 3d on pullet 95¼. M L Rice, Utica, Mich, 2d on breeding pen, 186-7-20, 3d on cock 88-1-2, 1st on hen 95-1-2. G J Nissly, Saline, Mich, 1st tied on cock 95-1-2, 2d on hen 95, 3d on hen 94-1-2, 2d on pullet 96, 1st and 3d on breeding pen 190 and 185-7-10.

DOMINIKES—J J Houghton, Detroit, 3d on cock 85-1-2.

WYANDOTTES, SILVER—C W Jones, Richland, Mich, 2d on breeding pen 180-1-2. W J Bailey, Mt Vernon, Mich, 3d on hen 89. J E McCrilles, Munson, Mich, 1st and 2d on cockerel 92-1-4 and 92, 1st and 2d on pullet 93¼ and 92-1-2. Florel City Yards, Monroe, Mich, 3d on breeding pen 177. O J Ingalls, Alpena, Mich, 3rd on cock 89-1-2. A W Graham, St Thomas, Ont, 3d tied on cockerel 91¾. T H Scott, St Thomas, Ont, 1st and 2d on cock 91¼ and 90-1-2, 1st and 2d on hen 92 and 90¼, 3d tied on cockerel 91¾, 3d on pullet 92-1-4, 1st on breeding pen 182-1-2.

GOLDEN—O E Bartlett, Pontiac, Mich, 1st and 2d on cock 90-1-2 and 88, 2d on cockerel 88¼, 1st 2d and 3d on hen 90, 87 and 86-1-2, 2d and 3d on pullet 94¼ and 90-1-2, 2nd on breeding pen 179-7-20. T H Scott, St Thomas, Ont, 1st on cockerel 91, 1st on pullet 93-1-2. **WHITE**—J McCrilles, Munson, Mich, 1st tied on pullet 92-1-2, 2d tied on pullet 91-1-2, 3d tied on cockerel 89-1-2. J R Godfrey, Parma, Mich, 2nd on hen, 91-1-2. Florel City Yards Monroe, Mich, 1st and 2d on cockerel 91 and 88, 1st on cock 91, 1st on hen 92, 1st tied on pullet 92-1-2, 3d on pullet 91, 1st on breeding pen 181-7-20. **BLACK**—T H Scott, St Thomas, Ont, 1st and 2d on hen 95-1-2 and 97, 1st and 2d on pullet 93½ and 92-1-2.

MINORCAS, BLACK—O A Chapman Battle Creek, Mich, 2d tied on cockerel 95, 3d on breeding pen 189-1-2. C W Kroosz, Detroit, 2d tied on hen 95-1-2. J E McCrilles, Munson, Mich, 1st tied on hen 96, 3d tied on pullet 97. E O Grosvenor, Monroe, Mich, 1st on cock 90. G N Nissly, Saline, Mich, 2d tied on hen, 95-1-2, 3d on hen 95-1-2, 3d on cockerel 94-1-2, 2d tied on cockerel 95, 1st and 2nd on breeding pen 192-1-5 and 190, 1st tied on pullet 97, 2d on pullet 97, 1st on cockerel 96. Thos Noble, Detroit, 3d on cock 85-1-2. Keys & Kishpaugh, Glinton, Mich, 1st tied on hen 96. **WHITE**—J McCrilles, Munson, Mich, 1st and 2d on Pullet 94¾ and 92-1-2, 1st on cockerel 90¼. E O Grosvenor, Monroe, Mich, 1st, 2d and 3d on hen, 94-1-2, 94-1-2 and 94-1-4, 3d on pullet, 90-1-2, 2d on cock 89-1-2, 1st on breeding pen 182¾.

LEGHORNS, SINGLE COMB BROWN—C

L Hogue, Battle Creek, 1st and 3d tied on pullet 95 and 94. Edmund Haug, Detroit, 1st and 3d tied on pullet 95 and 94, 2d on pullet 94 1-2, 2d on breeding pen 186-1-5. D P McLachlan, York, Mich, 2d on hen 93-3-4, 3d on cockerel 92-1-2, 3d on breeding pen 184-3-4. R W Anderson, Detroit, 3d tied on pullet 94. J J Houghton, Detroit, 3d tied on hen 93-1-2. E D Graves, Detroit, 3d tied on pullet 94. F Wixson, Ingersoll, Ont, 1st on cock 92-1-2, 1st on cockerel 95, 3d tied on hen 93-1-2, 2d on cockerel 93, 1st on hen 95, 1st tied on pullet 75, 1st on breeding pen 188-4-15. **ROSE COMB BROWN**—F R Ecker, Lowell, Mich, 1st on cock 91-1-2, 1st, 2d and 3rd on cockerel 92¾, 92¼ and 91¼, 1st, 2nd and 3d on Hen, 93¾, 92¾ and 92¼, 1st, 2d and 3rd on pullet 94¼, 94¼ and 91, 1st and 2d on breeding pen 186-1-5 and 183-7-20. **ROSE COMB WHITE**—W C J Campau, Wayne, Mich, 2d on cock 88-1-2. **SINGLE COMB WHITE**—O E Bartlett, Pontiac, Mich, 2d on Pullet 96-1-4. F Wixson, Ingersoll, Ont, 1st on pullet 96¾, 1st and 2d on breeding pen 191-4-5 and 191-1-10, 1st and 2nd on cock 94-1-2 and 93-1-4, 1st, 2nd and 3rd on hen 96, 95-3-4 and 95-1-4, 1st and 2nd on cockerel 96 and 96. A W Graham, St Thomas, Ont, 3d on cock 93, 3d on cockerel 95-1-2, 3d on pullet 96, 3d on breeding pen 189-13-20.

SINGLE COMB BLACK—F Wixson, Ingersoll, Ont, 2d on cock 89-1-2, 1st, 2d and 3d on hen 94, 93-1-2, 93, 1st, 2d and 3d on cockerel 93-1-2, 91, 89-3-4, 1st, 2d and 3d on pullet 94-1-2, 93-1-2, 93-1-4.

WHITE LANGSHANS—Chas J Sweet, West Bay City, Mich, not standard but very highly commended.

BLACK SPANISH—Tracy Bros, Detroit, 1st on cockerel 93-1-2, 1st and 2nd on hen 94¼ and 92, 1st, 2d and 3d on pullet 95-1-2, 93 and 91-1-2, 1st on breeding pen 186¾.

BLACK JAVAS—W J Miller, Battle Creek, Mich, 1st on cockerel, 93-3-4. M L Rice, Utica, Mich, 1st on cock 90-1-2, 2d on cockerel 88-1-2, 1st, 2d and 3d on hen, 95-1-2, 93-3-4, 89, 1st and 2d on pullet 92, 91. **MOTTLED**—Keys & Kishpaugh, Clinton, Mich, 1st on cock 90-1-2, Mich, 1st on cockerel 92, 1st and 2nd on pullet 93 and 93, 1st, 2d and 3d on hen 93, 92 and 90, 1st on breeding pen 182-1-10.

GAMES, BLACK RED—E Hamilton, Royal Oak, Mich, 3d on pullet 86, Eli Haley, Detroit, 1st on cockerel 90-1-2, 1st on hen 93-1-2. **BROWN RED**—Thos Noble, Detroit, 2nd and 3d on pullets 89-1-2 and 88-1-2. Samuel Dubber, St Thomas, Ont, 2d on cock 87-3-4, 2nd on cock 87-3-4, 2d on cockerel 88-1-2. Tracey Bros, Detroit, 1st on

cock 90-3-4, 2d and 3d on hen 93 and 92 $\frac{3}{4}$, 1st on pullet 93-1-2. DUCKWING—Eli Haley, Detroit, 2d on cock 88-1-4. W Hutchinson, Sandwich, Ont, 2nd on cockerel 88-1-2 E Hamilton, Royal Oak, Mich, 2d on hen 87 $\frac{3}{4}$. JAPANESE—C Pudderfoot, Detroit, not standard but highly recommended. RED PILE—Eli Haley, Detroit, 2d on cock 87 $\frac{3}{4}$, 2d on hen, 89-3-4, 1st and 2d on cockerel 92 $\frac{3}{4}$ and 88, 2d and 3d on pullet 88 $\frac{3}{4}$ and 86-1-2. Wm Meecham, St Thomas, Ont, 3d on cock 87 $\frac{1}{4}$, 3d on hen 86 $\frac{3}{4}$ BLACK SUMATRA—Thoma Noble, Detroit, 1st on Cock 90-1-2, 1st, 2d and 3d on hen, 96, 95, and 94-1-2.

BANTAMS, BLACK RED GAME — Master Alfey Reed, Detroit, 1st on cock, 93-1-2, 1st on pullet 93. M C Strong, Detroit, 1st on cockerel 92-1-2. SILVER DUCKWING—Tracey Bros, Detroit, 2nd on cockerel, 89-3-4, 3rd on hen, 88-1-2, 3rd on pullet, 90. O E Bartlett, Pontiac, Mich, 2nd on cock, 87-1-2, 2e on hen, 89-1-4, 1st and 2d on pullet, 92-1-2 and 91-1-2, 2d on cockerel, 89-1-2, 2nd on breeding pen, 179-3-5 YELLOW DUCKWING—E Hamilton, Royal Oak, Mich, 2d on hen, 89-1-2.

BANTAMS, BLACK AFRICAN—O E Bartlett, Pontiac, Mich, 1st on cockerel, 94, 1st on hen, 94-1-2. G J Nissly, Saline, Mich, 1st on pullet, 94-1-4, 2nd on hen, 94. GOLDEN SEA BRIGHT—O E Bartlett, Pontiac, Mich, 3d on cockerel, 88-1-2, 1st and 2d on hen, 92-1-2 and 90-1-2, 1st on pullet, 92-3-4. E Hamilton, Royal Oak, Mich, 3rd on hen, 87-1-2. William Luscombe, Sarnia, Ont, 2d on cockerel, 89-1-2, 2d on pullet, 91. SILVER SEA BRIGHT—J J Houghton, Detroit, 3d on cock, 85, 1st and 2nd on hen, 91-1-2 and 90-1-2. E Hamilton, Royal Oak, Mich, 3d on hen, 87. PEKIN—W Copeland, Detroit, 1st on cock, 92, 1st and 2nd on hen, 90, 89-1-2. M C Strong, Detroit, 1st on cockerel 92-1-2, 1st on pullet, 93-1-2, JAPANESE—Floral City Yards, Monroe, Mich, 1st on cockerel, 94, 1st, 2d and 3d on hen, 94, 93-1-2 and 93, 1st and 2nd on pullet, 95-3-4 and 95-1-2, 1st on breeding pen, 188-1-20.

DORKINGS, SILVER GREY—Tracey Bros, Detroit, 1st, 2d and 3d on hen, 96-1-2, 96 and 94-1-2; 1st, 2d and 3d on breeding pen, 184-1-2. 182-2-5 and 189-3-5; 2d and 3d on Cock, 89 and 88-1-2; 1st and 2d on Cockerel, 88-1-2 and 88; 3d tied on Cockerel, 86-1-2 1st and 3d on Pullet, 95 and 95. Keys & Kispagh, Clinton, Mich; 3d tied on Cockerel 86-1-2, 2d on pullet, 95. WHITE—C F Belows, Ypsilanti, Mich, 1st and 2d on pullet, 93 and 93, 3rd tied on cockerel, 88-1-2. G J Nissly, Saline, Mich, 1st on cockerel, 91-1-2, 1st on hen 93-1-2, 3d tied on hen 91-1-2.

Keys & Kispagh, Clinton, Mich, 2d and 3d on cock, 89-3-4 and 88, 2d on cockerel, 89, 3d tied on cockerel, 88-1-2, 2d on hen 92, 3d tied on hen 91-1-2, 3d on pullet 92. COLORED—Tracey Bros, Detroit, 2d on cock 89-3-4, 1st, 2d and 3d on cockerel 93, 91-1-2 and 91-1-2, 1st, 2d and 3d on hen, 93, 92-1-2 and 92-1-4, 1st, 2d and 3d on pullet, 94, 93-1-2 and 93-1-2, 1st, 2d and 3d on breeding pen, 186-1-2, 183-9-10 and 183-9-10.

HOUDANS—Jos Cairue, Camlachie, Ont, 3d on cockerel, 86-1-2, 2d on pullet, 87. Thos Noble, City, 2d on cockerel, 87, 1st, 2d and 3d on hen, 91-1-2, 87-1-2 and 87, 2d on breeding pen, 175.

POLISH, SILVER—Jos Cairue, Camlachie, Ont, 1st on cock, 92-1-2, 1st on hen, 93. SILVER BEARDED—Frank A Yeager, Monroe, Mich, 2d on cockerel, 88-1-2, 2d and 3d on pullet, 89 and 88-1-2. C E Kirburtz, Monroe, Mich, 3d on cockerel, 85, 1st on pullet, 91. GOLDEN BEARDED—A E Vosburg, Battle Creek, Mich, 1st on cockerel, 92, 2nd on hen 88-1-2. WHITE CRESTED—Fred Kresbach, Monroe, Mich, 1st on cock, 90-1-2, 3d on hen, 86-1-2, 3d on pullet, 89-1-2. WHITE CRESTED WHITE POLISH—D E Vosburg, Battle Creek, Mich, 2nd on cockerel, 89-1-2, 1st and 2d on pullet, 93 and 91-1-4, WHITE CRESTED BLACK—C E Kirburtz, Monroe, Mich, 1st on cockerel, 92, 1st on pullet, 93-1-2, 1st on hen, 93-1-2.

HAMBURGS, BLACK—Keys Kishpagh, Clinton, Mich, 1st and 2d on cockerel, 93 and 90, 1st 2nd on hen, 95-1-2 and 95-1-4, 1st, 2d and 3d on pullet, 96, 95-1-2 and 95-1-4, 1st on breeding pen, 188-1-2. W C J Campau, Wayne, Mich, 1st on cock, 92-1-2. SILVER PENCILLED—E Hamilton, Royal Oak, Mich, 1st on pullet, 91-1-2, 1st on cockerel, 92. GOLDEN PENCILLED—Miss Lottie D Berry, Detroit, 3rd on cock, 87, 1st on hen, 90, 3d on cockerel, 89, 2nd and 3rd on pullet, 89, 89, 2d on breeding pen, 177-1-2. E Hamilton, Royal Oak, 2nd on cockerel, 89-1-2. Thos Martin, Detroit, 2nd on cock, 89-1-2. SILVER SPANGLED—Jos Cairue, Camlachie, Ont, 1st on cock, 92, 1st on hen, 91, 2d tied on cockerel, 91, 3d on pullet, 91-1-2. Thos Noble, Detroit, 3rd on cockerel, 86. Keys & Kishpagh, Clinton, Mich, 2nd on cockerel, 89-1-2 2d and 3d on hen, 90 and 86, 1st on cockerel, 92-1-4, 2nd tied on cockerel, 91, 1st and 2nd on pullet, 92-3-4 and 92-1-2, 1st on breeding 183-13-20.

WHITE TURKEYS—C H Banks, Novi, Mich, 1st on "Tom," 1st on hen. BRONE—W L Rogers, Whitaker, Mich, 2nd on cock, 2d on hen, 1st and 2nd on pullet, 3rd on hen, 1st on breeding pen. M L Rice, Utica,

Mich, 1st on Cock, 1st on hen. RED CAPS—Jas Ball, Marshall, Mich, 1st on cock. Keys & Kishpagh, Clinton, 1st on cockerel, 1st, 2d and 3d on pullet.

PEKIN DUCKS—O E Bartlett, Pontiac, Mich, 2nd and 3d on Drake. M L Rice, Utica, Mich, 1st on Drake, 1st, 2nd and 3rd on Ducks. MUSCOVY DUCKS—W H Condon, Detroit, 1st on Duck, 1st on Drake.

Wm. RAMSEY, Secretary.

EUREKA POULTRY ASSOCIATION.

EXHIBITION AT CHATHAM FEBRUARY 20TH. TO 23RD.

L. G. JARVIS, JUDGE.

In numbers this show was small though the birds as will be seen by list in many cases scored well up. The Secretary informs us that the association intends putting forth every effort to hold a show next season equal to the best. Birds shown in pairs. Below is the

LIST OF AWARDS

BRAHMAS—Light Chicks.—1st 183 Wm. Luscombe, Sarnia, 2nd 176 W. H. McGaw, Hamilton. Breeding Pen—Fowls 386 $\frac{1}{2}$ W. H. McGaw, 2nd 367 H. L. Smith, Chatham. Chicks—1st 365 $\frac{1}{2}$ W. H. McGaw, 2nd 360 H. L. Smith. Dark Fowls—1st 176 W. Luscombe. Breeding Pen—1st 361 $\frac{1}{2}$, W. H. McGaw.

PLYMOUTH ROCKS—1st 180 $\frac{1}{2}$, E. B. Northwood, Chatham, 2nd 181 W. Luscombe.

COCHINS—Pen Partridge Fowls—1st 374 $\frac{1}{2}$ W. Luscombe, 2nd 368, E. B. Northwood. Chicks—1st 362 $\frac{1}{2}$, H. L. Smith. Pair—1st 181 $\frac{1}{2}$ W. Luscombe, 2nd 176 Jos. Bennett South Buxton. Buff Chicks—1st 181 C. D. Fleming. Black—1st 184 $\frac{1}{2}$ W. Luscombe, 2nd 177 $\frac{1}{2}$ J. Evans, Chatham.

LANGSHANS—Black Chicks—1st 186 C. D. Fleming, 2nd 181 W. Mattice, Ridgetown. Breeding Pen Fowls—1st 384 $\frac{1}{2}$ E. B. Northwood, 2nd 379 H. L. Smith. Chicks—1st 377 1-2 A. Richards, Chatham, 2nd 370 1-2 H. L. Smith.

WYANDOTTES—Silver Laced Chicks—1st 179 1-2 Geo. Bennett, South Buxton, 2nd 178 1-2 W. Luscombe. Breeding Pen—1st 336 1-2 H. L. Smith, 2nd 358 1-2 W. L. Soules, Highgate.

LEGHORNS—S. C. W. Chicks—1st 181 W. Knapp, Sarnia, 2nd 179 1-2 W. H. Martin,

Chatham. *Breeding Pen*—1st 366 1-2 W. H. Martin. *Brown*—1st 185 1-2 W. H. Martin, 2nd 181 W. Knapp. *Breeding Pen*—1st 367 1-2, Geo. Bennet.

HAMBURGS—S. S.—1st 180 1-2 W. Knapp, 2nd 178 Geo. Bennett. G. S.—1st 177 Geo. Bennett.

DORKINGS—*Silver Grey Fowls*—1st 180 1-2 H. Pierce, Chatham.

POLANDS—W. C. B. *Chicks*—1st 181 1-2 Jos. Bennett.

SPANISH—*Chicks*—1st 183 1-2 Geo. Bennett, 2nd 177 1-2 Jos. Bennett.

GAMES—B. B. R. *Fowls*—1st 189 1-2 Geo. Bennett, 2nd 182 F. E. Gerber. *Chicks*—1st 182 Geo. Bennett. *Golden Duckwing Chicks*—1st 179 C. D. Fleming. *Silver*—1st 173 F. E. Gerber. *Red Pyle Fowls*—1st 182 F. E. Gerber.

YOKOHOMAS—1st 180 1-2 F. E. Gerber.

BEST COLLECTION PIT GAME—Chas. Baxter, Chatham. *Best Collection Show 'Game*—F. E. Gerber.

BANTAMS—B. B. R. *Game Chicks*—1st 184 1-2 Wm. Luscombe. *Pekin Fowl*—1st 186 W. Luscombe. *Red Pyle Fowl*—1st 182 J. Shaw, Chatham.



Mr. J. H. Cayford, Box 1,188, Montreal is our Agent and Correspondent for the Province of Quebec. Any correspondence relating to subscriptions or advertising may be addressed to him.

Notices in this Column Inserted at 3c. per Word. No Display Allowed.

TO THE DEAF—A person cured of Deafness and noises in the head of 23 years' standing by a simple remedy, will send a description of it FREE to any Person who applies to Nicholson, 177 McDougal Street, New York. 8-89.

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.

We call attention to the *Special Prize* of \$100.00 for highest scoring Game Bird as per his advertisement now offered by Wm. Fleming of Owen Sound. This is a rare chance and we predict a boom in the sale of his eggs.

Renwick and Moment Orono, Ont., will give the parties sending them a piece of poetry on the varieties of fowls they advertise in the REVIEW. To the best, three settings of eggs from their prize breeding pens of Leghorns, Minorcas or Silver Wyandottes. To the second best, two sittings, to the third best one sitting. Competition open until May 5th.

Taunton, Mass., Feb. 23rd, 1889:—

This is to certify that I have just sold to A. W. Porte of London Ont., my Light Brahma Cock "Rex". He is one of the best breeders I ever had and must make his mark in Canada.

PHILANDER WILLIAMS.

Canadian Poultry Review,

* WITH KENNEL GAZETTE.

Is Published the first of each Month at

TORONTO, ONTARIO, CANADA

BY

H. B. DONOVAN.

TERMS—\$1.00 for both per year, payable in advance.

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Canadian Poultry Review,

Toronto, - - - Ontario.

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To my old customers and to all whom it may concern: I have sold out all my Light Brahma Stock to Major Salt, Esq., of Parkdale, and with confidence recommend him to all who may be in need of a First-class Bird as being a gentleman and strictly reliable and a good judge of Light Brahmas. STANLEY SPILLETT, Nantyc.

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Eggs from prize Buff Cochins and Brown Leghorns, \$1 per setting. Also Beagle, trained for deer, hare and fox hunting and English Land Spaniel imported from England, trained for Partridges. WILLIE CATTANACH, Sutton West, Ont.

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