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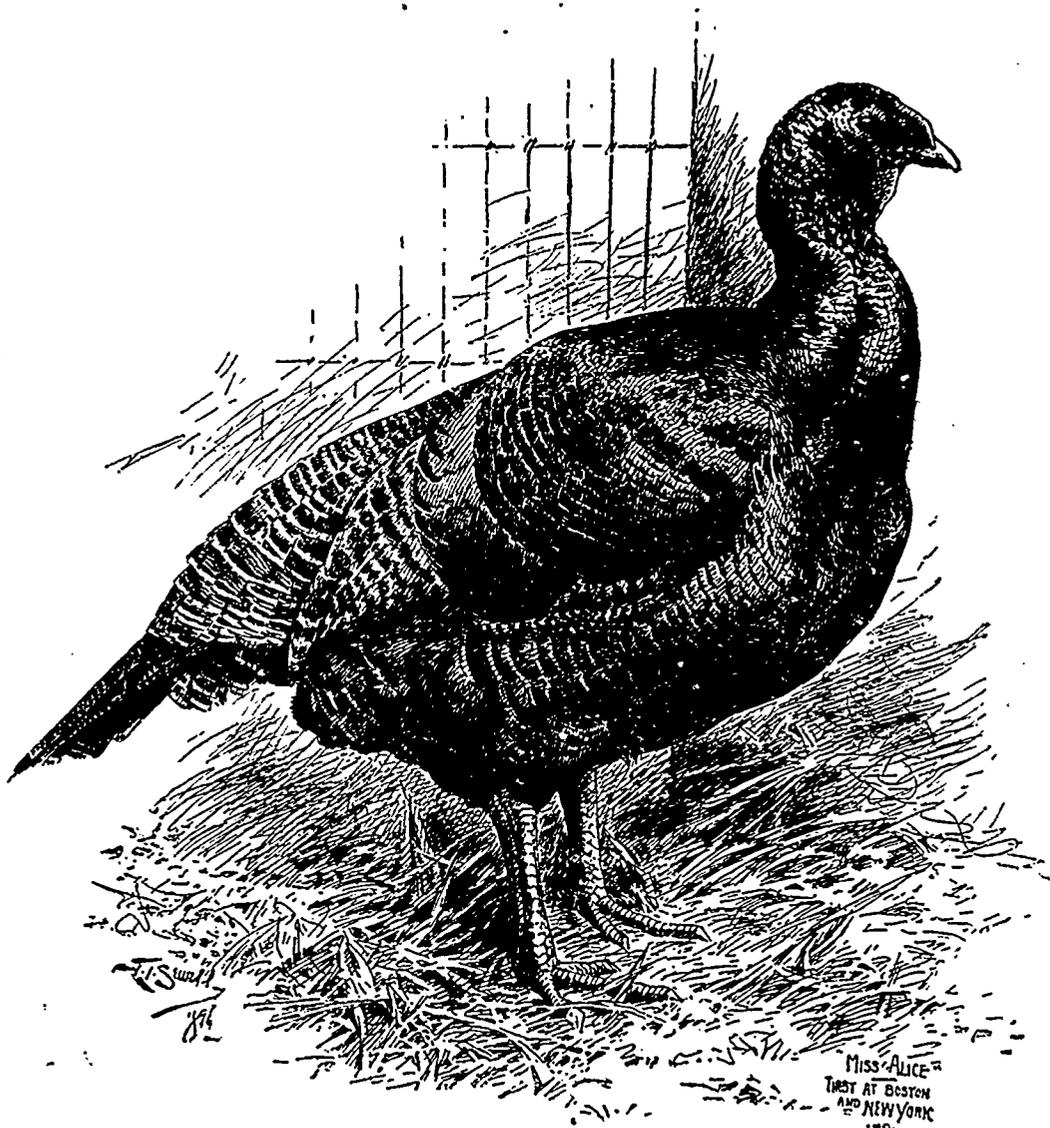
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MISS ALICE.

The famous Bronze Turkey, winner of first prizes at the largest shows in the United States. Never beaten. Owned by E. M. & W. Ferguson. Fishers Island Farms, Fishers Island, N.Y.

THE CANADIAN POULTRY REVIEW

DEVOTED TO POULTRY, IN ALL ITS BRANCHES

FOR THE FANCIER, THE FARMER AND THE SMALL BREEDER.

Vol. XXII.

124 VICTORIA STREET, TORONTO, NOVEMBER, 1899.

No. 11.

NOTES AND COMMENTS

THE Guelph Fat Stock and Poultry Association have just issued their annual winter show prize list, which is one of the best that has been issued at a local show. The special prize list is also very attractive, with a large amount of cash. The Association expect this year's entry to discount previous years, and to meet that they have ordered one hundred new coops to accommodate the entries. Come to Guelph and have a good time.

We regret we have not yet been able to get a correct list of the awards at Brantford Fair, so are unable to publish them in this issue.

Mr. W. H. Ulley has recently returned from what he calls "a chicken trip" through New York and New Jersey, and says that there is every indication of a large business to be done in the near future. Times are good, money plenty, and chickens on the rush.

At the recent meeting of the directors of the Eastern Ontario Poultry Association, Mr. Gisborne tendered his resignation as

Secretary, and it was only with the greatest reluctance that he withdrew it, stipulating that he should be relieved from office after the next exhibition. It therefore seems likely that both the Ontario and also the Eastern Ontario will shortly have new secretaries.

The B.C. Provincial Fair at New Westminster was a great success this year, and the poultry exhibit better than ever. Mr. T. J. Trapp is President of the Association; Mr. Arthur Malins, Secretary, and Mr. J. B. Milton is Superintendent of the Poultry Department. Mr. H. H. Collier acted in the capacity of judge.

The Lambton Association's Show this year will be held in Petrolia. The dates are Dec. 26 to 29. The popular L. G. Jarvis will officiate in his judicial capacity. Mr. J. W. Kedwell well known to breeders and exhibitors, is again in the secretary's chair and guarantees that everything shall be done in proper order and all promises fulfilled. Write him for prize list.

Mr. Putterfield will judge the show of the Eastern Ontario Association at Ottawa, Jan. 23 to 26, 1900. Enquiries for lists and other information should go to the secretary, Mr. Francis H. Gisborne.

As entries do not close till Jan. 15, we shall have the opportunity of referring to the show again.

Mr. Gibson, the Ingersoll secretary informs us that their show is on the "boom," and that nearly every one in town is a member of the Association. Mr. Sharp Butterfield will again judge, this year by comparison. The dates are Dec. 13, 14 and 15, and the list will be greatly enlarged.

After a lapse of several years Stratford will again hold a show on Dec. 26 to 30. An attractive list for single birds will be offered and many good specials. The name of the judge has not yet been announced, but he will be an expert. The show will be an open one and not local as was first thought of. Mr. Jas. L. Corcoran is president of the association and Mr. E. W. Harding, secretary.

Just a preliminary line to say the 26th consecutive "Ontario" will be held in Peterboro' on January 9 to 12 next. Don't forget it, and also that entries positively close on January 2nd. Mr. Prown says so, and so it will be. More later.

Are you going to Guelph? In the words of the poet, "If not, why not?" The dates are Decem-

ber 6th, 7th and 8th, and entries close December 2nd. Guelph has always been a good show town, is centrally located, and so, easily got at from all sections. The committee want to see all fanciers and their birds. Enquiries for lists should go to the secretary, Mr. John McCorkindale, who will promptly look after your wants. By the way, he writes us as follows:

"From indications at present this year's show will be a record-breaker. More interest is being taken than before, and the committee are pushing matters vigorously. More inquiries for prize lists are coming in, especially from parties who have not exhibited in Guelph in former years. So with single fares on all railways we naturally expect it will be a great success."

JNO. MCCORKINDALE,
Secretary.

This is our growing time. Don't you want to grow with us?

Our motto: "What we have we'll hold, and what we have not we'll hustle for." We're hustling. Help us.

"This is our 'blowing time'; blow with us. The poultry business is on the hum; not a boom, but honest, steady growth.

Do you know of a better paper for fifty cents a year? If your name is not on our lists, it ought to be. Three years, one dollar.

Where do you see show reports those in the Review? Complete, critical, honest, fearless, without bias, free from bitterness.

Woodstock dates have been changed to Nov. 30th to Dec. 2nd.

If you don't see what you want, ask for it. We exist for our readers' benefit.

We are asked to mention that the dates for Galt show have been changed to January 2nd, 3rd, and 4th.

Have you yet sent that essay for the "Ontario" meeting to Mr. Browne? Don't put it off too long.

Will readers please note that we cannot supply any more October Reviews, the issue being exhausted. New subscribers must, therefore, begin with this issue.

Sherwood Bros., Fergus, have sold a breeding pen of light Brahmas to the O.A.C., Guelph, where Mr. Graham is at the head of the poultry department.

WANTED.—Agents and correspondents in Manitoba, N.W.T., British Columbia, Nova Scotia, etc., as well as in Ontario and Quebec. We do not hear enough from the distant provinces.

Changes of advertisements should reach us not later than the 15th of each month to receive proper attention, and we cannot guarantee insertion after this date. New ads. we can use up to the 20th, sometimes later.

Through Mr. Henry Foreman, a breeder of many years' standing, we learn that the fanciers and breeders in and around Colling-

wood purpose forming an association, with the ultimate object of a winter show. We are glad to learn of it. We cannot have too many such bodies.

The full announcement of the Woodstock show, November 30th to December 2nd, will be found elsewhere. Mr. J. Y. Bicknell, of Buffalo, one of our staunchest judges, will pass on all birds, so a large entry is assured. The prize list will be a good one, and specials numerous. Mr. Whitehead, the secretary, will be glad to afford full information.

Mr. John Ramsay writes us: "I thought I would drop you a few lines to let you know that we are still living. I could not show in Toronto as I was manager of our fall fair here, and as I was very busy I had not time to get my birds in shape, but will be in time for the winter shows. Our association meets weekly, and we are going in for a big show, and I hope the fanciers will not forget us. We are raising the prize money for turkeys and geese, and are now offering \$1.50 for first in place of \$1, and 75 cents for second in place of 50 cents."

We have received a copy of the second edition of Rackham's Poultry Directory, published by the Chamberlain Publishing Co., of Orange, N.J., at \$1. It is a voluminous book containing about fifteen thousand names and addresses, an addition of about four thousand over that of last year. These are nicely classified, and in addition there are lists of all manner and description of things useful to poultry breeders. It is far

and away the best work of the kind ever issued, and a dollar will be well expended in its purchase.



Few people have any idea of the amount of poultry and eggs consumed each voyage on an ocean liner. Here is the bill of the Oceanic, the big, new boat, on her first trip: 1,500 spring chickens, 500 capons, 200 roasting chickens, 300 fowls, 500 ducklings, 50 goslings, 120 turkeys, 200 pheasants, 300 partridges, 800 squabs, and 600 quail. Supposing none of these happened to be left over at the termination of the round voyage, this quantity of poultry and game would afford the very liberal allowance for each day's consumption of 125 spring chickens, 41 capons, 17 roasting chickens, 25 fowls, 41 ducklings, 4 goslings, 10 turkeys, 17 pheasants, 25 partridges, 66 squabs in pigeon pies, and 50 quail—a total of 421 birds.



HINTS ON DEVELOPING LARGE COMBS.

E. A. CLARKE, PLUMSTEAD, KENT.

BY a large number of breeders nowadays the question of large combs is being seriously looked upon as a great evil. There are, however other breeders who maintain that a large comb adds very much to the noble appearance of a good bird. Both sides have a fair amount of common sense in their arguments, but as to which is right and which wrong must be left to individual opinion. There is nothing to be gained in denying the fact that the craze for large combs has seriously interfered with the reproductive powers of many valuable show birds, and that to obviate this diffi-

culty it has been found necessary by a large number of breeders to sacrifice the birds' combs after a short career in the exhibition-room, so as to ensure the fertility of the eggs during the breeding season. To the large breeder this may appear a matter of small importance, and from his point of view it undoubtedly is so; but in the case of the small breeder it makes a very serious loss in the show account if a bird is thus disabled. So far, I have never yet run across a show giving prizes for a pen of breeding fowls which might be shown dubbed. Certainly the idea is not an original one, but under present circumstances it appears to be necessary that something should be done in this direction if the small breeders are to be encouraged in showing and breeding birds fit for competition.

The birds would, no doubt, look strange first off, shown as suggested, but it should be remembered that only one "fancy" point has been sacrificed by mutilating the birds, and this should make it no less easy to judge them. Apart from this, however, is the fact that these heavy combs are a source of annoyance to the birds compelled to wear them, and they are also a source of anxiety to the breeder, who is in constant fear of injury to them during the show season, which is bound to entail loss in one form or another.

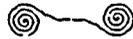
However, the question is "How to develop large combs?" It is an impossibility to grow a large comb on a small base, therefore, to start with, we need a bird with a well-developed head, set upon a stout neck, carried over a broad pair of shoulders. Having selected thus the bird or birds we are anxious to develop this fancy point upon, let

us proceed a bit further with our enquiry. The comb selected must be free from thumb marks, twists, or side sprigs. These points, in developing a large comb, are so speedily made apparent in the process of growth, that many an otherwise faultless bird is found to be valueless for exhibition purposes as the show season draws on. The quality of the comb must also be taken into consideration before developing it. Some combs will appear to harden as they are developed, others get flabby and lax. Then, again, some combs show too much front, others are too long in the blade, and are thus, to some extent, detrimental to the bird's appearance when developed. This may, to some extent, be prevented—first, by careful feeding; secondly, by housing in a proper house, and by careful handling as growth is made. Let us look first at the feeding. As an admirer and some time breeder of light breeds, notably Leghorns and Minorcas, I found that a normal growth was induced by feeding upon good plain foods, such as soft food for the morning meal, plenty of green stuff, and wheat varied at intervals with oats and barley. Where rapid growth was desired, a liberal supply of meat was added; but in this last point comes a source of danger, for meat is a great stimulant, especially to pullets, and is apt to induce too early laying, a thing that is not desired by exhibitors until full growth is attained. Meat feeding must be pursued, then, very carefully, or it will do more harm than good. Moreover, be it observed, meat induces coarseness and flabbiness of the comb; the last-mentioned point is also induced by too extensive feeding upon soft food.

Toronto Poultry Association's

Sixth Annual Show, Dec. 18th to 22nd.
AT TORONTO

Entries Close Saturday, December 9th.



One of The Largest List of Specials ever offered in Canada.



NO MEMBERSHIP FEE



Large Classification. Novice Classes for the Beginner. Reduced Fares on the Railroads.
 Judges—L. G. Jarvis, Guelph; J. H. Devenstedt, Johnstown, N.Y.; Wm. McNeil,
 London; R. H. Essex, Toronto, on Poultry; C. F. Wagner, on Pigeons.

CHAS. MICK, President.

A. W. BELL, Sec.-Treas.

I mentioned housing as having a bearing upon the development of the comb. That this does have some bearing is evident if one cares to observe the difference in the rate of growth and stamina of the combs of birds raised in houses of varying temperature. Those habitually roosting in a warm house will develop the comb much quicker than those in a cool house which is properly ventilated, but note the difference. The first will produce a thin comb liable to suffer by extreme heat, whilst the others, although of slower development, will be combs that will stand a lot of wear if properly looked after.

Some breeders, I believe, keep birds which produce thin combs with the comb placed in a guard as a preventive measure against the tendency to drop on one side. Were the birds healthily reared such devices as this would be altogether unnecessary.

The developing of the comb of a male bird is perhaps somewhat

easier than that of the females, seeing that the question of laying does not need to be taken into consideration. In the case of the females, however, it is very necessary that the development of the comb should be done as gradually as possible, and that every check should be kept on the birds to prevent laying until matured. To this end I would advise rearing them as far as possible in the open, and compelling them to roost in wire-fenced roosting places, or at any rate in a thoroughly well ventilated house. An occasional change of residence will materially assist the matter.

The longer the time allowed for the full development of the comb, the sounder will it grow. As the show season nears it will be quite soon enough if final preparations are made to develop the comb to its fullest extent are begun a fortnight or three weeks before the birds are to be shown. They should be then fed on sound wheat

and a small quantity of soft food into which a good bit of crissel has been mixed. A little iron tonic in the drinking water will stimulate the appetite and tone the birds' constitution. During the time spent daily in the training pen a few tit-bits of meat will aid the development. The house should be kept warm at night without letting its condition become offensive to its occupants, and in the morning the birds should not be released until their food is ready to be given to them. A constant supply of green food is most essential to counteract any bad tendency of the blood, nor must a supply of sharp grit be overlooked.

In conclusion, I should like to urge upon breeders generally the desirability of reducing the size of the combs now seen upon some of our beautiful light breeds, as it would, I feel certain, be more beneficial to both owner and owned.—Fowls.



GOOSE BREEDING. (Continued.)

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

AS soon as the bird is picked the blood is rinsed from the head and mouth, the bird is placed upon its back, and a string tied tightly around the middle of the body, pressing the wings firmly against the sides. Fairly stout white cotton twine is generally used for this purpose, but mongrel geese, for the Christmas trade, are sometimes tied with a narrow, colored tape, or braid, which adds somewhat to the appearance of birds designed for a fancy trade. Appearance has much to do with the selling value of geese as well as of any product put upon the market.

The wings are pressed slightly toward the back in tying, and their natural elasticity forces the breast meat and fat upwards so that the bird looks plump, if well dressed and the cord is tight.

Some fatteners break down the breast-bone before tying. To do this the bird is laid on its back on a solid bench, the breast is covered with several thicknesses of damp cloth, and two or three blows on the breast-bone given with a wooden paddle made from a piece of smooth oak board, about an

inch thick and perhaps six inches wide. Just enough force should be used to crush down the rib bones, so as to settle the breast-bone down somewhat the object being to give the breast a plump, meaty appearance. After the wings are closely tied against the body, and the blood has been rinsed from the head, the bird is immersed in ice water, barrels usually being provided for this purpose. In warm weather, when green goslings are usually dressed, they are kept in these barrels of ice and water until sent to market. The birds should be freshly packed in ice and clean water as soon as the bodily heat is thoroughly taken out of them.

They are shipped to market by packing in boxes or barrels with broken ice. The quantity of ice used depends upon the temperature of the weather at the time and the distance to which they have to be shipped. Before packing, the goslings should be removed from the barrels of ice water and laid upon boards or benches to allow the water to drain from them. In packing the head of the gosling is placed against the side of the bird, which is then packed back downward on a layer of cracked ice in the box or barrel. After enough have been packed to make a layer, cracked ice is put in and another layer placed upon them until the package is full. Sugar barrels are often used for shipping. One or two holes should be bored in the bottom to allow surplus water to drain away. A good layer of ice should be used at the top of the barrel, which can then be covered with two or three thicknesses of burlap.

Green goslings are never drawn for market. The shrinkage in

dressing is comparatively small, as only the blood and feathers are lost. It occasionally happens that a specimen will absorb sufficient ice water so that the dressed weight will equal the live weight of the bird. As a rule, however, the shrinkage is about five per cent. of the live weight. Expert pickers can dress from twenty to thirty birds in a day, depending, of course, upon whether they are hard or easy to pick.

The feathers should be spread in some clean, dry, airy place to cure. If placed upon the floor of a loft they should be turned over with a fork every few days until thoroughly dried. If put in bags and well steamed they are more valuable, as the steam in a measure purifies them and removes somewhat of the oily odor which they otherwise have. The feathers from a mature gosling will weigh about one-fourth to one-third of a pound, but green goslings, if quite young, do not yield as many feathers. The feathers from forty-five green geese, dressed August 29th, weighed twelve and three-quarter pounds after thorough steaming and drying. Where large numbers of green goslings are dressed, the feathers form no inconsiderable part of the income from fattening. The feathers alone form quite a source of profit, although their value is not as great as formerly.

Practically all the geese sold in Boston and New York markets are dry picked, but for some markets scalding is practiced. In that case the birds are dipped quickly into hot water, sometimes alternating the dipping with cold water, and the birds while moist with the hot water are wrapped tightly for a few moments in cloth. The operation must be carefully done,

so that the heat will loosen the feathers and yet not scald the skin so that it will break in picking. Experience is required to perform the operation successfully. Where birds are scalded all the feathers are removed, including those on the neck and wings left on when the bird is dry picked. This allows the housewife to use the whole neck and wings in cooking, so that the shrinkage in drawing would be a little less from this method of picking than from dry picking. Scalding is seldom practiced where birds are to be shipped and kept for some time before being sold; but where birds are slaughtered for immediate sale in a nearby market, the picking is made very easy by scalding. The feathers, however, are of no value.

THE PRODUCTION OF MONGRELS.

The Canada goose, mated with the domestic goose, produces goslings commonly called mongrels, and sometimes termed "mules," because of the fact that they are sterile. It is occasionally true that a mongrel goose when kept for two or more years will lay a few eggs, but we have no knowledge that goslings have ever been hatched from eggs laid by a mongrel goose. The progeny of the cross mating is usually sold the same season it is produced, and because of its delicacy, brings a much higher price in the market than other domestic water-fowl. As the Canada females lay but few eggs, it is not customary to raise mongrels from them. They are more often used for breeding pure Canada geese. The mongrel is generally the product of the Canada gander mated with some dark colored domestic goose, usually an African or Toulouse. The gander

will mate equally well with a white or light-colored goose, but the progeny would be very liable to be marked with more or less light colored feathers, which might cause doubt upon the part of the dealer as to the genuineness of the breeding, and thus injure the sale when the bird came to be marketed. The gander has usually to be kept until two or three years old before he will mate, and probably for this reason the ganders bring a comparatively high price, good breeding birds ranging from ten to fifty dollars or more each. When a gander has reached the proper age for mating, a good sized, well bred African or Toulouse goose is usually selected for his mate. A goose two or three years old, which has already proven to be a satisfactory egg producer and good mother, is preferred, and the two should be confined together in some roomy yard provided with water and grass. It is better to get them mated during the autumn months, and to confine them in the field or yard which is to be their future home. This should contain a natural supply of water, as a spring-hole, small pond, or portion of a stream, if possible. Canada ganders have a very strong attachment for their mates, and will fight other ganders severely, especially during the breeding season. It is best, therefore, to have the different pairs sufficiently well separated so that their interests do not clash, as they are liable to injury in fighting. The eggs produced can be set under hens or other geese, so that as many eggs as possible may be obtained from the Canada gander and his mate.

Canada ganders are valuable as breeders for a much longer time than the ganders of domestic

breeds. One instance was brought to our attention where a Canada gander forty-five years old was still serviceable and in one season his progeny sold for the sum of seventy-five dollars.

Mongrel geese are almost never sold as green geese, being reserved for the Thanksgiving and Christmas trade. It is difficult to fatten them properly until the cool weather of fall, when they fatten readily, about the same course being pursued as in the fattening of other goslings. As a rule, they pick quite easily, and the flesh has a very handsome appearance, contrasted with the dark feathers. The feathers on the neck and wings are left, as in the dressing of green geese, and those upon the tail should also be left. If the wings are tied up with braid or tape, and the legs tied together underneath the tail, as the bird lies upon its back, the appearance is improved and the bird perhaps rendered more salable. Considerable skill is required, as well as patience and an abundance of natural facilities in the way of space and water supply, to successfully produce mongrels. The breeding stock is also an item of no inconsiderable amount, where large numbers are produced. It is a business which has to be gradually acquired and the details learned by experience in most cases.

(To be Continued.)

The 4th edition of James Rankin's Book,
**NATURAL AND ARTIFICIAL
DUCK CULTURE,**

is just out. It has been enlarged, revised and illustrated. A question bureau has been added, designed to answer all questions concerning the diseases, cure, management and feeding of the duck from shell to market. Price 25 cents.

Address H. B. DONOVAN, Toronto.

THE MANDARIN DUCK.

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

THE Mandarin Duck, or as it is sometimes called, the Chinese Teal, is the most beautiful known variety of the duck family. It excels in the richness of its coloring even the exquisitely beautiful Carolina Duck. This species is Chinese and was brought to England in 1850. It is not really known when it was first brought into Europe. It is of comparative recent date in the United States, but I am not able to state what was the date of its earliest importation. Several years ago I saw some Mandarins at the New York show, and for several years a few breeders have regularly advertised young birds for sale; but the breed must be as yet quite rare in the United States.

In its wild state it is strictly monogamous, and so far as I have been able to learn, domestication has wrought no change in this characteristic. Birds once mated remain faithful to each other "till death doth them part," unless man breaks up, by a summary divorce proceeding, their union. It is not always easy to remate pairs thus separated.

Like the Carolina, the Mandarin is a very small duck, and in these purely ornamental breeds, I prefer the smaller specimens, other things being equal.

I shall not attempt to describe the color and markings of this breed; words are utterly inadequate to convey to the mind the richness and variety of the coloring. Green, purple, cream-color, brown, claret, white, black, yellow, gray, blue, all these colors are found on the drake, and arranged so as to produce the most happy

effect. The Mandarin is a crested breed and the crest can be erected or lowered at will. Two peculiarities must be noted; the neck is furnished with a collar or ruff, somewhat resembling hackles, and each wing is provided with a peculiar shield or fan standing nearly erect upon the shoulder of the bird. Like the Rouen, the Mandarin drake moults his fine feathers, assumes temporarily the more sober plumage of the female, and after this period of humiliation, again resumes his gorgeous robes of state.

It is said that the Mandarin, as well as the Carolina, tends to increase in size under domestication. This is not surprising, if it be a fact. In the wild state the supply of food is not always abundant, and the young probably often have to go on short commons; while under domestication the supply of food is constant and abundant. The wild bird having full liberty, keeps itself constantly exercised,



MR. E. H. DONNELLY'S
SANDWICH
BUFF COCHON COCKEREL.
(Winner of First at Detroit, Mich.)

which is admirable for its health, but does not necessarily promote its growth. The domesticated bird takes less exercise, and the food goes rather towards growth than towards the caloric necessary to sustain almost constant movement. The more abundant and regular supply of food, coupled with less exercise, would, it seems to me, tend to increase the size of the bird in domestication.

But, big or little, the Mandarin's great beauty makes it worth while to secure its complete domestication. It is already more than half domesticated, and by breeding from the descendants of the tame birds, each year will tend to obscure the wild instincts and substitute those of the domesticated state.

6000 FERRETS.

Pure blood furnished, not akin. Finest strain in the land. Bred from good workers. Small, medium and large breeds. Trained. Will kill rats and hunt rabbits. Price low. Safe arrival guaranteed. Book "Care and Working," free. S. & L. Farnsworth, New London, O. 1199

Poultry from a Practical Standpoint.

CONDUCTED BY A. G. GILBERT, MAN-
AGER POULTRY DEPARTMENT,
DOMINION EXPERIMENTAL
FARM, OTTAWA.

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

THE DEADLY RED MITE.

A FARMER writes from Kings Co., N.B., "that for two years past his hen house has been infested with a white louse, or spider, which it seems impossible to exterminate. The insect is very minute and is found, in great numbers, in every part of the house. They seem to hurt the hens, which do not lay and look pale in their combs and they are light in weight. Death has occurred in some cases."

Evidently the red mites, which do their work at night, when they swarm on the fowls and suck their life blood out. When filled with blood the mites are red in color. On other occasions they are of lightish appearance. My correspondent was advised to place the fowls in other quarters. Then to remove all old nest-boxes, roosts, etc., and burn them. Afterwards to make up the following solution:

Corrosive sublimate 4 ozs.

Common salt 4 ozs.

Dissolve in 2 to 4 quarts of water. When completely dissolved, dilute to 25 gallons.

Spray thoroughly, with the above, every nook and crevice of the poultry house. Make a complete job of it. Be careful in handling the corrosive sublimate, for it is a deadly poison. Then thoroughly whitewash the house.

See that the hens have no lice, of any kind, on them before returning them to their quarters.

The above will not only kill the mites, but will most effectively rid the house of all disease germs.

A correspondent at White River, Ont., writes that although he lives in a scattered community that he finds a great demand for new laid eggs. In his own words: If I had 500 hens I would have no difficulty in getting sale for their product at 15 to 18 cents per dozen in summer and 30 to 40 cents per dozen in winter. He lives in a cold part of Ontario but with good management has found his white Leghorn pullets and year old hens to give him a very satisfactory output.

Eleven more fattening stations are being placed in different parts of the Dominion. Some are already in operation. To-day's newspaper contains the intelligence that the first lot which was fattened at Bondhill, Que., has been shipped to Liverpool, England. The birds were said to present a fine appearance. Do our farmers realize what the establishment of these fattening stations means to them? It means a sure and steady demand for chickens in great numbers and of superior quality.

A lady, who successfully manages her poultry, writes that after deducting cost of food she has found the cost per hen per year to be 75c. She also states that she had no trouble in receiving 35 to 40 cents per dozen, for new laid eggs, in midwinter, last season. She lives in the Ottawa valley, so I presume the figures were paid to her by Montreal dealers. The following are figures received by her, for eggs, during the past 4 months.

June, 16 cents per doz.

July, 18 cents per doz.

Aug., 20 cents per doz.

Sept., 25 cents per doz.

She adds that her customers are willing to pay four cents per dozen for eggs sold by her because "they can depend upon the quality and freshness of every egg." And yet there are many farmers' wives who take no interest in poultry.

A local newspaper has adopted the novel and praiseworthy plan of giving eggs from thoroughbred poultry and thoroughbreds as premiums to those who secure subscribers. The result is a demand for thoroughbred stock. Many holders of the utility breeds could not furnish birds enough last year. No doubt they will be better prepared this fall. And so poultry development goes on.

W. BARBER & CO.

Importers and Breeders of all kinds of

GAMES AND GAME BANTAMS AND FOX TERRIER DOGS.

OUR RECORD AT THE PRINCIPAL SHOWS:

Jan. 1891—New York. 18 firsts, 7 seconds, 4 V.H.C., 4 H.C., 3 ten dollars in gold, also 3 five dollars in gold. 1893—The World's Fair, Chicago. On 45 entries, won 33 firsts, 7 seconds, and 3 thirds. 1895—January—Buffalo, N.Y., 19 firsts out of 20 on Games. First on Game pen; also ten dollars in gold for best collection; also a good share of firsts on Bantams. 1898—January—The Ontario Show at London. We won more specials than all the Game and Game Bantam breeders, including the Champlon Game Cup, the Cham-

plon Game Bantam Cup, and a waggon load of other specials, too numerous to mention. 1898—September—The Toronto Industrial, 16 firsts, 14 seconds, 12 thirds and two medals. 1898—September—The Western Fair, London, 1st firsts, 12 seconds and 10 thirds. 1898—September—Ottawa Central Fair, 16 firsts, 14 seconds and 15 thirds. "Ontario," Toronto, 1899, 9 firsts, 13 seconds, 14 thirds, and 6 specials. At the great New York Show, 1899, 8 firsts, 6 seconds, 3 thirds, 4 fourths and 7 specials.

BIRDS FOR SALE AT ALL TIMES AND EGGS IN SEASON.

242 Queen Street West, Toronto.

FALL FAIRS AND SOME OF THEIR FEATURES.

IN the discharge of my official fairs in Town and Country to visit some of the smaller duties it has been a pleasure this fall. Numerous features made themselves evident. Some of them are: A decided improvement in quality of stock exhibited. The necessity of having the birds arranged according to breeds, uniformly cooped and comfortably housed made itself very evident. In some cases the poultry exhibit was out in the open fields, and the birds were exposed to heavy and cold rain. As a consequence the birds presented a miserable appearance. Indeed, they appeared to be suffering. In one instance was noticed a pair of bronze turkeys cooped in such a small box that their heads were doubled under their breasts. This was not only unnecessary but positively cruel on the part of the exhibitor. Large geese were also noticed to be cramped up in small boxes, evidently gotten hurriedly from a friendly grocer. The judging as a result was made more difficult and the carelessness or indifference of the exhibitor, in more than one instance, mitigated against him. Again the necessity of having competent judges was made very plain. Where there is competent judging the awards are, beyond cavil, grand object lessons. Where there is an incompetent man the whole becomes a miserable farce and the money of the association instead of fulfilling the good object intended is simply thrown away. More, the exhibitors of good birds become disgusted. In one case at Newington, Ont., a pair of white Leghorns were disqualified by the

judge, who knew his business. "Why are these white Leghorns disqualified?" The judge explained to the entire satisfaction of the exhibitor, who was an intelligent and reasonable man and who, I am happy to say, had won with other birds. The result of that lesson was that the farmer soon after bought white and brown Leghorn cockerels and a white Plymouth Rock cock of undoubted worth. As he said, "I am bound to have no more birds disqualified."

THE following extract from a letter written by a lady in Grenada, British West Indies, may be interesting to your readers, as showing what is being done in poultry rearing and management in that hot country: "I am rearing poultry chiefly for table use and to supply eggs for our household. We have the ordinary creole fowl. They lay well and soon fatten. When one of my own rearing weighs 3 pounds I can eat it with safety, but when I buy one of the same weight on the market, it invariably turns out to be tough, old age and full growth making it weigh the figures named. Numbers of persons here import Plymouth Rocks and Dorkings, but they are considered too valuable to kill. I have been very successful in poultry rearing. I find on reading your reports that I have been feeding according to your plan in many ways. I had, however, nothing to guide me but observation. What I want to know is whether I can get some breed other than Plymouth Rocks or Dorkings that will make as good

table fowls and egg layers. We live by the sea."

A correspondent would like to know if experience in crossing light or dark Brahma male with barred Plymouth Rock female has shown that the progeny are more likely to be females than males. His experience (limited) leads him to that conclusion. The experience of the writer does not point that way when the light Brahma male has been used. What do your readers say?

With us the fall weather is unusually fine and warm. Our hens have moulted out finely and are now looking resplendent in their new coats. What is better, they are laying well.



A BUFF LEGHORN EGG RECORD.

MR. DANIELS hands us the following record of a pen of this firm's buff Leghorns. During October, November and December there were ten pullets (no male) in the pen, after that date the number was reduced to seven. The hens were still laying well in September.

October	33
November	22
December	112
January	156
February	122
March	164
April	207
May	209
June	176
July	189
August	140

1530
or .25 dozen eggs at 20 cents
\$35.00



LIGHT BRAHMAS

FOR SALE

The entire stock and good will of the

MIDDLESEX POULTRY YARD FOR SALE

Consisting of seven cocks and 30 hens, which make up my five breeding pens for 1899, the result of 15 years' breeding. Any person taking the flock may have them at

Seventy-five Dollars

Also one 100-EGG VICTOR INCUBATOR and one 200-CHICK VICTOR BROODER for \$15. Having disposed of my business I am leaving Dorchester and the above will be sold without reserve.

H. W. Partlo, Prop. DORCHESTER, ONT.

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FREE

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

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

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| 1. Indian Game Pullet. | 7. Black Hamburg hen, "Perfection." |
| 2. Black Hamburg Cock. | 8. Buff Cochin Hen. |
| 3. Pair Frizzle Bantams. | 9. Silver Wyandotte Pullet. |
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| 5. Embden Gander. | 11. Single Comb Black Orpington Cockerel. |
| 6. Pair Pekin Ducks. | 12. Champion Black Langshan Cock. |

Price 25 cents for the set of 12, free by mail, or sent free for two subscriptions to REVIEW.

Address H. B. DONOVAN, Publisher, - 124 Victoria St., Toronto.



Single-comb Brown Leghorns, White and Buff Wyandottes, Houdans, Rose-comb White and Brown Leghorns, and Buff Plymouth Rocks. The largest stock of the above varieties owned in this country, and the records will substantiate the claim of SUPERIORITY AS TO QUALITY—not records made at the county fairs, but records made in the strongest competition at the greatest American shows—New York, Boston and Washington—where, in the past five years, my stock has been awarded 16 first, 60 gold specials, 13 silver medals, and 6 silver cups. The line of blood I am breeding and exhibiting has produced, and is to-day producing, prize winning specimens in every section of this country and in many parts of Europe. "Like begets like." Send for illustrated circular, giving full prize record of the leading and most popular strains of above varieties. Satisfaction is guaranteed.

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SCOTCH COLLIES and FOX TERRIERS.

JAMES FORSYTH, Riverside Farm,

Owego, Tioga County, N.Y.

Lock box No. 11.

BERNER'S

BUFF - LEGHORNS.

My Record at the Principal Shows
The last Three Years.

1897—12 firsts, 5 seconds, 3 thirds, Silver Cup and other specials at Cleveland, Ohio, Toronto, London, Ottawa and Woodbridge.

1899—9 firsts, 4 seconds, 3 thirds, and specials at the great Ontario, Industrial, Toronto and London, winning 3 firsts at each show. Some very good breeders and show birds for sale.

ADDRESS,

G. BERNER,

Box

367 Shaw St., TORONTO.

BARRED PLYMOUTH ROCKS.

In the pen a cock and four pullets, purchased and selected for me by the well-known poultry expert, Mr. Jarvis, of the Ontario Agricultural College, Guelph, who has also acted as judge for many years in the leading poultry shows of Canada and the United States. The Cock is Thompson, bred at Canton, Ohio. It won first as a cockerel. Again under Bridge it this year tied for first place for cock in very strong competition. One pullet took first at Canton, Ohio, the other was one out of the pen which took first for the best breeding pen. The cock was also pronounced by Mrs. Comyns-Lewer, editor Feather World, London, Eng., who visited the great Toronto Poultry Show this year, as the most perfect type of the Barred Rock she had seen on the American continent.

Settings: 13 eggs, \$3.

Buff Rocks, choice 13 eggs, \$3.

Address R. F. HOLTERMAN, Editor "Canadian Bee Journal," Brantford, Ont.



BIRCHEN AND WHITE GAME BANTAMS.

P. PROUD, IN FEATHERED WORLD.

THERE is no variety of Bantam, with the exception of Old English, that has grown more in public favour during the past two or three years than birchens, and this is not to be wondered at, for I know of no prettier or more taking bird than the birchen pullet.

Birchens have been bred and exhibited for many years, but it is only lately they have been able to make headway, and if persevered with, now that they have found favour, they have every appearance of being as fully established a variety as the duckwings and brown-reds from which they have descended. Birchens were obtained in the first instance by crossing a silver duckwing cock with brown-red hens, but at the present time they are bred true to colour from pure birchens. The birchen cock should resemble the brown-red in every respect except top colour and breast lacing—viz., where the brown-red is lemon the birchen should be silvery-white, the whiter the better, providing that the dark gypsy face is still retained, although it is a difficult point to obtain, the same depth of dark mulberry face colour in birchens that is found in brown-reds, simply because the variety has been obtained by a cross with

a red-faced variety. Still with perseverance and careful mating to breed out the defect it can be done, and has already been accomplished by one or two who have made this variety a specialty. The birchen pullet in body colour, face, head and eye and legs, should be identically the same as the brown-red pullet. The neck hackle should be a silvery white, with a narrow black stripe on each side of the white, and should be free from any other tint, such as lemon or straw, both being considered defects in birchens, but which will be found more or less in those strains which have been bred pure. Birchen pullets also have a great tendency to be dark-caped, i.e., the silvery hackle, which should be the one distinct colour from base to the crown of the head, becomes much darker or nearly black towards the comb; this should not be, as I pointed out in my remarks on brown-reds, and it counts heavily against the bird in the show-pen. Another weak point in some strains of pullets is the scarcity of lacing on the breast. I have seen some of the most typical-shaped, clear hackled pullets which have been thrown back for want of breast lacing. The breast should be well and distinctly laced from the throat almost as far down as the top of the thigh, but at the same time the back and wing must be free from lacing, which is not easy to secure, as only those who have bred them know. Of course, as I have just said, the want of breast-lacing will throw a bird back considerably in the eyes of a competent judge, yet it would not be so fatal as laced back and shafty wings, providing it was good in other points; and it would be as well for the young fancier to bear

this in mind when making his selection for the show-pen.

Another stumbling block in birchens is the colour of the eye, which should be dark brown, as near black as possible, although it is next to impossible to breed birchens as dark in the eye as brown-reds, but red eyes are certainly not to be countenanced, no more than a dark eye is in black-reds, yet birchens with red eyes are often found winning, but this is wrong, and should handicap the bird heavily in the show pen whilst light eyes put the bird out of the running altogether, the same as in black-reds or brown-reds.

In breeding birchens they must be mated up precisely the same as described in brown-reds. Should the young fancier be unable to procure birchens, which he should have little difficulty in doing, it would be advisable for him to get a brown-red hen or pullet, one heavily laced on breast preferred, and mate her to a silver duckwing cockerel; the latter can be obtained from any breeder who makes a specialty of breeding exhibition duckwing pullets, and such a bird can be obtained for 15s. or £1, simply because silver duckwing cockerels are useless in the show pen, but essential in the breeding pen. Still where birchens can be secured I strongly advise their use, in preference to crossing as above, as it is a great saving of both time and trouble.

Another variety that has come forward more prominently during the last year or two are whites, and, strange to say, these originally descended from brown-reds, and at the present day some strains of brown-reds will still throw whites. Although a very pretty

AMERICA'S CHAMPION

Blue Andalusians

Winning all 1sts and specials at America's two greatest shows in 1899, Ontario, Toronto and Madison Square Gardens, N.Y.

I have a choice lot of Yearling Cock Birds for sale, some with good show records, also a grand lot of young stock. Will sell cheap to reduce stock before winter sets in. Order now.

NEWTON COSH,

Box 218, Brantford, Ont.

variety, I don't think they will ever "take on" with the Fancy.

Whites can also be produced by breeding from the light lemon-colored piles, but it will take at least three years to breed out the lemon tint in the hackle. Still, as pale lemon piles are only "wasters" in the eye of the pile breeder, the foundation could be laid for little outlay. By breeding from lemon piles as near white as possible, and there are plenty of these to get, especially about August or September, when pile breeders will be glad to dispose of such at a low figure, the rich orange yellow leg so necessary in whites will be all the more readily obtained, as whites bred from the offshoots of brown-red are more or less willowy in leg colour, which is considered a defect in the show pen. Whites should be pure white in body colour, rich yellow legs and feet, also beak, face, comb, and eyes red. Willow legs a disqualification.

Whites can only be kept satisfactorily where the atmosphere is free from smoke, and where they can have free range on a good grass run. Kept under such circumstances they look very pretty indeed.

An extended experience in breeding white Game Bantams leads us to differ with Mr. Proud. We have never yet seen a combination of pure white plumage and bright orange leg in game Bantams. The best leg colour

appears to be invariably accompanied with poor yellowish plumage and vice versa. In breeding from light piles the colour in hackle is the hardest to get rid of and is liable to break out quite unexpectedly.

INSTRUCTIONS TO EXHIBITORS.

TO BE STRICTLY FOLLOWED.

DON'T send for a premium list till after date of closing of entries. Then kick, and kick hard, because the over-worked secretary did not send you one. Of course every show secretary should be a mind-reader, and should know the name and address of every breeder, alive or dead, in or out of Canada.

SEND your entries the last day or a few days later. Of course the secretary likes to get them all in a bunch. He has nothing else to do but work twenty-five hours a day for a few days. He loves this—and you!

SEND your entrance money fifty cents short so that the secretary may add this amount to the postal revenue in trying to knock it into your head that you are wrong. All poultry associations are rich anyway, and keep a special correspondence clerk.

MAIL your entries without fees, and write a few days later, saying you forgot them. Of course everyone believes you. Like the late lamented George Washington, poultry breeders never tell a lie.

SEND your birds to the show a day late, and ask to have the judging held back for them. You are the only one to be considered.

WASH them just the day before, and then kick because birds

in better fit win. "Condition don't make the bird nohow," so you say; but it helps.

LEAVE a few black feathers in, and then swear you were too honest to pluck them, and cuss "the dumb fool of a judge" for finding them out. He didn't find those you pulled.

TELL everyone around you it is the worst run show you ever saw, and the "judge" don't know a Polled Angus Brahma from a Shorthorn Cochin. He knows that, but it is well to impress it on his mind or after a while he might begin to think he knew something.

EXPERIENCE is nothing so you should keep on kicking. Ten years from now you will wonder why some one didn't slaughter you.

PULL the other fellow's bird out and show up what you think are its defects. He likes to have your opinion told to all around.

PULL out your own, and point out all the good points. It is quite unnecessary to show the pin-holes in the shanks, sunburn, faded legs, poor comb, white face, etc. Little things like these don't count—with you.

KEEP on kicking—kick anyway, kick on general principles.

H. B. D.

P.S.—Read this, and then DON'T.

ORCHARD SIDE POULTRY YARDS

500 Birds for Sale.

In White Plymouth Rocks, White Leghorns, Black Cochins, La Fleche, Golden and Silver Pencilled Hamburgs, Golden and Silver Polands, Black African, Golden Sebright Japanese and Buff Pekin Bantams, Aylesbury, Pekin, Cayuga, and Muscovy Ducks, White Holland Turkeys, Chinese Geese and Pea Fowls.

They are bred from winners at Toronto, Brantford, Guelph, Winnipeg, Brandon and other fairs. Prices reasonable to reduce stock.

C. E. SMITH,

500 Fairfield Plains, Ontario.

INCUBATORS AND BROODERS.



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

COLD A HINDRANCE TO GROWTH.

BY H. J. WOOD, HULL, QUE.

It is certain that there are many different foods for and systems of feeding young chicks, any of which, followed up regularly, will bring the chicks through the days of their chickenhood with quick growth and good health. Some systems designed to produce a meaty broiler at from eight to ten weeks of age, others calculated to bring the pullets to laying at from five to eight months; and that the designers of these different methods do have, all of them, great success, each with his own method, is a fact not possible to doubt, while, because of these successes, arrived at along so many different roads, each who so succeeds adds further to the bewilderment surrounding the question by proclaiming his or her method as the very best. Thus the very natural conclusion is forced upon us, who are merely seekers after truth, that there really is no best way of feeding young chicks; but the fact is that nearly every kind of wholesome food, with a little sound grain, enough clean water and a little grit, with clean, dry quarters, will surely bring the little things through babyhood, pullet-hood, etc., up to a mature and

respected age, and each one to their appointed end, whether the said end be the gridiron, the pot or the breeding yard.

Now, it is not my intention to waste any time by talking about our way of feeding, whether it be best or not, but to emphasize this truth, which, although a totally different question from that of feeding, will yet, if neglected, avenge itself by rendering all systems, even the best, of no avail; and it is this, if young chicks are to do well at all they must be kept warm; if anything were wanted to rub in this truth, surely it has been found in the weather that has been inflicted upon us this alleged summer, day after day of rain, followed by night after night of searching cold winds, just at the time the outdoor brooders and coops were full of young chicks. Of course those in the brooders were to a certain extent all right; that is, they were as much all right as would be young children for whom fresh air and plenty of exercise were necessary, but who were nevertheless obliged by stress of weather to keep to the house, with its confinement and comparatively poor air until a third, and in many cases half of their lives were passed. But as for those who, by reason of the rapid multiplication of their younger brethren and sisters, had been moved out into coops, which ordinarily were at that time of the year perfectly warm enough, but which this year were not so warm as to keep the chicks from crowding, and this being their (the chicks) only resource, they were not slow to avail themselves of it, to their great detriment; and I feel sure that it is no exaggeration to say that the whole of the birds raised

Des Moines INCUBATOR. THE BEST AND THE CHEAPEST.

95 per cent. hatches are often reported by those who use these incubators. The reasons for this record are absolute uniformity of temperature in egg chamber; correct instructions for operating; has fireproof lamp. A great mistake it would be to purchase an Incubator or Brooder without first getting a copy of our 118 pages catalogue. Send 3 cents for illustrated catalogue of Incubator and Brooder, Poultry and Poultry Supplies.

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Sole Agent for the Dominion

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In the country, village, or in the suburb money may be made in the poultry business by the employment of correct methods. You can't afford to keep your hens to hatch and brood your chicks. A better and more economical plan and one more certain of good results will be found in the use of the

RELIABLE INCUBATOR & BROODER.

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

RELIABLE INCUB & BROODER CO.,
QUINCY, ILL.

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WE WISH to inform you that we now have ready for distribution our new 72 page book "Pearce's Practical Points," being a compendium of all the most up-to-date information relating to poultry and its management, with which is combined a catalogue of our very complete line of Poultry Supplies. Send for a copy.

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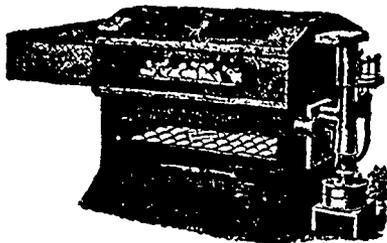
H. B. DONOVAN, - TORONTO.

by outdoor brooders in this part of the country this year or, indeed, I might say it of all raised in any way, will be much lighter than they would have been, and that eggs this coming winter from pullets will be much scarcer than they would have been if the nights in late spring and early summer had been only decently warm. Remember this—"paste it in your hat," as our friends over the border say—if your young birds are chilly at night—and I am speaking now of those old enough to cut their own grass during the day—they will crowd—bunch up all of a heap; and if they crowd at night they will not grow nearly as much as they should. It is said by many breeders that this chilling, and

consequent crowding, bring on bowel complaint. It may be so; very likely. I should think that it is so, although we have never observed such a result on our own place; but I am sure that we have many chickens now which will go to market at much less than their proper weight, simply because of the cold nights that we had in June and July, to say nothing of May. Food is, of course, necessary, as are water and grit, but all the food, water and grit in the world will not avail to put flesh on to the bones of a fowl that was chilled as a chicken; and because I am one of those who believe in the poultry business as a profitable means of livelihood and greatly dislike to see its reputation damaged by any

breath of slander, I would say to all those who at this time are puzzled by want of growth, droopy appearance, unaccountable sicknesses, etc., in their chickens, for which they cannot easily find a reason, consider the days of their youth. Were they ever chilled or so placed that they could not keep warm except by huddling together; if so, that is the reason for their want of vitality now. "Whatsoever a man soweth, that shall he also reap," are true words, and, although first spoken in connection with a matter vastly more important than poultry raising, yet have no truer meaning nor more certain fulfilment than when applied as a maxim by poultrymen to their own affairs.

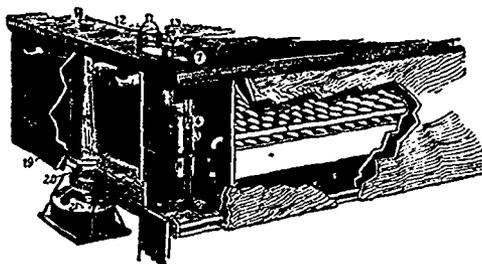
SOME OF THE RELIABLE INCUBATOR CO.'S (QUINCY, ILL.) "RELIABLE" APPLIANCES.



COMBINED RELIABLE BANTLING AND BROODER. 50-Egg capacity.

TO those whose necessities require but a small machine this is recommended. The makers say of it:

"This incubator and brooder combined has all the advantages of the larger machines. The surplus heat which escapes from the lamp is utilized in heating the top brooder. They are built in both hot water and hot air styles, and we ask our prospective customers to compare them with other makes."

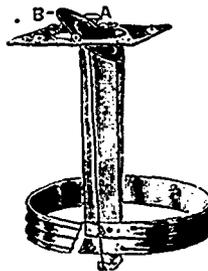


RELIABLE THERMO REGULATOR.

As the prices of these machines are low, they are within the reach of all.

The above cut shows a cut-away view of the Reliable incubator equipped with the improved Gem-Thermo regulator. This regulator

is claimed to be the most sensitive and accurate regulator ever invented. It works on the same principle as a thermometer, and will positively control the temperature of an incubator or brooder without variation. Set the regulator at the temperature required; it will do the rest. They furnish this regulator complete, for almost any make of incubators, and can furnish hundreds of testimonials showing it to be absolutely reliable and all they claim. Write them for circular and prices.



METALIC BROODER REGULATOR.

This cut shows the Metallic Brooder Regulator, which is prov-

ing so successful in controlling the heat of brooders. This regulator can be put on your brooder, and will control the heat effectually. It is made of brass and steel, and will not lose its expansive power like a rubber bar.

WINTER SHOW DATES.

The dates so far chosen that we can learn of are as follows. Show committees should try as far as possible to avoid clashing of dates as it must necessarily tend to lessen entries:

Guelph.....	Dec. 6, 7, 8.
Woodstock.....	Nov. 30 to Dec. 2.
Hamilton.....	Dec. 13, 14, 15, 16.
Ingersoll.....	Dec. 13, 14, 15.
Toronto.....	Dec. 19, 20, 21 and 22.
Petrolia.....	Dec. 26, 27, 28 and 29.
Stratford.....	Dec. 26 to 30.
The Ontario. Peterboro'.....	Jan. 8 to 12.
Owen Sound.....	Jan. 16 to 19.
Hanover.....	(Date not yet decided on).
Montreal.....	Jan. 17 to 22.
Galt.....	Jan. 2, 3, 4.
Brantford.....	Jan. 18, 19, 20 and 22.
Eastern Ontario, Ottawa.....	Jan. 2, 3, to 27.
Huron.....	Jan. 30, 31, Feb. 1 and 2.

Other secretaries of shows in Canada are requested to send dates.

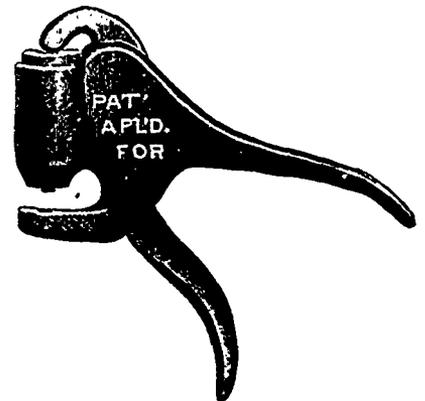
WONDERFUL - DOGS.

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THIS show was a great success, both in exhibits and financially. This latter we are glad of as it will encourage the directors to allot more cash toward the poultry department which was the most important part of the fair this season. The directors having provided a new building for our feathered pets, with stationary coops, and, as some put it, "just as good as Toronto," so you see we are not behind the age here. There were over 300 entries, in all, some very fine specimens being shown, and some poor ones.

Mr. A. Trivett won his share on his light Brahmas. Fred Hollingshead was right in it with golden Wyandottes. W. Stephens had a fine pair of buff Rocks. Thos. McHall had a fine showing of buff Leghorns. The writer had a walk-away in buff Wyandottes, also winning first on pair of buff Wyandotte chicks, all varieties of Wyandottes competing.

Mr. Bingham, of Stayner, judged the exhibit, and gave fair satisfaction to all. Birds were shown singly and in pens of four; also a class for chicks. This is a big improvement, and will bring out a big exhibit next year. The fancy is picking up in Newmarket. Mr. Geo. Davison, an old-time fancier, has just come to life, and bought a fine bunch of black Minorcas, Abbot strain. There is quite a rivalry as to who will have the finest Pekin ducks next show. Who will it be?

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POULTRY AILMENTS.

We invite questions and correspondence for this department.

POULTRY VERMIN.

AMONG the numerous enemies of the poultry yard lice are perhaps the most destructive and the most difficult to guard against.

The name as generally used is very comprehensive, including all the parasites that infest poultry, although differing materially in their appearance and habits. I do not propose to inflict upon my readers a long list of dry scientific names, but to talk in plain English about the lice that live on the hen and as found nowhere else. There are several kinds, but the remedy used is equally destructive to all.

I don't believe in fighting lice while there is a better way. Enough has already been written on that subject. My research and experiments with this class of lice have been on the line of extermination, and it seems to me that our poultry literature fails in its mission in advocating a lower standard. It is not supposed that every farmer will keep his fowls entirely free from all vermin, still it may be done, and the poultryman who feeds lice is behind the times.

I do not pretend that my method of exterminating lice is the only one, or even the best, but I have never known it to fail when thoroughly applied, and I give it, hoping that some who are tired of fighting lice may find a more excellent way. All I use is insect powder well worked into the feathers. I am aware that this has been done hundreds of times, and in a short time the lice were as

numerous as before. The reason is that the eggs remaining on the feathers hatch, and the same thing may be repeated indefinitely. Any good insect powder will do if it will kill every louse on the hen or drive them off.

The best thing I have found is "buhach," which is the pulverized flower heads of the pyrethrum plant. It is raised on the Buhach Ranch in Merced County, Cal. Persian insect powder is probably the same thing, but more expensive. Its use does not suspend egg production like grease or any kind of dip, and, being very light and fine, remains a long time on the feathers. I have tried certain lice-killers, but they are so heavy they soon fall off.

The whole secret lies in the time when it should be applied and the thoroughness of the work. First cover the dropping-board or floor, as the case may be, with air-slacked lime or wood ashes, and after the hens have gone to roost let one person hold the fowl by the feet while another rubs the powder well into the feathers, particularly about the head and in the fluff, holding the hen over a tight, shallow box or oilcloth to catch the surplus powder, then place the hen quietly on the roost so she will retain the powder during the night. If the work is well done the lice will either be killed or driven out to find a quietus in the lime, which should be thoroughly cleaned up next morning; also all dust baths replenished with new material, as there is a possibility of their containing live lice. The eggs remaining on the feathers will hatch in due time, which must be disposed of in the same manner before they mature to lay more eggs, which is not less than nine days.

and some kinds fourteen days. I have never succeeded in hatching any in less than eight days, and some kinds require ten days. So to be sure to catch them all dust the hens three times one week apart (four times would be better); that will end the war until you introduce strange fowls, which should be quarantined and treated in the same manner before being allowed to mingle with the flock. Never allow your neighbor's rooster to mate with your hens, which is a most fruitful source of contamination. It is plain to be seen that every fowl should be subjected to the treatment at the same time.

Some trouble, I admit, but it pays. This has nothing to do with "red mites" or skunks; they will get in their work just the same, but neither of them will produce lice. —W. S. Bouton, in *The Interstate Poultryman*.



COMMON AILMENTS OF POULTRY.

By W. M. FREEMAN, M.P.S.

DISEASES OF THE FOOD PASSAGES.

TO understand with what we are about to deal, it is desirable to glance at the organs which can be properly classified as the "food passages." First, there is the gullet or oesophagus, which carries the food from the mouth down to the crop. Second, there is the crop itself,

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which is, in reality, an enlargement of the gullet, where the food is subjected to a preliminary softening process; then the gizzard, where the food is assimilated by the action of the particles of grit which the bird has swallowed; and lastly, the intestines, whence waste products are carried off per rectum. I leave out of consideration the liver, spleen, kidneys and other contributory organs, as their diseases cannot well be dealt with here.

First and commonest of the ailments affecting the organs enumerated we have: Crop-bound, a condition in which, from some cause or other, the food cannot pass out of the crop. The cause is usually a mechanical one. I

have experienced it with my poultry when there has been hay about—they eat the grass seed and swallow more or less lengthy pieces of hay in doing so; I have removed solid masses of intertwined hay as large as tennis balls. Obviously, unless a fowl is promptly relieved of such an accumulation something baneful will happen. The plan I have found successful in treating crop-bound birds is to pour warm water down the throat, and after carefully kneading the mass, gently squeeze it out. This, if managed gently and patiently, will obviate the necessity of an operation. Not one case in a dozen really requires to be dealt with surgically, although most writers on the subject advise opening the crop.

Should ordinary measures fail this must be the last resort. It must be judiciously done, and then there is not much risk of permanent injury. The two skins, the outer skin and the crop-sack, must be cut straight through, and after the food has been carefully removed by a suitable instrument, and the crop has been syringed out with warm water containing the faintest trace of permanganate of potassium, each skin must be separately sewn up. It is of the greatest importance that everything used in the operation be rendered antiseptic. Therefore, carbolic acid ointment should be smeared on scissors, needle, and thread. After an operation the bird ought to be kept without food for three or four hours, and then only soft nourishment can be given with safety, and when corn is again supplied it must be well soaked for a day or two. An occasional small capsule of charcoal may be administered daily with advantage.

We now pass to the milder forms of crop trouble known as sour crop. This is purely and simply indigestion or dyspepsia, and varies considerably in degree. Sometimes a bird seems to be "off its feed," and its breath is unwhole-

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some, but otherwise it is in ordinary health. This is the simplest form of indigestion, and may not be of more than passing consequence. The worst form of dyspepsia is when a bird's crop is distended with watery fluid and gas. To remedy this give as much sulphate of soda (powdered) as will lie on a shilling; repeat the dose in four hours (the chemical may be dissolved in a little water and be poured down the throat). Do not give any food to the bird until the symptoms have disappeared. Then frequently supply soft food in small quantities, and a capsule of charcoal every five hours (which practically means three times a day). A bird that has once been affected in this way will be liable to recurrence at any time, and it would be best to get rid of it, unless it happens to be a valuable one. In that case it must be prevented from "stuffing" itself with food.

We ought not to overlook now that simple ailment for which there are plenty of remedies, i.e., ordinary constipation, or inactivity of the bowels. What are the best aperient medicines for fowls? I think Epsom salts is the best, while Cascara sagrada in small capsules

is often useful, especially if there be reason to suppose that a liver complaint exists. Castor oil should only be given in special cases when there is urgency or when the intestines need something in the nature of oil in preference to other purges, as, for example, in some cases of diarrhoea, and when a hen is egg-bound. Jalap, rhubarb, and calomel are also given. The latter I do not recommend, although a passing dose will often work wonders in cases of liver disease.

Let us now leave this, and go to an opposite extremity—diarrhoea and dysentery. The latter is the severe type of the former, and is certain to end fatally if not promptly checked. The causes of diarrhoea are various—a change of food or a feed of sour, unwholesome biscuitmeal may produce it. Indigestion, caused by want of suitable grit; or liver complaint, brought on by lack of exercise or by improper feeding; or inflammation of the intestines set up by disease germs, or by injury through the passage of some irritant, or by the presence of worms; or, in fact, any one of a dozen other causes may operate to set up relaxation. Cold is a prolific source of diarrhoea in chickens, and a spell of

wet, cheerless weather will play havoc with them if they are not well looked after.

But in any case it is safe at the outset to give the patient a dose of castor oil: this will clear away foetid matter, and may effect a cure. A little laudanum may be added to the dose of castor oil, say from one to three drops, according to age. I do not care for the strong anti-spasmodic doses generally recommended by advisers on poultry diseases, such as cayenne pepper, ginger and so forth. It is better to reduce the food supply, giving only a little oatmeal boiled with milk and frequent small doses of sweet olive oil, which will allay internal inflammation. If the purging is very violent a pill of chalk and powdered catechu (made into a mass with compound tragacanth powder), may be given every three or four hours. Chlorodyne in small doses may also prove effective, or instead of it, an eighth of a grain of powdered opium may be added to each pill. Any chemist of good standing would prepare pills to this recipe in a few minutes.

Here I may point out that fowls ought to be regularly supplied with fresh green food; if not they will

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If your fowls or pigeons have Roup, even if almost dying, give one Pill every day, for four or five days.

They are especially suited for Roup, Rousy diseases, Bad Moulting, Bad Fledging, Weak Young Pigeons, Chickens, Turkeys or Ducks, &c For general Unhealthiness in Birds, either young or full grown. Skin diseases, Inflammatory diseases, Colds, with great difficulty of breathing. Indigestion, Cramps, Pip, when apoplexy is feared, and going Light if given before the vital organs are too much affected. As a tonic give an occasional dose when required. For pain and Inflammation in the Egg-producing organs. When used for Egg-bound, oil must also be applied in the usual way. From weakness and prostration from overlayering. For Scour or Diarrhoea in Chickens, young Pigeons, Turkeys, etc. Canker. Leg-weakness.

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be liable to diarrhoea because of accumulation in the system which wholesome green meat would have carried off. A fat-forming diet, such as Indian corn, with which some people ply their birds early and late, is sure to end in disaster, and an attack of diarrhoea would be the first indication of the approaching end. Therefore, unless birds have a free grass run, they should have a supply of green food once a day at least. My own method is to give it at midday to birds in confinement. There is nothing better than freshly pulled grass; lettuce leaves, cabbage and the like are good, as are also succulent roots (so-called), such as mangold wurtzels and swedes.

Enteritis or Inflammation of the Intestines is distinguishable by the jelly-like appearance of the excreta, which are sometimes tinged with blood; the bird also has a shivery, pained look, and is very thirsty. The condition may be due either to the effect of some irritant

poisonous substance, such as unslaked lime, which the bird has picked up, or it may be of tubercular origin, and as such will probably end fatally. Tubercular disease of the bowels ("Tubercular enteritis") is more likely to be caused by drinking dirty water than in any other way, and it is desirable that poultry should be prevented as far as possible from drinking dirty water especially that which drains from manure heaps and the like.

It may be asked, How is it possible to distinguish between a case of poisoning and one of disease? The poisoning case would be more rapid in development, whereas disease creeps on more slowly, and the bird, instead of being taken suddenly ill, gradually wastes, and only goes into a rapid decline after plenty of preliminary warning. However, the cases need to be treated exactly alike. Emollients like sweet oil must be given, and whilst water ought to be withheld,

the sufferer's thirst can be mitigated by allowing it to drink of pearl barley water perfectly warm. When the bird gets better, if such good fortune attend the treatment, it ought to have doses of cod liver oil—preferably the capsules now sold in which a small dose of quinine is added to the oil.

Now a word about worms. Fowls often suffer from these, and very frequently seem little the worse for their presence. They indicate, however, an unhealthy condition, and ought to be cleared out at once. A three-drop capsule of extract of male fern (*Felix mas*), followed in half an hour by a purging dose of castor oil, will generally remove them.

So much, then, for the commonest diseases affecting the food passages. The article is by no means complete, and I have purposely omitted several matters—for instance, internal displacement—as being too abstruse for the average poultry keeper to deal with. The

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L. C. JARVIS, Judge.

J. W. KEDWELL, Secretary.

several ailments named above are, however, of frequent occurrence, and by following out my suggestions, especially in regard to feeding, much trouble may be averted. —English Poultry.

WIXON ON HIS TRAVELS.

Editor Review:

Perhaps a few notes may be acceptable. Firstly I may say I have not lost my interest in good bred birds and believe there are as good ones at "Homewood" this season as were ever there. I may also say that there is quite a boom in good birds of many varieties in our town. Our recent winter shows have helped us to know where we stood as fanciers and great improvements are seen all around by many of the fanciers of our pretty town. Not having been the rounds lately am not in a position to particularize but will

personally give us the visit promised long ago, and write the boys and their birds up yourself.

It has been my good fortune to be in and around the thriving town of Durham recently, and being thrown in contact there with some of the fanciers have had a very nice look around the place, and among their varieties. I tell you Durham is a live poultry town, and the seeming good feeling prevailing among the fanciers there is remarked by visitors. Through the kindness of friends Swallow and Knapp I was pretty well shown around.

Mr. Swallow breeds Houdans and white Leghorns. Chicks rather young to judge yet, but as his old stock produced high scorers last winter no doubt his youngsters will develop similarly this season. Mr. Knapp breeds white Leghorns, both rose and single comb, and among his youngsters are some very pro-

mising ones. His poultry house, though small, is very neatly kept and he is a real fancier whose heart is in his work. Mr. Leavins has brown, white and duckwing single comb Leghorns and white crested black Polands. His browns are showing well in fancy points and as he has a neatly kept and cosy place and gives his attention daily no doubt he will be heard from in these during the winter. Mr. Moore breeds brown Leghorns and barred Rocks. I was sorry not to meet this gentleman as I feel sure from his surroundings that he is a true fancier. His yards were roomy, birds nicely selected in separate runs and some really fine ones especially in chicks. Having heard previously of Dr. Holts barred Rocks, I was naturally anxious to see them, was fortunate in finding him at home and among his pets. His are to my mind the finest Rocks I have seen in Durham. He seems to

have struck the happy medium of, not too dark nor yet too light colour in them, and he has some good youngsters. I noticed a Leffell hen in his yards, of particularly fine type and marking, and as the Dr. is a great feeder no doubt his youngsters will be well up by show time. Mr. Brennan breeds Indian Game and has some finely laced birds in this variety. He has recently been ill and in a measure they have been neglected but he is getting a hustle on now and no doubt they will soon be in the pink of condition. Mr. Harvey has a few good Spanish and silver Wyandottes, also few white Rocks and Games, which were in good condition for time of year. My last call was on Mr. Brown who has a large stock of white Rocks, buff Rocks, partridge Cochins and Javas. The latter seemed to be his favorites and of them he may well feel proud for he has the finest colored ones I have yet seen and is keeping them well up in size. His poultry house is of good size and conveniently planned. He allows his birds free range over his large farm. It is a series of hills, some almost mountain like, and away over these we could see the birds roaming at will, and from this exercise he must surely get vigorous constitutions. Mr. Brown also has some choice trout, in natural ponds of pure spring water, at the base of these hills, that made my eyes fairly water as I saw them lying thickly in the clear water. He did not say so but no doubt he has it in his heart Mr. Editor to send both you and I a few of them next summer when the season is on, of course we would not expect it now as it is unlawful to either catch or have them in our

possession at this season of year and as we claim to be good citizens we must wait until next summer. Sec^d There are a number of other fanciers whom I had not the pleasure of calling upon as you know my time is not my own. I hope at some future visit to make their acquaintance. I find I am getting lengthy and as you always want the matter for the Review spicy and short I will close,

Yours, with best wishes,
F. WIXON.

Ing. roll.

HERE AND THERE.

Everything at present points to a most successful show at Toronto, and, whilst "the Ontario" of last year was a record one, the committee in charge of the present show feel certain of eclipsing even that.

Dr. Bell, the secretary, has returned from a trip among some of the American fanciers, and a large entry has been promised, especially in pigeons, and Toronto will doubtless hold a record show in this branch of the fancy. Whilst away he purchased wire coops for the pigeon department, which are up to date in every particular. The Barred Plymouth Rock Club are offering to members only a cup for the best cock, hen, cockerel and pullet.

The American White Plymouth Rock Club will also hold their annual meeting in Toronto during this show, and, as this is the largest specialty club in existence to-day, a very large entry is expected, and a large list of specials.

We are not privileged this month to give a list of the special prizes to be offered at Toronto,

but the secretary has shown us some that will no doubt prove a great drawing feature, and believe he has many more that will no doubt give to Toronto one of the largest winter poultry shows of this season on either side. In addition to the novice classes the committee will institute a "winners'" class in each class that is to be competed for only by the first prize birds in each class.

Mr. Jarvis takes the poultry at Hamilton and Mr. Wagner the pigeons. The dates are December 13th to 16th. We learn that \$100 worth of special trophy cups will be put up for competition in addition to the regular list and other specials. We hope to give fuller particulars in next issue. Entries close December 9th with the secretary, Mr. J. Peart.

Dr. J. S. Niven has returned from his visit to the "ould sod," but we have not yet learned what stock he brought back with him.

Kingston Fair, revived this year, resulted in a profit over all expenses of some three hundred dollars, so that next year we look for the Limestone City to resume her old place as one of the leading fall exhibitions.

BARGAIN SALES

All my Barred Rocks and Golden Wyandottes must be sold at once. Also 1 Buff Wyandotte Cock and 1 Buff Rock Cock. Both prize winners. 1 Silver Wyandotte Cock. A fine lot of Buff Rocks, and 8 White Leghorn Cockerels (Wychoff strain). A mated trio of Pekin Ducks—my best breeders; 3 imported Silver Gray Dorking Cockerels, and an excellent lot of Silver Laced Wyandotte Cockerels—a number of them imported direct from the best stock in England. Stock the best and prices the lowest for quality. Write quickly.

J. E. MEYER.
KOSSUTH, Ont.

GALT The Manchester of Canada, will hold their FOURTH ANNUAL EXHIBITION

(Under the auspices of the Galt Poultry and Pet Stock Association.)

Open to
the World.

In the Market Building,
On January, 2, 3 and 4, 1900,

Entries close
Dec. 30th.

We have added to our List and are giving lots of Specials.
All Birds to be scored by MR. L. G. JARVIS, Judge. For Prize Lists, etc., address

W. D. MCKENZIE, President.

1299

J. W. PORTEOUS, Secretary.

THIRD ANNUAL EXHIBITION

of the

Ingersoll Poultry and Pet Stock Association

To be held in the

Town Hall of Ingersoll, Ont., WEDNESDAY, THURSDAY AND FRIDAY,
December 13, 14 & 15, 1899.

S. BUTTERFIELD, London, Judge.

Many Additions to our Prize List.

Coops, Feed and Attendants Free.

We Pay all Prizes Before you go Home.

Breeders, be with us, as our Show takes place just before the Ontario, and by doing so you can tell exactly what to send there. Remember - No Exhibitor's name will appear on the coops till after the judge has finished. Send for Prize List. All birds to be in by Wednesday Afternoon.

Address all communications to S. A. GIBSON, Secretary, Ingersoll.

P. S.—This will be a Comparison Show this year.

1299

G. A. IONSON, President.

GUELPH, THE SMITHFIELD OF CANADA, WILL HOLD THEIR

Eighteenth Annual Exhibition

under the auspices of the

Guelfh Fat Stock Club and Poultry Association,

At the VICTORIA CURLING RINK, on the 6th, 7th and 8th of Dec., 1899

Open to the World. We have added extensively to our Prize List, for which we will pay liberal prizes.
Our Special Prize List will be one of the largest ever offered at any show in Canada.

Entries close Dec. 2nd.

For Prize Lists and particulars, address

JAS. MILLER, Pres.

L. G. JARVIS, Judge.

J. McCORKINDALE, Sec'y



PHILADELPHIA dates are Nov. 28, 29 and 30 and Dec. 1 and 2. The prizes offered are \$5.00 and \$2.00 for a \$2.00 fee, but there must be at least four entries to receive first money. The specials are many and valuable. Entries close Nov. 11th with the Secretary, J. Emlin Smith.

The judges at Philadelphia are: Wm. Ellery Bright, Boston, Mass., b. p. Rocks and s. c. br. Leghorns.

Geo. H. Northup, Raceville, N. Y., Minorcas, bl. Spanish, Javas, Andalusians, and Jersey Blues.

Irving Crocker, Seneca Falls, N. Y., Wyandottes, except white.

H. S. Ball, Shrewsbury, Mass., Langhans, bl. Cochins and white and buff P. Rocks; bl. Cochin, Japanese, bl. Tailed Jap. and Polish Bantams.

Chas. Eldridge, Rye, N. Y., Hamburgs, Polish and Red Caps.

A. A. Parker, Dunellin, N. J., Games and Game Bantams.

J. F. Crangle, Fisher's Island, N. Y., Turkeys and Water Fowl.

H. H. Bumford, Waltham, Mass., light and dark Brahmas; light and dark Brah. Bantams.

Geo. O. Brown, Baltimore, Md., French, Dorkings and Miscellaneous.

Chester E. Howell, Elmira, N.Y., Leghorns, all colors except s. c. brown.

C. F. A. Smith, Waltham, Mass., white Wyandottes.

T. F. McGrew, New York City, buff, partridge and white Cochins; buff, part. and w. Cochin Bantams.

L. P. Graham, Philadelphia, Sebrights, r. c. white, r. c. black and booted Bantams.



THE CHICAGO SHOW.

THE Fourth Annual Exhibition of the National Fan- ciers' Association of Chi- cago will be held Jan. 22 to 27, 1900, inclusive. If the new Coliseum Bldg., now in progress of erection, is completed, it will be held at that place. Arrang- ments had been made for the lease of the building previous to the deplorable accident the last of Au- gust. Work is now being pushed rapidly with the hope of its receiv- ing the finishing touches about the first of January.

A first, second, third, fourth and fifth prizes will be awarded in all poultry classes, and a first, second and third in all pigeon, cat and pet stock classes.

Cash prizes will be paid accord- ing to competition in poultry classes as follows:

12 entries: First, \$5; second, \$3; third, \$1.

8 entries: First, \$3; second, \$2; third, \$1.

4 entries: First, \$2; second, \$1.

2 entries: First, \$1.

Breeding pens:

8 entries: First, \$7; second, \$5; third, \$1.50.

4 entries: First, \$4; second, \$2.50; third, \$1.

2 entries: First, \$2; second, \$1.

The association will give a \$25 silver cup as a special prize for best displays in the following vari- eties of poultry: Barred Ply- mouth Rocks, white Plymouth Rocks, buff Plymouth Rocks, white Wyandottes, laced Wyan- dottes, light Brahmas, buff Co- chins, partridge Cochins, white Leghorns, buff Leghorns, brown Leghorns, Hamburgs, black Mi- norcas, exhibition Games, Game Bantams, Polish, bronze Turkeys, water fowls, black Langshans.

In addition the association gives a \$25 silver cup and \$10 in gold for the first and second best dis- plays in varieties of poultry repre- sented by a poultry club or asso- ciation, which shows its annual meeting in connection with the association show, and a \$10 silver cup and \$5 in gold for the first and second best displays in all varieties of pigeons represented by a club, which holds its annual meeting in connection with the association show. Other special prizes too numerous to mention at this time will be offered by various asso- ciations and individuals.

Messrs. Pierce, Russell, Bick- nell, Rigg, Taylor, Lowell, Wal- den, Healey, Brown, Clark, Pitkin, Damon, Greer, Foote, Ewald, Gil- bert and Whitman have been en- gaged as judges.

The prize list will be issued Dec. 1. It is the intention that all par- ties interested should receive one, but if by accident any should be missed, please write,

Respectfully yours,

FRED L. KIMMEY, Secy.

"REMEMBER PETERBOROUGH"

JANUARY 9th to 12th, 1900

THE Twenty-Sixth Annual Exhibition of the POULTRY ASSOCIATION OF ONTARIO

Will be held in Peterborough, Ont.

Open to the World Expert Judges Single Birds
\$1,500 in Prizes

Excellent Accommodation,

Coops, Care and Feed Furnished Free.

Entries Positively Close January 2nd, 1900.

Exhibitors must be Members. Member's Fee, \$1.00. Cheap Fares on R.R.

AMERICAN FANCIERS SPECIALLY INVITED.

Prize Lists and Entry Papers will be ready by December 4th.

J. R. STRATTON, M.P.P.,
President.

THOS. A. BROWNE, London,
Secretary

THE NATIONAL GAME AND GAME BANTAM CLUB.

THE National Exhibition Game and Game Bantam Club having as announced decided to hold its next annual meeting in January, 1900, at Chicago the National Fanciers' Association of Chicago has courteously offered the following prizes on Exhibition Games and Game Bantams:

A \$25 silver cup for the first and \$10 in gold for the second best display of ten exhibition Games; any ten birds competing, however, for either prize must be of one variety.

A \$25 silver cup for the first and \$10 in gold for the second best display of ten Game Bantams; in this

case any ten birds competing may be of one or more varieties.

No bird, however, will be allowed to compete for any of the above mentioned specials unless it is in competition in an open class with a bird owned by another exhibitor.

The regular cash prizes offered by the Chicago Association are many and liberal. This club will also offer very attractive specials, and it is hoped that a complete list of these can be published in the December papers.

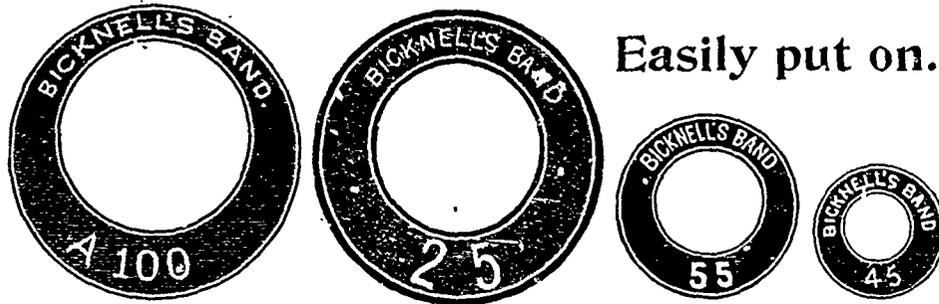
It will be seen that exceptional inducements are offered to Game and Game Bantam breeders to exhibit at Chicago, and it will also be worth their while to exhibit as members of this club.

Our by-laws provide that no new members shall be admitted during one month prior to an annual meeting, so any one wishing to compete for the club specials offered at our next show must join the club before December 22, 1899. The membership now numbers 41, and great interest in the club seems to be awakening among Game and Game Bantam breeders generally. We shall have a jolly and enthusiastic time in Chicago in January, and all Game men there will enjoy themselves better if they are members of this club.

The undersigned will cheerfully and promptly furnish all desired information regarding the club and its purposes.

J. C. PRATT, Sec.,
170 Adams St., Chicago.

Bicknell's Rubber Bands.



Easily put on. Don't come off.

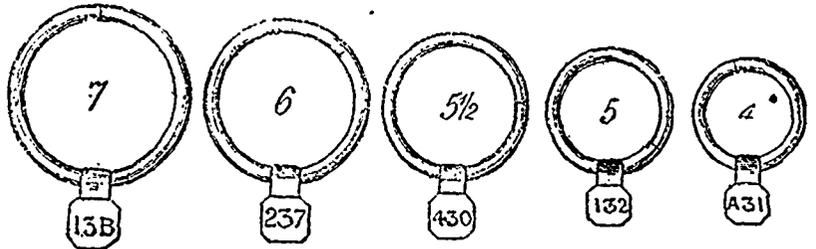
Prices:

Nos. A. 1, 50c. per doz., and
Nos. 2 and 3, 40c. per dozen

METAL LEG BANDS

STAY ON . . .
REQUIRE . . .

No Tools.
No cuss
words.
No Time.



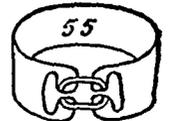
INSTRUCTIONS—To fasten the Marker on the bird's leg, push it to one side and close it in the same manner.
Do not open the ring by pulling it straight out.

Special Numbers or Letters to order.

-:- -:-

Price per Dozen, any size, 40 cents.

The "PEERLESS" LEG BAND

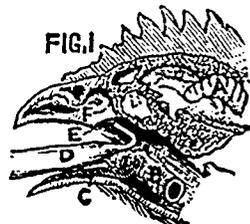


Made of Aluminum. Is Bright. Stays Bright.

This Band is light, neat and durable. It is easily put on, and it "stays on" SURE. To put Band on, place it around the fowl's leg. Press it together. Then take the small locking piece with slot in it and slip it over the parts of the Band that project outward. Then turn locking pieces so that slot runs in the same direction as the Band, i. e., horizontally. Then bend down backwards the two projecting pieces, flat with the rest of the Band. The Band is then on "to stay." This is extremely important, for it is most provoking to have a lot of birds scored and a week later find half the Bands off. To have the birds scored again costs money. The "Peerless" stays on. It CAN'T come off. PRICE, post paid, 30 cents per dozen. State breed and sex when ordering.

POULTRY Punches or Markers

Small size for Chicks and Bantams, large size for large fowl.
30c. each, 60c. pair, free by mail.



Roup or Poultry Syringe, 15c. each. Free by mail.

H. B. DONOVAN, 124 Victoria Street, Toronto.

MR. ESSEX LEAVES FOR THE U. S.

JUST as we go to press we learn that Mr. R. H. Essex leaves Toronto on October 31st, for Quincy, Ill., where he goes as sub-editor of the Reliable Poultry Journal. We regret his departure, as he does, but as the position is an excellent one financially, it has its bright side. We feel sure our readers will unite with us in wishing him all manner of success.

Mr. Essex will be obliged to dispose of a great part of his well known buff Plymouth Rocks, and doubtless they will be picked up readily. His regular ad. would contain this announcement, but the news was not received in time to change it, hence our noticing it here. Prospective buyers should write him for particulars at once.

BUFFS AT TORONTO SHOW.

Editor Review:

I WAS greatly amused in reading in the October edition, an article by "A. W. B.," (Dr. Bell of Toronto, I presume) on the judging of buffs at the Toronto Show. Particular reference was made to the first prize buff Cochin cock, of which I am unfortunate enough to be the owner. The way the Dr. described him, one would think that his eyesight was beginning to fail him, probably it is, if he finds fault with him now and not at last Ontario, last winter, for he wore

the same suit at both places, being in good condition still.

Now he is not as "red as fire," far from it. He may be a dark buff, but he is buff never-the-less and buff to the skin and buff all over, and of the same shade.

Now it is not my principle to praise my own stock at the expense of a fellow fancier's, but since the Dr. started it, I'll finish it, by just publishing just this one item. If the Dr. thinks his is a better surface color than mine, and I agree with him in that respect, what about the under color on his 2nd prize bird? It will stand a good cut, while mine won't. Where is his bird in shape compared to mine, and where was the tail of the Dr's. bird while at the Toronto Fair? He left it down in Kansas! All these points are taken into consideration when judging a bird, which Mr. Butterfield did I presume, and I think he knows his business. Thanking you Mr. Editor for taking up so much of your valuable space.

I remain yours in the fancy,
HUGH WYATT.

London, Ont.

It is due to Dr. Bell, to state that it was through a misunderstanding that his name in full was not appended to his letter, such was his intention. At any rate, "A. W. B." is no disguise.—*Ed.*

IF YOU WANT TO
BUY
SELL
. or EXCHANGE,
TRY AN AD." IN THE
"Review"

Results are Positive.

OHIO STATE POULTRY ASSOCIATION.

FIRST annual exhibition Columbus, Ohio, Jan. 18 to 23, 1900. The greatest show of the mid-west. Central location. Fifteen lines of Railways enter the city from all sections of the U. S., and represent every Express Co. The Exhibition Hall, the largest in Ohio, is only five minutes walk from Union Central Station, in the heart of the city, is on the ground floor, electric cars pass the door from all parts of the city. The promoters and officers represent the oldest and leading practical breeders in Ohio. Competition open to all. Breeders in Ohio and adjoining states will show their best to win at Columbus. Four leading American Poultry Association judges will make the awards, insuring prompt service and ribbons placed early. The best birds will win. Bear in mind that Ohio is geographically the Gateway between the East and West, and the banner State of the Union for number of poultry exhibitions. Remember the date, Jan. 18th to 23rd, 1900. Place, Columbus, Ohio. Address all communications to

CHAS. McCLAVE, Sec'y-Treas.,
New London, Ohio.

The Poultry Architect

An Illustrated Book of Plans and Specifications for building Poultry Houses, Coops, Fences, Roosts, Nest Boxes, etc. Price 25c., worth a dollar. Address—H. B. DONOVAN,
TORONTO, ONT.

HAMILTON and County of Wentworth Poultry, Pigeon and Pet Stock Association

... WILL HOLD THEIR ...

TENTH ANNUAL EXHIBITION

Bigger than Ever, and
Open to the World.

December 13 to 16, '99

L. G. JARVIS and CHAS. F. WAGNER, Judges.
Write for Prize Lists. \$100 worth of Special Trophy Cups
Entries Close Saturday, December 9th.

C. G. HENDERSON,
President.

1299

J. PEART, Secretary,
30 Pine Street.

GRAHAM'S GOLDEN WYANDOTTES AND WHITE LEGHORNS

Are as good as the best and better than most. Some good ones for sale now, old and young. Also for sale cheap, 3 white Wyandotte hens and 1 black Langshan hen. The latter a beauty.

A. W. GRAHAM,

Nurseryman,

St. Thomas, Ont.

Abbott Bros.

EAST OF ENGLAND LIVE STOCK AND POULTRY FARMS,

Thuxton, Hingham, Norfolk, England.

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

fancy and common English Pheasants. Messrs Abbott Bros. being frequently called on to judge at the largest poultry shows in England, have rare opportunities of purchasing for customers any variety of poultry which they do not keep themselves.

ALSO BREEDERS AND EXPORTERS OF THE MOST

Fashionable Hackney Horses

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

PURE BRED DAIRY SHORTHORNS AND RED POLLED CATTLE

THE OLD FASHIONED BOB-TAILED SHEEP DOGS.

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

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

POULTRY NOTES FROM PETERBORO'.

The local association here is now holding weekly meetings in order to get everything in readiness for the coming Ontario show; and we think the prospects look bright for a very successful meeting, and, although ours is only a very young association, we hope to be able to show that at all events we are lively and vigorous. Quite a number of our amateur fanciers have been attending some of the fall fairs with their birds, and have done remarkably well; and the fall fairs are, owing to the increased competition (thanks to the rivalry infused by the poultry associations) quite an improvement on the old fall fairs. In Peterboro' at the exhibition there were upwards of 500 birds, which were pronounced by friend Trew to be a great improvement in both quantity and quality to what were shown some time ago; but there is still room for improvement at these fairs in the way of accommodation for the birds. In this town they require a poultry building instead of cooping a lot of valuable stock under an old, open, leaky shed, with no one to care for them. Consequently a few choice specimens were stolen, a very annoying thing for the owners. They expected, as they were told there would be, that a night watch would be kept to look after the birds. An association which shows such carelessness should be called upon to pay for the losses, and then they would be more careful. There were exhibitors from Bowmanville, Port Hope, Lindsay, Ida, Lakefield, Norwood and Warkworth as well as our own local exhibitors.

Yours fraternally,

WM. COLLINS.



FOURTH ANNUAL EXHIBITION.**WOODSTOCK POULTRY & PET STOCK ASSOCIATION**

. . . WILL BE HELD IN THE . . .

TOWN OF WOODSTOCK ON NOV. 30TH TO DEC. 2ND, 1899.**Three Days.****. . . . Large Prize List and Specials.****EVERYBODY COME.****Judge: - - - MR. J. Y. BICKNELL, Buffalo.****EDWIN HERSEE,**
President.**R. W. WOODROFE,**
Treasurer.**1199**
W. H. WHITEHEAD,
Secretary.**FOR SALE AT YOUR OWN PRICE OR I WILL EXCHANGE**

for hens or pullets in Plymouth Rocks, Leghorns or Wyandottes. A good chance to get rid of your surplus stock or disappointments. I do not want exhibition stock, but merely stock to put on a farm. I have the following exhibition fowl I will exchange for any of the above varieties: Trio of Black Javas; pair White Minorcas, pair Andalusians, two pair W. C. Black Polands, trio Rose Comb White Leghorns, trio Black Hamburgs, pair Silver Sebright Bantams, trio Golden Sebright Bantams, trio Black Rose Comb Bantams, two trios Buff Cochins Bantams, White Cochin Bantam hen. Or in Pigeons: Pair White Dragons, pair Silver Dragons, blue

Dragoon hen, Yellow Dragoon hen, pair Yellow Turbits, pair Blue Turbits, Black Turbit Cock, red Turbit Cock, pair Archangels, pair blue Chequer English Owls, blue Ch. Eng. Owl Cock, yellow Jacobin cock, pair red Jacobins, pair black booted Tumblers, pair Nuns, two black Barb hens, silver dun med. face Antwerp cock, pair med. face Blue Beards.

It is impossible for me to give you a description of all these birds here, but shall be delighted to furnish any enquirer with full information, or will send birds to any reliable party on approval. Kindly state what you wish to exchange and the price.

A. P. MUTCHMOR,

162 SPARKS STREET, OTTAWA.

1299

BRANTFORD ASSOCIATION.

The Brantford Poultry and Pet Stock Association held their usual monthly meeting in the Court House on Friday Evening.

They had a splendid meeting; several new members were present, and all seem interested in the work of the association. Our President, Mr. J. C. Montgomery, gave a report of the meeting in Toronto of the Representative Poultry Association of Ontario, of which he was elected President, and if the ideas advanced there are but carried out their efforts are bound to be a success.

Our members report stock doing well and are looking forward to a very successful show, the coming winter, in preparation for which no effort is being spared.

W. W. TELFER,
Secy.**GALT'S ANNUAL MEETING.**

THE annual meeting of the Galt Poultry and Pet Stock Association was held October 13th, when the following officers were selected for the ensuing year: Hon. President, Mr. J. C. Dietrich; Hon. Vice-President, Mr. F. G. Hughes; President, W. D. McKenzie; Vice-President, Dr. Thompson; Secretary, J. W. Porteous; Treasurer, R. H. Marshall. Committee of Management—Messrs. Wolfe, Pullin, Thompson, Handley and Orton; Reception Committee, Messrs. Metcalfe and Porteous; auditor, Mr. J. M. Hood. We had one of the largest meetings in the history of the association, and the boys are bound to make the win-

ter show in January the largest and best we have had. We have an excellent building in which to hold a show—lots of room, also good light, and comfortable; and as we have always paid every exhibitor every dollar he has won on last day of show, we know of no reason why we should not have the hearty support of the exhibitors. Now every person come to Galt, the Manchester of Canada, and have a good time; and, of course bring your birds with you. Our show dates are January 2nd, 3rd and 4th, 1900, and entries close December 30, 1899. Write for prize lists to

J. W. PORTEUS, Sec.

P.S.—A full list and lots of specials.

THE TORONTO POULTRY, PIGEON AND PET STOCK ASSOCIATION.

THE regular monthly meeting of the above Association Hall, Thursday evening was held in Tempering, October 5th. In the absence of Mr. Bonnick, the President, the 2nd Vice-President, Mr. Mick, occupied the chair.

The minutes of previous meeting were accepted as read.

Owing to pressure of business, Mr. Bonnick requested the association to accept his resignation as President.

Mr. Donovan moved, seconded by Dr. Bell, that Mr. Bonnick's resignation be accepted. Carried.

Every member was very sorry to part with Mr. Bonnicks as no doubt Mr. Bonnicks was the means of bringing the Association to its present standing.

Mr. C. Mick was elected President by a unanimous vote.

Mr. C. Grimsby was elected 2nd Vice-President.

Mr. Brunskill, Mr. and Mrs. Jonson, Mr. Litser and Mr. Bessey were elected members of the Association

Mr. Donovan moved, seconded by Mr. Essex, that this Association join the Representative Poultry Association. Carried

Mr. Jas. Brown had on exhibition a nice pen of golden Polands winning all prizes.

Mr. W. Fox won on his collection of owls and Mr. Gore in Canaries took 1st, 2nd, and 3rd on Norwich.

Receipts \$5.95. R. DURSTON,
Secretary.

Announcement.

The Poultry Food Business, formerly operated by the York Chemical Works, will hereafter be conducted under the title of American Poultry Food Co. All communications should be addressed to

AMERICAN POULTRY FOOD CO., BOX 942, YORK, PA.
Send for Samples and New Price List. 1000

FULTON'S BOOK OF PIGEONS.

Reduced to \$5

Large full page engravings of all varieties.

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

H. B. DONOVAN, Toronto.

What the New Ads. say this Month.

In this column we note from month to month new display advertisements, changes for same and the advent of yearly "For Sale" ads.

C. W. Treadgold, whose ad. will be found in game column, offers a number of high class birds for sale in games and game Bantams.

J. Bedford has been breeding buff Leghorns since 1893 and has now bought all Mr. Bonnicks' well known buff Rocks. He has young and old birds for sale at reasonable prices. He has also bought the celebrated "Gold Bug" as the following certifies:

Buckeye Farm,
Austintown, Ohio, 9-22-1899.

To whom it may concern:

This is to certify that I have sold and delivered to Mr. J. Bedford of Toronto, Ont., the buff Leghorn cock, "Gold Bug" winner of first and gold specials at Boston, Washington and Hagers-town in 1897.

E. A. Phelps, Prop.

Bicknell & Whiting have an extra lot of good stock for disposal including black Minorcas, barred Rocks, black Javas and black Cochin Bantams. They will give special rates to buyers of large lots and guarantee satisfaction. Write them for prices and description.

W. A. Wilson has stock for sale in all his specialties and has some grand young Pekin drakes for disposal. See his ad. on third cover page.

Conkey's Roup cure ad. retains its place for another year. It is highly spoken of as a sure cure. Mr. Graham, the poultry manager of the Guelph Agricultural Farm is warm in its praise. Give it a trial.

Mr. Secker offers bargains this month both in stock and plant. Prices on the latter are below par but they must go to make room for increased plant.

Spry & Mick illustrate their attractive ad. with a photo production of the buff Leghorn, "Golden Boy" the cup winner. They can supply first class exhibition or breeding stock and agree to ship on approval so that you can see what you buy. The purchaser must of course pay all charges.

L. H. Davis, the golden Wyandotte specialist announces that he has a fine lot of cockerels and pullets for sale. He gives some of his wins at Washington, New York and Danbury, all big shows. First come gets first choice.

The American Poultry Food Co., now put out the goods formerly manufactured by the York Chemical Co. A price list will be sent on application.

C. E. Smith has a grand lot of young stock this season in his several varieties and to reduce stock will quote low. Look up card.

J. E. Meyer has bargains to dispose of in barred Rocks, Wyandottes, Dorkings, etc. He wants to sell quick. Write him.

L. H. Baldwin has standard laying and utility stock in white Dottes and white Leghorns, a winning team. Write him.

J. W. Kedwell has a novel way of announcing his for sale specialties each month. He has some bargains in buff Leghorns etc., this time. See front cover.

Fishers' Island Farm use some convincing arguments that their stock is of the right sort. They invite correspondence re prices. Ad. on page 2 of cover.

R. J. Taylor says he finds it pays to keep a continuous ad. in Review so renews his contract indefinitely. His specialty is the white crested black Poland, the "fanciers' fowl."

Jas. A. Livingstone has two fine buff Rock cocks to dispose of and also good white Leghorn cockerels. See his ad., top of page 2 cover.

William Thorn has bought all W. D. McKenzie's well known light Brahmas and has a good many to dispose of at bargain prices. He also has a number of other breeds that he will dispose of cheap for the next six weeks. It will pay you a drop him a line.

R. B. Millard, the Cochin man gives a list of some recent wins and tells of the grand birds of different breeds he has for sale.

For Miller's barred Rock record at Toronto London and Ottawa, see his new ad.

Hersees Reliable Poultry Food grows in popularity, it is well spoken of as is also his Eoultry Tonic. It may be had from dealers or direct from the factory at Woodstock.

Ulley's Wyandottes win. See his new ad. in Wyandotte column.



CANADIAN POULTRY REVIEW

IS PUBLISHED AT
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ADVERTISING RATES.

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Back and front cover pages a matter of special correspondence.

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

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

FOR SALE OR EXCHANGE.

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

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An advertisement of 27 words will be inserted EACH MONTH for one year in this column for \$2.50, paid in advance. Advertisements may be changed every month if desired.

This coupon is good for one advertisement of 27 words in the "For Sale and Exchange" column.

THE CANADIAN POULTRY REVIEW,
Toronto.

To meet the wants of advertisers who are continually using this column, and who find it a great trouble to be constantly remitting small amounts, we have adopted the plan of issuing Coupons (as above) good for 27 words each, 4 for \$1. Anyone buying these Coupons can use them at any time in lieu of money when sending in an advertisement. Not less than four coupons sold.

THESE RULES must be followed

1. Payment MUST be made in advance the amounts are too small to permit of book-keeping.

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

3. See that ad. is fully prepaid as per rate above.

4. Say plainly how many times ad. is to be inserted.

5. Give heading under which it is to appear.

6. Changes must reach us not later than the 15th. New advertisements not later than the 20th of each month.

Unless above rules are followed we cannot guarantee correctness.

Mr. J. H. Crayford Box 1169, Montreal, is our Agent and Correspondent for the Province of Quebec. Any correspondence relating to subscriptions or advertising may be addressed to him.

Enquiries not of a business nature must be accompanied by a two cent stamp for reply.

This paper is mailed regularly to its subscribers until a definite order to discontinue is received and all arrears are paid in full.

Andalusians.

A Grand Lot of Andalusians for sale, including all my winners at the late Weston and Woodbridge Fairs. I won every first and special for best exhibit, also winners in Spanish. J. Yates, Lambton Mills.

Books, etc.

Binders for Review—We can now supply neat binders for REVIEW, will take in a whole year, free by mail for 35¢. They are indispensable to those who wish to retain their copies neat and clean. H. B. Donovan, Toronto.

Brahmas.

Sherwood's Light Brahmas at Toronto. Fergus and Guelph single bird shows, won on 18 entries, 5 firsts, 7 seconds and 3 thirds, some elegant big cockerels, prize winners for sale reasonable. Sherwood Bros., Fergus, Ont. 1299

Bantams.

Game Bantams—For sale, our entire stock of Game Bantams, comprising 2 pairs stock birds (imported direct last May) costing \$400; blacks, reds, and Duckwings and 13 chicks, including winners at Toronto and Ottawa. Also some beautiful pit games, including pullets, 3 Toronto, 3 Ottawa. Every bird imported direct by me. Particulars apply. Book, Prescott, Ont.

Bantam Winners—White Cochins cock 9½, \$7.00, 2 hens \$1.50 and \$2.00 each. Black cock \$7.50, silver Sebright cock 9½, \$2.00, 2 golden cockerels, \$1.50 each. Rankin Bros., Owen Sound.

Prize Winners—A few choice B B red and Pyle Bant chicks for sale. At 1½¢, also some choice Hollanders, O. A. College Stock. Both old and young reasonable. Arthur W. Tyson, P.O. Box 492 Guelph, Ont.

For Sale—Black African, white, black and buff Cochins Bants. See REVIEW for prizes won at Brantford Southern Fair 1897. Brantford Bantam Yards, Niagara St., Brantford Ont.

Bantams, Black African, Japanese, old and young, at \$2.00 per pair, to 6 car prize winners. L. A. Haszard, Charlottetown, P. E. I.

Clearing Sale of Bantams—B T Japanese \$2.50 per pair or \$3.50 per trio, one pair of golden Sebrights, 1888 hatch, \$1.50, one pair of silver Sebrights, 1888 hatch, \$1.50, golden and silver Sebright pullets \$1.50 each, five pair of buff Pekins \$2.00 per pair, three white Cochins pullets \$1.50 each, black Cochins pullets \$1.50 each. Satisfaction guaranteed. Bert Hicks, Woodstock, Ont.

E. F. Murphy, Ottawa, Ont., has more first class rose comb black Bantams than any other breeder in Canada. His winnings last year included the Lord Strathcona Challenge Cup and the Smith Bantam Cup. If you want any of this variety write him for prices for trios, pairs and single birds. Enclose stamp.

For Sale—Some choice golden and silver Sebright Bantams, fowls and chicks, also a number of choice black Africans old and young. Wm. Stuart, Goldies Mills, Guelph.

For Sale—My entire lot of buff, white, black Cochins and white crested Polish Bants. Most of them are from Madison Square and Boston winners. Will be sold cheap to quick buyers. F. C. Stone, Prescott Ont.

Cochins.

For Sale—30 Partridge Cochins cockerels and pullets, large birds, all bred from a Wyatt cockerel. Above must be sold this month. My stock is up-to-date and I treat my customers fairly. Isaac J. Rank, Box 23, Tavistock, Ont.

Buff and Partridge Cochins and light Brahmas. Got the lion's share at Toronto, London and Ottawa again. Birds better than ever. 40 chicks for sale cheap. Stamp for reply. Address Hugh Wyatt, London P.O. 11&1

Cage Birds, etc.

A Parrot for \$5.00—A nice young Cuban, also double and single yellow heads, Macawito, Amazon, Dwarf and other parrots. Parquets and love birds at low prices. Hope's Bird Store, 109 Queen Street West, Toronto.

English Birds—Imported, Goldfinches, Linnets, Skylarks, Thrushes, Jays, Starlings, etc. Mocking Birds, Cardinals, Fancy Finches, etc., at Hope's Bird Store, 109 Queen Street West, Toronto.

For Imported Birds—Try Hope's Bird's Store, 109 Queen Street West, Toronto. Fine young Mocking Birds, warranted etc. a \$1 each.

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

Turkeys, Ducks and Geese.

For Sale—Emblem, Tomason Geese, white Holland, bronze Turkeys, white Plymouth cochenis. Dipoma and \$10 at Ottawa and Sherbrooke for best collection Turkeys, Ducks and Geese this last four years. A. Thompson, Allan's Corner, P. Q.

Dogs.

For Sale—St. Bernard pups, Plithmonn stock. Both sire and dam prize winners. Nothing cheap about them only price. Also 16 beautiful Collie pups, from imported sires Auchincloss Boy, Handsome Chris, and Strathcona. Full pedigree given. Price \$5 to \$10. Write for particulars. These pups are second to no pups bred in this country although low priced. Mrs. P. Hart, Belleville, Ont. 1199

Scottish Collie Puppies—A number of very grand ones, sired by imported Otterburn Conqueror ex my best imported bitch, that will be sold to bona fide poultry men and farmers at from \$10.00 to \$20.00, about a quarter their actual value; also a number of older ones. Apply at once to T. Y. Ford, Kingston, Ont. N.B.—This strain can be easily trained to take care of poultry, cattle and sheep.

Do You Keep a Dog?—THE CANADIAN KENNEL GAZETTE will tell just how to care for him, and will also give you all the news of the month, portraits from life of the best dogs living, and many other good features. \$1 a year 10¢ a copy. Address H. H. Donovan, Publisher, Toronto.

Imported Fox Terrier bitch, one year old, a beauty. For sale cheap. E. C. Parker, Compton, Que.

Seven very fine pure bred Bull Terrier dog pups for sale. Jas. A. Livingstone, Grimsby.

For Sale—Exhibition Games and Game Bantams, B.B. red and Pyles. I have a lot of grand young birds at reasonable prices, which are bred from the best imported stock. A. J. Grigg, Jeweller, Clinton, Ont. 100

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

Games at Starvation Prices—Irish Black Reds, Turnstones, Irish and Mexican Gray, Heathwoods, Cornish Indians and Ronen Ducks, circular free. C. D. Smith, Fort Plain, N.Y. 1299

For Sale—Having bought out W. J. James' stock of B.B.R. Games, and having more than I require will dispose of one dozen hens and also a number of young stock, at reasonable prices. J. W. Roberts, St. Thomas. 1199

Hamburgs.

I will sell heap or exchange for good double-barrel breech-loading shot-gun, or Winchester or Marlin Repeating Rifle, 32 or 38, five black pullets and cockerel, and three silver pencilled pullets, one cockerel. All of the finest. Write offers to F. C. Stone, Prescott, Ont.

Leghorns.

For Sale—25 pairs March hatched White Leghorn chicks. These birds are of splendid quality and of the choicest breeding and are well grown and in good form for the Fall Fairs. Geo. E. Lee, Highgate, Ont. 1296

Rose Comb White Leghorns—Cockerels, bred from my prize birds, for sale cheap. Wm. Dick, Echo Place, Brantford, Ont. 1199

White Leghorns—A clean sweep at Guelph Central Fair. I offer some of these winners for sale, in cocks, hens, cockerels and pullets. Eggs in season at \$2.00 per setting. Geo. Brierley, P.O. Box 237, Guelph, Ont. 1299

Leghorn Sale—To make room for young stock, I have for sale cheap, 1 S.C. white Leghorn cock, won 1st as cockerel (score 94 by Butterfield), at last Eastern Ontario at Brockville, 1 buff Leghorn cock, won 3rd as cockerel at Brockville; 6 hens of each variety, most of them prize-winners. S. N. Graham, 506 Princess St., Kingston.

Brown Leghorns for Sale—Some grand young birds, bred from our Ontario winners last winter, strong in color and lacing. Some good old birds for sale also. Dewar Bros., Milton, Ont.

Brown Leghorn Cockerels—1st at Guelph, have nothing but about 20 elegant cockerels, grandly striped in saddles and hackle, closing out this breed, also 6 choice 'Howell' pullet breeding cockerels. Sherwood Bros., Fergus, Ont. 1299

Maple Leaf Stock Farm, J. C. Dietrich, Prop. If you want some of the best black Leghorns in America write us, we can supply your wants in cockerels, pullets, hens, pairs, trios or breeding pens, not related. Address Wm. G. Lovell, Box 357, Galt, Ont.

Game.

B.B. Red Game Cockerels \$1.50 each, 200 stock; 20 prizes out of 24 entries at Halifax, 1899, in poultry and pigeons. L. A. Hazard, Charlottetown, P.E.I.

C. W. Trendgold, importer and breeder of exhibition Games, Game Bantams and fancy pigeons, has for sale a few high class birds at reasonable prices. Satisfaction guaranteed. Blenheim, Ont. 700

For Sale—Two Indian game cockerels, extra fine, \$5.00 for one and \$4.00 for the other. J. H. Parsons, Osaca, Ont.

Buff Lo horns—At Ottawa won 3 firsts and a third on four entries and at London, a first, three seconds and a third. All these winners at a bargain. Geo. W. Miller, 31 Askin St., London.

Langshans.

Langshans For Sale—See REVIEW for prizes won at Toronto and London. On eight entries at London won eight prizes. R. McCurdy, 176 Oxford St., London. 200

For Sale—Black and white Langshans, barred Rocks, white Wyandottes, white Cochin Bantams, Pekin Ducks. This is first-class stock, none better. See REVIEW for prizes won. H. Karn, Guelph, Ont. 1299

Langshans For Sale—1 cock, 4 hens, also young stock and prize winners wherever shown, and satisfaction guaranteed. E. J. Dewey, 200 Carlton St., Toronto.

Seven large, vigorous, shining, black Langshans; five pullets (about ready to lay) and two cockerels, the first \$10.00 takes them. L. H. Davis, Fort Jefferson, N. Y. 1299

Minorcas.

Norhu's 1898 Minorca Catalogue, the most complete ever published in descriptions, prices, 1000 winnings, new pictures of buildings and fowls, contains much information, fully indexed under 60 headings. Rose and single comb black Minorca cocks, hens, cockerels and pullets. Bargains. Geo. H. Northrup, Box 478, Racoville, N. Y. 400

To Make Room—Black Minorca cockerels and pullets from Sherbrooke and Ottawa prize winners, 50c up. Speak quick and get your choice. E. R. Frith, Maxville, Ont.

White Minorcas Exclusively—At late Industrial Exhibition, I won 3 firsts, 3 seconds, 2 thirds. Two trios for sale cheap. J. N. O'Neil, 53 Elm Grove, Toronto.

Pheasants.

Two Hundred Pheasants for sale. Ten varieties. Crowded for room. Canadian Pheasantry, Hamilton, Ont. 100

Plymouth Rocks.

Have two extra good buff Rock cockerels, one Saunders and the other Forsyth strains, for sale cheap or will exchange for females. J. E. Norris, Box 446, Guelph, Ont.

White Rocks—For sale, a few choice cockerels and pullets, April hatch, Rice strain. See REVIEW for prizes at the Southern Fair. W. F. Croley, Brantford, Ont.

Barred, Buff and white Rocks, cockerels, pullets and old stock, in barred, white cockerels and pullets. Eggs in season. Mrs. Logie, Box 51, Eglington P.O., Ont.

Buff Plymouth Rocks from grand stock. Will be sold cheap before cold weather sets in as I have only limited quarters. No old stock for sale. John A. Noble, Norval, Ont.

Poultry Appliances and Food.

Shipping Labels printed on red express paper, "Eggs for Hatching," 25 for 10c. "Live Fowls," double the size of others, 15 for 10c, free by mail. Use these and have your eggs and stock handled with care. Stamp for samples. H. B. Donovan, Toronto.

Silica Poultry Grit is guaranteed absolutely free from scales of mica and contains silica, oxide of iron, lime and magnesia. No oyster shells necessary. Acknowledged by all poultry men to be the best digestor in the market. In bags of 100 lbs. for \$1. Order from your dealer, or direct from us. Laurentian Sand and Gravel Co., 13 St. John St., Montreal. 200

Pigeons.

Pigeons, White Pouters and Fans, red winged swallows and Carriers, at \$2.00 per pair to clear 5 first prizes at Halifax, 1899, worth three times the money. L. A. Hazard, Charlottetown, P.E.I.

For Sale—First prize winners at Ottawa Exhibition, including pair white, pair silver Dragons and pair yellow muffed Tumblers. B. Webb, 180 Mutchler St., Ottawa.

For Sale—Some fine Homing Pigeons, bred from record stock, at \$1.50 per pair, or will exchange for other varieties. C. L. Mathews, Richmond, P. Q.

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

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

Jacobins, Pouters, White Fans—One hundred grandly bred birds for disposal at lowest prices for quality ever offered. Also a few pairs good black Magpies. Sure winners. Chas. Macsle, Box 202, Port Hope, Ont. 200

Prize Winners For Sale—I must part with the following much below their value. Pair black Owls \$1.00; pair Blondnettes \$5.00; pair Satinnettes and one odd cock \$6.00; twelve Magpies, black, red and yellow, the lot for \$15.00; Swallows, five blacks, two yellows, two reds, five blues, fourteen birds for \$30.00, not half their cost to me; fair blue Owl cock \$2.00; two grand yellow Turbil cocks \$3.00 each; two pairs long face black Tumblers \$2.00 pair. Any on approval where money is deposited and express paid. H. B. Donovan, Toronto.

For Sale—A few pair of nicely marked blue and black Pouters at \$2.00 a pair. Geo. Paine, 107 King St. E., Hamilton.

Bargain Day—Being overstocked, will give four pair flying Homers \$1.00, this month only. Have some fancy mice just imported from England. Jas. McLaren, Stephen St., Owen Sound.

Fancy Pigeons For Sale—Pouters, Trumpeters, Barbs, Dragons, Jacobins, Carriers, Fantails, Owls, Turbils, inside and outside Tumblers, Blondnettes, Satinnettes, Magpies, also Persian Guinea Pigs. Satisfaction guaranteed. Bert. Hicks, Woodstock, Ont.

Pigeons—Thirty pairs of Owls, Magpies, Fantails, Tumblers, Jacobins, & etc., must go at once, also two good show-cases. Homers of the best strains at 75 cents per pair, also Sebright Bantams of fine quality. W. Readwin, Guelph.

Sale or Exchange.

For Sale or Exchange—A number of homing pigeons, pure bred, choice birds, any color, or will exchange for pure Pouters, black pied or blue pied, or white Pouter pigeons. W. J. Gordon, Pickering, Ont. 200

Trio Buff Wyandottes, \$5-Buff Wyandotte and buff Rock cockerels \$1 and upwards; Golden Wyandottes to exchange for other varieties, make offers. Brown & Buchner, Kingsville. 1199

Sale or Exchange—One trio white Javas, one trio partridge Cochins, one pair barred Rocks, for good pair black Langshans or Pekin Ducks. Bowman Wright, Prescott, Ont.

For Sale—Some fine S.L. Wyandotte cockerels and pullets, A. C. Hawkus strain, or will exchange for light Brahma or S.C. Leghorn cockerels, must be A1 birds. S. F. McComb, Palmerston, Ont.

For Exchange—Smooth Fox Terrier Dog Richmond Jack, C.K.C.B., for five hens and a cock of some good breed of laying fowls, value not less than \$15.00. Cathcart Kenzie, London.

A Few choice S.C. brown Leghorns for sale cheap, or exchange for Parrot, S.L. Wyandottes or Bantams (not Game). L. V. Zavitz, Toronto Junction, Ont.

For Sale—Buff, white and black Cochins; R. C. brown Leghorns, golden and buff Wyandottes; from Pearl's diamond winners. (Wanted, silver Sobright Bants.) Wm. Daniel, Plattsville, Ont.

For Sale—One pair S. S. Hamburgs and three chickens, one pair buff Plymouth Rocks. Will exchange for white Wyandottes or black Langshan pullets. Cookshiro Poultry Yards, Cookshiro, Que.

For Sale or Exchange—W. and B. Leghorns, white and barred Rocks, one pair S. S. Bants, two pair B. Spanish (Henderson and Billings strain). All good stock. Took 79 prizes this fall, mostly all firsts wherever shown also black Java out. Want Houdans, B. Rocks, or offers. All birds guaranteed. H. Goddard, Listowel

For Sale or Exchange—S. C. W. Leghorns (Guelph hen and Peck cockerel, first and special at Guelph), S. C. brown Leghorns, prize winning birds. Pair of silver Wyandottes year old good stock. Want incubator. Year old silver Wyandotte hen, Hamburg cockerel, pair S. C. white Leghorns, pair of S. C. B. Leghorns. Sam'l Duppel, Listowel, Ont

Various

For Sale—Barred and white Rocks, silver and white Wyandottes, Leghorns, Hamburgs, Red Caps, Partridge Cochins, Black Spanish, Pekin, Rouen and Aylesbury Ducks; prices reasonable. R. & A. Lawrie, Wolverson, Ont. 100

For Sale—S. C. W. Leghorn cockerels, large vigorous stock. Unevalled laying strain. Pekin Ducks (Bankin Strain) very large. Prices reasonable according to quality. R. C. Allan, Coburg, 300

I have now for sale, some of the finest Cornish Indian Games in Canada. Also a few Barred Plymouth Rock cockerels. Order now. Eadie Gibson, Wheatley, Ont. 100

For Sale—Fourteen standard bred silver Wyandotte hens one year old, 75 cents each or \$7.00 takes the lot. Also a fine lot of rose comb brown Leghorns, prices low. See REVUE for prizes at Western Fair, London. Thos. McMillen, Asylum, London, Ont.

For Sale—April hatched black Minorca cockerels at one dollar each, white Wyandotte cock, 2nd prize, winner \$2.00, 1 buff Rock cockerel \$1.50 and white Rocks. W. J. Wilson, Amherst Park, Montreal, Que.

Parkhill Poultry Yards offer great bargains in poultry this month, quality considered. B and W Rocks, W. Wyandottes, black and S. S. Hamburgs, W. Leghorns, B. Minorca hens, Pekin ducks, Toulouse geese and bronze turkeys, right good ones. Write for and see. D. A. Graham, Parkhill, Ont.

For Sale—Black Spanish, silver Dorkings, silver Wyandottes, Pekin Ducks, Embden Geese. Won 81 firsts and 56 seconds at leading fall fairs. George W. Irwin, Seaforth, Ont.

For Sale—One so egg incubator for \$5.00 complete, in first-class order, reason for selling, getting larger one. Buff Leghorns cockerels and pullets, white Fantails, odd bird or pair. J. B. Woodhall, Box 91, Theford

Dominion Poultry Yards, have for sale, white Cochon Bants, also Andalusians, old and young, and buff Leghorns (Barnes' stock, Battle Creek). Pullin & Kerr, Box 279, Galt, Ont.

Manager Resigns—Dissolution follows—Everything must be sold within 30 days. White barred and buff Rocks, bred from the best strains in America. Black Minorcas, Adirondack and 1 fig imported strains. Partridge Cochins, Crystal Palace and Bell stock. 97 cockerels and pullets of the above at \$1.00 each. 33 yearlings, our last season's breeders, at \$1.00 each. Imported Rouen, Pekin and Aylesbury ducks, at \$2.00 per pair. Order at once as this is your last opportunity. The Gore Villa Poultry Farm, Stratford, P. O.

For Sale—Barred Rocks, dark Brahmas and brown red Bantams. All from the best strains in Canada and the United States. Carling Bros., Exeter, Ont.

For Sale—60 light and dark Brahma chicks, bred from prize winners also a few W. P. Rock cockerels, including 1st and 2nd prizes at Western Fair. Must be sold at once to make room. See REVIEW for prizes won. Chas. B. Gould, Box 365, Glenora, Ont. 1299

Are you ready?—It is time to see if you don't need some new blood in the following: B. B. Game, buff Wyandottes, B. P. Rocks and golden Polands. Write for prices. Frederick Field, Coburg, Ont. 100

Houdans, 1 Cock, 6 Hens—1st cock, 1st hen at Galt, 1st hen Guelph, the lot \$7.00. Buff Leghorns, 1st cockerel, 1st pullet at Galt, 1st pullet at Guelph in first pen Toronto, \$8.00. Buff Cochins, 1st cockerel and pullet at Guelph, and cockerel, 2nd pullet at Galt, \$4.00. Buff and black Pekin Bantams on a birds, three 1sts one and a choice lot of young birds at \$1.00 per pair. All birds guaranteed. W. J. Teale, Box 17, Guelph.

Home of the Buffs—200 gold nuggets. The best blood obtainable, of buff Leghorns, Rocks, Wyandottes, Cochins. These birds will be sold at \$1.00 each if taken at once. A number of imported cock birds at \$2.00 a snap. No calls at any price. If not satisfied money refunded. A. D. Stewart, Galt, Ont.

For Sale—Silver Wyandottes, white Wyandottes, Plymouth Rocks, Mareh hatch cockerels and pullets, bred from my prize winners. Also "fine crushed oyster shells," W. H. Uley, Victoria Square, Montreal. 1000

A Fine Lot of barred and white Rocks, also other varieties of fowl only \$1.00 each. Come quick. W. W. Reid, Agr, Ont. 100

Just think of it—White Leghorn and B. Minorca cockerels for only 75 cents each. Warranted to please. Don't wait. Sent at once. Perry F. Doupe, Kirkton, Ont.

Marshall & Cowan, Galt, Ont., have a few nice barred Rock cockerels and pullets for sale. Also 100 buff Cochins, grand show color June hatch, the price for \$5.00, pair duck wing Game Bants \$5.00, 3 yr. old Buff hen \$2.00. Money refunded if not satisfied. Address post office box 405

For Sale—My entire stock of partridge Cochins, silver Hamburgs, silver and golden Wyandottes, from \$1.00 up. Also good black Minorcas wanted. Alex. L. Campbell, Laggan, Ont.

For Sale—Buff, barred and white Rocks, black Minorcas, including some prize winners. Will sell cheap if taken at once to make room. Josiah McKay, Chatham, Ontario. 1299

For Sale—Prize winning stock, old and young, golden Wyandottes, G. S. and S. S. Hamburgs, a'no fine large Pekin Drakes, none better, and Tumbler pigeons. At our last show we had eleven entries, and took eleven prizes, 8 firsts and 3 seconds. Write for your wants, satisfaction guaranteed. W. J. Broughton, Newmarket, Ont.

For Sale—White Minorcas, Abbott Bros and Scott strain, single comb black Minorcas, black Langshan and white Rocks, from best status, cheap if taken at once. Geo. E. Barclay, Poplar Hill, Ont.

Bell-Tolton Bronze Turkeys, \$4.00 per pair. Brown Leghorns, silver gray Dorkings, and Pekin Ducks, \$2.00 per pair. Wm. Cullis, Powles Corner, Ont.

For Sale—Six S. C. brown Leghorns, pullets and one cockerel, two white S. C. Leghorn pullets, two silver Sobright cockerels (parents scored 95.12 and 95.14 by Butterfield); two golden Sobright hens (grand ones). These are all first class show birds and will be sold cheap to make room. S. A. Gibson Ingersoll.

For Sale—A well matured pen of black Hamburgs, all exhibition birds, also five black Cochin Bantam cockerels. W. Elliott Oshawa, Ont.

For Sale—Twenty Rotten drakes large and well marked, 200 barred P. Rocks, cockerels and pullets. Unlimited range, consequently large and healthy stock. Allin Bros., Box 20, Newcastle, Ontario.

All Varieties of Polands, Hamburgs and Leg horns, Houdans, black Langshans, white Turkey, Aylesbury Ducks. Quality and price right. Wm. Carter, Constance, Ont.

\$1.00 each—Barred Rocks, silver Wyandottes, Cornish Indian Game, golden Hamburgs, brown Leghorn, golden Sobright Bants, Pekin Ducks, Hares fifty cents, two red Game hens \$3.00. James Motheral, Plattsville, Ont.

Buff Cochins, White Rocks, Buff Polands—Prize winners wherever shown. 100 to choose from, satisfaction or money refunded, and express paid, buy now. C. J. Elsele, Guelph. 20

Now is your time to secure birds for the winter shows. We have them in white Wyandottes, white Minorcas, white and brown Leghorns. Old and young at reasonable prices. Satisfaction or money refunded less express. Mehl Bros., Constance.

J. H. Parsons, Owen, Ont.—Breeder of Cornish and white Indian Games, buff Rocks and buff Leghorns. Stock for sale. Exhibition birds a specialty.

White Wyandotte and B. Rock cockerels, also my entire stock of Pekin Ducks and Toulouse Geese. Cheap for quality. Mrs. McGregor, Davisville P. O. Ont.

Wyandottes.

White Wyandottes—A few cocks at \$5.00 to \$10.00 each. Cockerels, good ones, any quantity at \$2.00, \$1.00 and \$5.00 each. Also pullets and yearling hens. Quality always right. Chas. Massie, Port Hope, Ont. 100

Jas. Arthur, breeder of silver laced Wyandottes exclusively. My birds win wherever shown. Young birds for sale after September 1. Satisfaction guaranteed. James Arthur, 731 Lorne Ave., London, Ont. 100

Jacob Dorst, 563 Logan Ave., Toronto, breeder of S. L. Wyandottes. Stock for sale at all times; eggs in season, \$1.50 per 13, \$2.50 per 26. 1f

Buff Wyandottes—A grand lot of early cockerels and pullets to spare, nice even colored birds, also a few fine hens at \$2.00 up. Satisfaction guaranteed. W. Readwin, Guelph, Ont.

I have a number of G. I. Wyandotte chicks left. Will sell them for \$1.00 each. Also one yearling (Keller) cock, price \$2.00. James Ford, Drumquin, Ont.

For Sale—Golden Wyandottes (Magh & Graham); buff Rocks (Essex); white Rocks (Curby); buff Wyandotte; barred Rocks. Will sell cheap to make room. Wm. Cann, Plattsville, Ont.

Wanted.

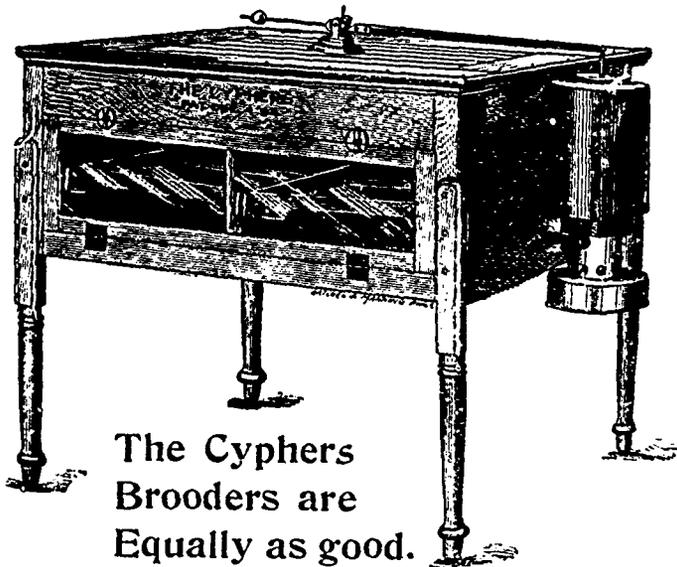
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