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# THE CANADIAN Poultry REVIEW

DEVOTED TO THE POULTRY, IN ALL ITS BRANCHES

FOR THE FANCIER, THE FARMER AND THE SMALL BREEDER.

Vol. XXIII.

124 VICTORIA STREET, TORONTO, MAY, 1900.

No. 5

## NOTES AND COMMENTS

THE usual make-up of the Review is a little changed this month, to permit of the printing of several important articles which have been in type for months, but have been excluded by the pressure of other matter. We think, however, that our readers will unite with us in saying that this is "a good number."

The London Poultry and Pet Stock Association has shown its loyalty to the Empire by donating \$10 to one of the patriotic funds for the boys in South Africa.

Mr. Sharp Butterfield completed his judging season at Cairo, Mich., a couple of weeks ago. He officiated at over thirty shows the past season, and has been asked to give dates for nearly 100 the coming season.

The Ontario Agricultural College, Guelph, phoned Mr. Daniels a few days ago for a 220 egg Cyphers incubator. Mr. Graham evidently likes the machine.

A line from Mr. Dewey, the genial Toronto Association secretary, informs us that at the last meeting the very general report was "very few early chicks."

I want to congratulate you on the great improvement you have made in your Review, and I am sure it must be very encouraging to you, for the great quantity of ads. you have proves a large circulation. Yours truly,

S. BUTTERFIELD.

London, April 5, 1900.

The poultrymen of Winnipeg have organized a Winnipeg Poultry Association and have made application for affiliation with the Manitoba Poultry Association. We understand their application was accepted. The officers elected are as follows: Honorary President, Hon. Hugh John Macdonald; president, George Wood, Louise Bridge; vice-president, Wm. Rutherford; secretary-treasurer, George Harcourt; executive committee, Messrs. J. E. Munroe, King, Webb, Aldritt, A. Mitchell and R. J. Hinds.

Mr. A. G. Gilbert was in Toronto on April 26th and 27th, investigating the cause of poor hatching during the past season. It does not appear to be confined to any one district, but the complaint is general. Mr. Gilbert also visited Mr. Graham, at Guelph, where the same wail is heard "no early chicks."

Accompanied by Mr. Graham, Mr. Gilbert visited the plant of the Toronto Poultry and Garden

Produce Co., where he reports the stock looking in splendid shape, strong, hardy and vigorous. About two thousand five hundred chicks were in evidence. For some time here the hatches have averaged remarkably well, a recent test giving but nineteen clear eggs out of a total of 203. Besides the manager, two men and a boy are at present employed on this great plant.

We are glad to know from Mr. Essex that he is enjoying life in his new location at Quincy, Ill., and that his interest in buff Rocks is as strong as ever, in fact by a recent catalogue of unique design received from him, which, by the way, he will be well pleased to send enquirers, we should surmise that his "fever" had increased rather than shown signs of any abatement. Mr. Essex has been a loyal subject of the buff Plymouth Rock and has bred them good enough to win for many years.

The Government Farms at Ottawa and Guelph have respectively purchased fine breeding barred Plymouth Rock cockerels from Mr. Geo. W. Miller, of London, to improve their flocks of this sterling breed. In the case of the Guelph farm, the cockerel was purchased to replace a famous New York winner that was not giving satisfaction.

**\$2.00**  
 Will buy a setting of 15 eggs  
 from pen of seven  
**IMPORTED BLACK MINORCA**  
 hens, which were imported direct  
 from three leading breeders in Eng-  
 land and average 7 pounds each pen,  
 headed by grand large cockerel I  
 purchased from Andrews and Santee,  
 of Canadaigua, New York winners.  
 This is a grand pen and should give  
 excellent results.  
 C. A. MAYHEW,  
 Merchant, Thamesville, Ont. 500

**Elmvale Farm** Norwood, Ont.,  
 W. H. Brethlen & Sons.  
 Proprietors.  
**CHALK-WHITE } Leghorns, S.C.**  
**Wyandottes.**  
 Eggs for hatching \$2 per setting. Leghorns,  
 1st cock, "Big Ontario," '99. Woodstock and Ingersoll  
 mated to win females at Ontario, Owen Sound  
 Eastern Ont. (Ottawa). Wyandottes, 1st cockerel,  
 Eastern Ont. (Ottawa 1900), mated to imported  
 Duxton hens and Masie-Duxton pullets. Best  
 and write us before placing your order. They are  
 winners every time. Box 123, Norwood, Ont. 500

**White Rocks, Buff,**  
**White and Golden Wyan-**  
**dottes, Buff Leghorns,**  
**and White Fantail**  
**Pigeons**  
 Stock as good as the best, from prize-win-  
 ners. All birds.  
 Eggs only \$1.00 a setting.  
 J. B. WOODHALL,  
 500 Thedford, Ont.

**Farmers**  
 Have you ever threatened to  
**"SHOOT THAT TREE AGENT"**  
 if he ever showed up on your place  
 again?  
 There are hundreds of farmers all  
 through this country that in the early  
 days have planted trees which some  
 unscrupulous tree jobber sold him for  
 first-class winter fruit that after years  
 of patient toil and care turn out to be  
 worthless crabs or naturals. You have  
 all seen those cases. There is now no  
 necessity for such a thing. You can  
 get  
**TREES OF ALL DESCRIPTIONS**  
 (fruit and ornamental), that are guar-  
 anteed true to name and first-class in  
 every respect. Write for catalogue.  
 Good opening for respectable men  
 only, as agents.  
 ADDRESS **E. D. SMITH,** (Established 1886,  
 400 acres in extent.)  
**HELDERLEIGH FRUIT FARMS NURSERIES, WINONA, ONT**  
 300

Mr. W. M. Anderson, Palmer-  
 ston, is leaving shortly for Spo-  
 kane Falls, Wash., where he will  
 locate. He has disposed of all  
 his feathered and furred stock.  
 Of course the Review follows him.

Mr. L. T. McGiverin, Galt, has  
 bought from Rook and Co., Otta-  
 wa, the golden duckwing Bantam  
 cock, winner of 1st Boston, 1900,  
 2nd Toronto Industrial, 1st Ham-  
 ilton, etc.

Mr. Geo. W. Miller, London, has  
 subscribed liberally to the Jarvis  
 Testimonial Fund. If there are still  
 others who desire to do so, we  
 should hear from them prior to  
 May 15th, when the testimonial  
 will be closed and remittance  
 made to Mr. Jarvis.

Since last issue, news of a rad-  
 ical change in the status of the  
 Poultry Association of Ontario  
 has reached us. In the first place,  
 Mr. Oke has resigned the secre-  
 taryship and Mr. A. P. Westerv-  
 eld, of this city has been appoint-  
 ed in his stead. Mr. Westerveld  
 has had considerable experience  
 in similar positions and is now sec-  
 retary of the Dominion Cattle,  
 Swine and Sheep Breeders' Asso-  
 ciations. His headquarters will re-  
 main at Toronto, though the show  
 and convention will be perman-  
 ently located at Guelph, in connec-  
 tion with the Fat Stock Show, to  
 be held each year in the early part  
 of December. Permanent build-  
 ing will be erected and the com-  
 bined show should assume an im-  
 portance which it failed to reach  
 prior to this amalgamation.

We bespeak for the old On-  
 tario, which in the past has done  
 so much to advance the great pou-  
 ltry industry of, not alone the pro-  
 vince, but incidentally, through  
 the efforts of its members in breed-  
 ing and distributing high class  
 thoroughbred stock, to the whole  
 continent of North America, the

hearty support of old and new  
 breeders and we feel sure that a  
 great future lies before it under  
 the new conditions.

LESLIE, MICH.

A MEETING was called on  
 March 24th, at Leslie,  
 Mich., to organize a poultry club.  
 The object of the meeting was dis-  
 cussed at some length, after which  
 they agreed to call it the Leslie  
 Poultry Association. Rev. R. H.  
 Munro was elected president, Geo.  
 H. Randolph vice-president, E.  
 W. Potter secretary, F. E. Ran-  
 dolph assistant secretary, and J.  
 Cummings treasurer. It was de-  
 cided to hold a scoring matinee  
 the last week in November, with  
 James A. Tucker as judge. There  
 was a nice crowd present and a  
 considerable interest shown.

E. W. POTTER, Sec.

**McARTHUR'S**  
 (exclusively)  
**BUFF WYANDOTTES**  
 Winnipeg, February, 1900, won 1st, 2nd, 3rd  
 and 4th pullet, 1st hen, 2nd and 3rd cockerel,  
 2nd and 3rd cock, 1st, 2nd and 3rd pen. Sil-  
 ver medal for best exhibit in  
 American classes. Showed fourteen fe-  
 males; scores, 91 to 93 1/4. (Ask Butterfield  
 what they are like.) No stock. Eggs, \$3  
 per 15. Yards—724 Logan Ave., Winnipeg.  
 Address—  
 700 F. J. G. McARTHUR, Carman, Man.

**ANOTHER GREAT VICTORY!**  
 on  
 At TORONTO'S BIG SHOW, Dec.  
 1899, I won 1st cock, 2nd and 3rd  
 COCK- hens, 1st and 2nd cockerels,  
 2nd and 3rd pullets **BUFF**  
 ERELS, and 2nd and 3rd pullets **COCHINS**  
 brothers to also special for BEST  
 the first and CUP FOR THE BEST COLLECTION  
 special cockerel COCKEREL, At Tor-  
 onto, London and  
 Ottawa this fall,  
 I won 7 firsts,  
 4 seconds,  
 6 thirds.  
 Satisfaction guaran-  
 teed or money re-  
 funded. Write me.  
 C. A. Stewart, London, Ont. —1200

**Still they are Winners!**  
 During 1899 I won 350 prizes, making a grand  
 total of 4,450 prizes won by me. I can now supply  
 eggs for hatching from 40 varieties of prize win-  
 ning land and water fowl.  
 Eggs \$1 per 15, six sittings for \$5.  
 Eggs for incubators \$4 per hundred.  
 from grand pens of barred, white and buff Rocks,  
 also single comb white, brown and black Leghorns,  
 black Minorcas, partridge Cochins, and black  
 Langshans, in lots of not less than 100 at a time.  
 Birds for sale at all times. I can give you satisfac-  
 tion. Send for list of varieties.  
**W. W. RICH, Avy, Ont., Can.**  
 107

# A VISIT TO DENTONIA PARK.

THE PICTURESQUE FARM, RESIDENCE AND EXPERIMENTAL STATION OF MR. W. E. H. MASSEY

ON a bright, crisp day in late April, the editor of the Review paid a long deferred visit to Dentonia Park Farm, whose proprietor is Mr. W. E. H. Massey, president of the great Massey-Harris firm. We were, of course, interested most in the poultry department, but, piloted by Mr. F. H. Webber, who has charge of the poultry, all departments of the farm were visited, the immense barn, where long lines of blue blooded Jersey and Ayrshire cows were being milked by specially attired attendants, the hygienic dairy, where the most recent of modern appliances are used, the trout and carp ponds, fish hatchery and the hundred and one other departments which are here, each under control of a specialist in his particular work.

## THE INCUBATOR CELLAR.

Entering the poultry buildings, the first section we visited was the incubator room, which is really

but a quarter cellar, excavation being made for it on one side of a hill. Here are located four Toronto incubators, two Safety and one Cyphers, all of large size.



MR. F. H. WEBBER.

The Cyphers is a recent addition. Mr. Webber states that he

has no difficulty in retaining an even temperature in any of these machines and his endeavor is to run them at as nearly 103 degs. as possible, from the start. From this temperature he finds they will not vary more than from one to one and a half degs. He uses no moisture prior to May 1st, and but little later. His plan of supplying the moderate amount of moisture he does give is by using a small sponge dipped in water and held in a saucer. A sponge full, he finds, will last three days, evaporation being slow.

For duck eggs he uses no moisture, but dips them in water of the same temperature as the machine the night before they are due to hatch. In his opinion it is a mistake to wash duck eggs before placing them in the machines.

One test, at seven days, is made of the hen eggs, two tests of the duck eggs at seven and ten days.

## FERTILITY THIS SEASON.

The same complaint was found here that so generally prevails this season, namely, the large proportion of unfertile eggs and eggs with weak germs. The first hatch came off on March 21st, from 236



GENERAL VIEW OF THE DENTONIA POULTRY YARDS AND BUILDINGS.  
BROODER HOUSE HIDDEN BEHIND THE TREES.



DENTONIA INCUBATOR HOUSE.

eggs seventy-eight unfertile were removed and seventy chicks hatched, most dying in the shell at from eight to nine days development, though many ran to a later stage. Rather a peculiar incident was that a batch tested April 3rd were very fertile, another but three days later were not nearly so good.

The incubator house is 14 x 16

feet, of excellent construction and ceiled.

#### CHICK FEED.

H.O. food is used largely for the young chicks, in addition to a portion of bread and a Johnny cake composed of meals, meat, etc. mixed with milk and baked into scones. Mr. Webber is a firm believer in chopped onions as a valuable food for young chicks.

## THE POULTRY ARCHITECT.

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

### THE BROODER HOUSE

at which we briefly glanced, as it is not at present in use, is composed of a 12 x 24 feet centre for feed room, etc., and two wings each fifty feet in length. There are seven pens in each wing, with large yards attached and in addition extra grass yards, to which the chicks can be admitted for half a day each in turn. It is on the hot air system, connected with 600 feet of 1 1-2 inch pipe, with two to four vents for hovers in each pen.

The house is sheeted inside with matched lumber, and between sheeting and outside wall are three thicknesses of tarred building paper. The roof is a flat, gravel one.

### THE MAIN POULTRY HOUSE

is 175 feet long, 20 feet wide, and is divided by wire netting into fifteen pens. Roosts, platforms, nests, etc., are all movable, and we must here compliment the



BROODER HOUSE IN THE FOREGROUND, MAIN BUILDING AND PLANT FOR LAYERS ON THE CREST OF THE HILL.

manager on the beautifully clean appearance of the whole poultry department—it was more than clean, it was sweet, and free from any obnoxious odor. The house is a double-decker with scratch-

doors and cleated ladders. Runs are provided for each pen, varying from 16 x 200 feet to a quarter acre in extent, and are planted with plums and cherries. The dividing fences consist of one foot

and are placed under the drop boards. Self-feeding grit boxes and galvanized iron water vessels are in each pen.

The doors leading from the downstairs pens into the yard, by



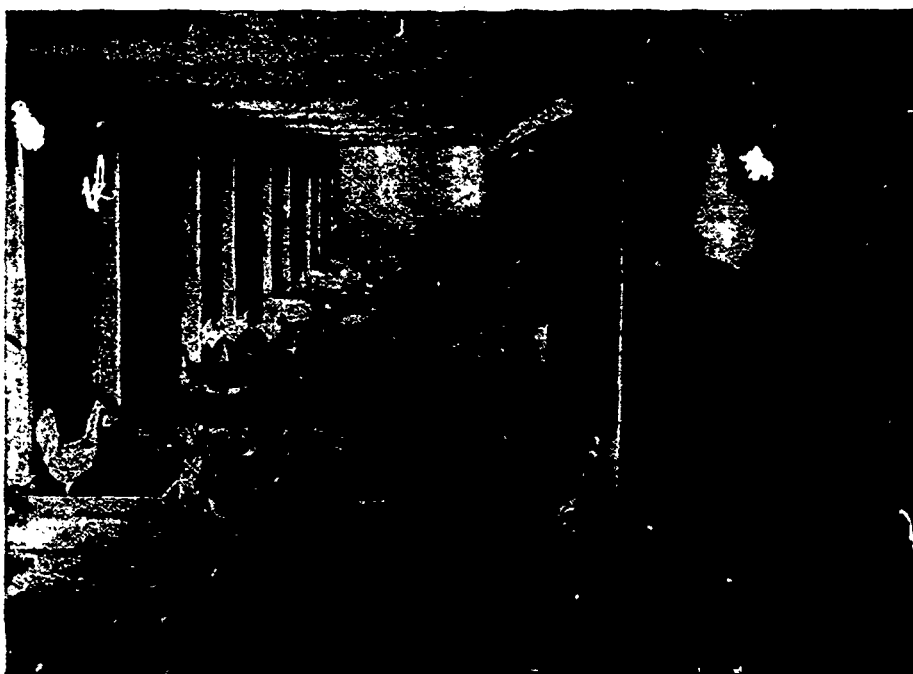
AISLE OF THE MAIN BUILDING FOR LAYERS.

ing pens underneath, which being but five feet in the clear, must entail an immense amount of labor that might be saved had there been room enough for a man to stand upright. The scratching pens are reached by means of trap

base board, two feet of one inch wire netting and four feet of two inch wire netting, or seven feet in all.

The nest boxes are easily got at from the passage-way which runs along the back of the house,

an ingenious contrivance can readily be opened from the passage-way upstairs. Slaked lime and occasionally land plaster are used on the platforms to catch droppings. In work of this nature, we should imagine, the services of a lad could



GENERAL VIEW THROUGH THE PENS—MAIN BUILDING FOR LAYING STOCK.



be utilized to advantage, as one man must surely have more than he can properly attend to in the work of such a large place.

#### THE CONSTRUCTION OF THE MAIN HOUSE

is as follows: Back, brick, other parts roughcast, with air space between walls. The floors are double with paper between. Building paper is freely used in all walls.

Amongst other details we might add the following: Grain bins are over head, from which shutles lead to the main floor; all labor done, as far as possible, by power supplied by wind-mill, such as chopping grain, cutting of straw for scratching pens, cutting green bone, etc.; frost-proof root house in basement for storing of beets, potatoes, mangolds, etc.; cooker for cooking soft food—Mr. Webber uses a barrel of skim milk every other day—in fact no modern labor-saver is missing.

A furnace, "Little Wonder," combined hot air and water, is used in winter to keep the temperature at as near forty to forty-five degs. as possible.

#### THE STOCK

on the premises, consisting of



DENTONIA MODEL ISOLATION DOUBLE PEN.

white, buff and brown Leghorns, white Langshans, black and white Javas, Andalusians, bronze and white Turkeys, Pekin Ducks, Embden Geese, etc., were all in the pink of condition, as they could not otherwise be in such quarters, and out of the entire flock we saw but one bird—suffering from a nervous disease—that looked in the least to be ailing. The quality of the birds is high, many winners being amongst them and their produce should prove of merit.

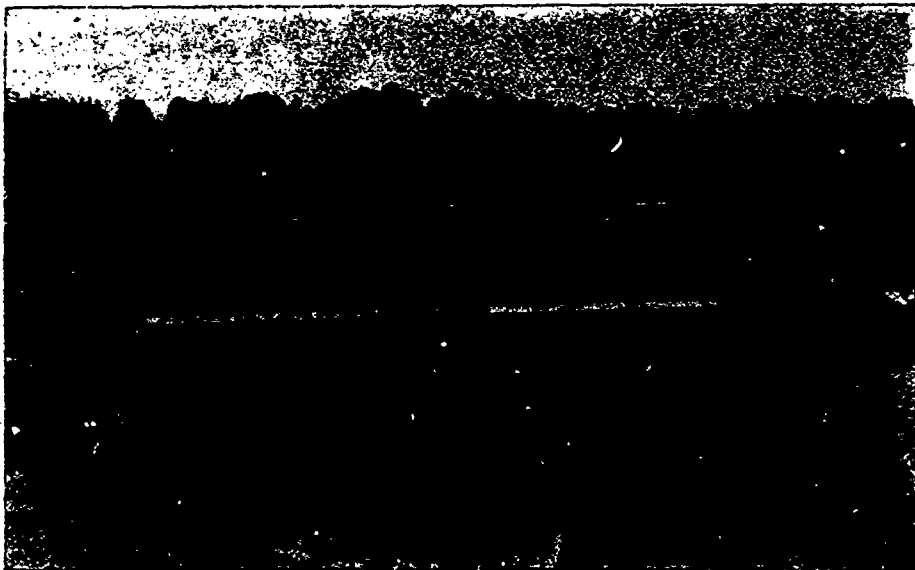
Mr. Webber finds the buff Leghorns and white Javas to be the best layers of large eggs, averag-

ing six or seven to the pound. The white and brown Leghorns he finds hard to confine.

In cross-breeding for eggs, Mr. Webber is trying white Leghorn—white Langshan cross and brown Leghorn—white Langshan cross. By this means he hopes to increase the product both in size and numbers.

#### FINALLY,

Dentonia Park Farm is pleasantly situated, is within easy access of Toronto, and we have the assurance that visitors will be made entirely welcome on any day but Sunday.



VIEW LOOKING SOUTH FROM ROOF OF MAIN BUILDING, SHOWING BROODER HOUSE AND LARGE FISH POND IN DISTANCE BEYOND.

## INCUBATORS and BROODERS.



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

### SOME CAUSES OF FAILURE IN ARTIFICIAL REAR- ING.

THE chief causes of failure in artificial rearing may be summed up under four heads, viz.: 1. Overheating. 2. Overcrowding. 3. Want of System. 4. Wrong feeding. I will take each in order, and will endeavor to point out the mistakes and how best avoided.

1. **OVERHEATING.**—Of all the causes of failure this is at least one of the most usual. When brought up under a hen, the chicks are accustomed to run straight out into the open air, and only resort to their mother when in need of warmth. Also, it must be remembered that a hen, when brooding chickens, does not sit closely upon them, as when hatching, so that the warmth beneath her does not approach anywhere near 104 degrees. Now in many of the fostermothers on the market we find a contrary state of things altogether. A heated chamber, kept far too hot and insufficiently ventilated; with an outer run, in which the enervating

chicks to herd together listlessly, instead of running about in the open.

But any well-ventilated and storm-proof fosters should be satisfactory, if properly looked after. In all cases plenty of light and air are necessary to success: there is no need to be afraid that the youngsters will catch cold, if they have a warm and dry chamber to resort to, but wet and wind must be guarded against. The temperature of the brooder need never exceed 80 degrees Fahr. for the first few days, and afterwards 75 degrees will be quite sufficient, with a slight rise in frost and decrease during mild weather. And the more chicks there are in the machine, the less artificial heat will be required; towards the end of April and later it will hardly be required at all after the first week or so.

I am accustomed to dispense with heat during the daytime when the chickens are about three weeks old (I am speaking of the early season now), and at about five weeks I abolish it altogether. With care in this and in other matters, it is not difficult to rear every youngster, if bred from strong and healthy parents.

2. **OVERCROWLING.**—Another fruitful source of failure. It is far better to rear ten really fine birds than twenty weakly ones, and as a rule those brought up in small lots (not exceeding twenty or thirty) do the best. When only a few are kept in each fostermother there is less danger of crowding and the consequent crushing of the smallest, and each one gets its proper share of heat and fresh air. No doubt the vitiated atmosphere has much to do with the failure of large batches; and, curiously enough, lamp fumes, if properly carried off by ventilation, seem to have a less deleterious effect than the fumes from a large number of chickens themselves. The evils of overcrowding, how-



## SAFETY Incubators

are warranted self-regulating, self-ventilating, to supply their own moisture, and to be absolutely Fire-Proof. The SAFETY LAMP for 1900 is the best and SAFEST ever put in an incubator. For further particulars write,

J. E. MEYER, - - - KOSSUTH, ONT.

## Houdans Pinckney Strain EGGS

FOR SALE \$1.25 PER SETTING.

C. W. BEAVEN,

500 Prescott, Ont.

ever, probably arise more from defective ventilation than from the actual numbers.

3. **WANT OF CLEANLINESS** is fatal sooner or later, usually sooner. All brooders, coops, etc., should be frequently lime-washed, and there is nothing better than peat moss, broken small, for bedding. Fresh dry earth or ashes, if renewed daily, will answer the latter purpose; but the peat moss keeps sweet for a considerable time, and is cleaner, sweeter, and drier. Vermin do not, or should not trouble artificially-hatched chickens, but parafine applied to the crevices of the brooder and insect powder to the bodies of the chicks will keep them certainly at bay.

The runs too, must be scrupulously clean; where possible they should be of short grass. It is stagnation of the air induces the

## EGGS for HATCHING

**Barred Rocks**—Stock from Miss Caldwell's best pen mated with birds from the veteran poultryman, Mr. I. K. Felch, of Massachusetts, \$1.25 per 13.

**White Rocks**—Stock as good as the above, \$1.25 per 13.

**White Leghorns**—Improved every year with a first-class male bird, \$1 per 13.

**Audalusians**—Good stock, \$1 per 13.

WILLIAM COPP,

Seaforth, Ont.

### IF IT'S GOOD FOR POULTRY WE HAVE IT

Write for Circular of our . . .

**\$5.00 INCUBATOR.**

THE CANADIAN POULTRY RAISERS  
SUPPLY CO.,

43 Scott St. - Toronto, Ont.

# Just think of it!

**29 GRAND VARIETIES**  
**Vegetable and 6 Packets**  
**Flower Seeds.** (One Liberal Packet of each.)

ALSO

**Half-Pint SWEET CORN**  
**" WAX BEANS**  
**" GARDEN PEAS.**

**ONLY . . . \$1.00**  
**AN UNPARALLELED OFFER.**



**\$2.00—No. 1—Vegetable and Flower Collection—for \$1.00**

- 1 pkt. Beet Turnip
- 1 " Cabbage Express, early
- 1 " " Lupton or Imp. Vandergaw, late
- 1 " Carrot, Long Red Coreless
- 1 " Cauliflower, Extra Early Paris
- 1 " Cucumber, Penrice's Imp. Long Green
- 1 " " Pickling
- 1 " Celery, Giant Golden Heart
- 1 " Lettuce, Imp. Hanson
- 1 " Musk Melon, mixed varieties
- 1 " Watermelon, mixed varieties
- 1 " Vine Peach
- 1 " Onion, Yellow Globe Danvers

- 1 pkt. Onion, Large Red Walthersfield
- 1 " Parsnip, Imp. Holler Crowned
- 1 " Pepper, mixed varieties
- 1 " Pumpkin, Japanese Plover
- 1 " Parsley, Taber's Exquisite
- 1 " Radish, Scarlet Turnip
- 1 " " Long Scarlet
- 1 " Salsify or Vegetable Oyster
- 1 " Spinach, Giant Thick-Leaved
- 1 " Squash, Essex Hybrid
- 1 " " English Vegetable Marrow
- 1 " Tomato, Pearce's Princess
- 1 " Turnip, Golden Stone

- 1 pkt. each Summer Savory, Sage, Thyme
- 1-2 Pint Corn, Mammoth White Cory Sweet
- 1-2 " Beans, Kenny's Rustless
- 1-2 " Peas, Premium Gen.

FLOWER SEEDS.

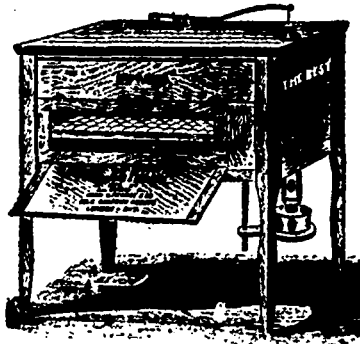
- 1 Pkt. Balsam, Best Double Mixed
- 1 " Astor, all varieties
- 1 " Mignonette, Large Flowering
- 1 " Stock, Dwarf German Ten Week, mixed
- 1 " Phlox, Grandiflora, mixed
- 1 " Nest-Egg Gourds.

Above collection contains 29 pkts. Vegetable Seeds, 6 pkts. Flower Seeds, 1-2 pt. Sweet Corn, 1-2 pt. Wax Beans, 1-2 pt. Garden Peas; sent to any address, postpaid.

## March - - SPECIAL - - April

### "The Best" INCUBATORS

**GOLD MEDAL AWARDED.**  
**The Highest Award Given**



Has been to get up the BEST incubators and brooders ever put on the market. We have spared no expense whatever to make "THE BEST" the best in construction and application as well as in name. We furnish only the very best thermometers, which are well seasoned, tested, and guaranteed correct.

These incubators have been thoroughly tested and proved to be what we claim. They are not a cheaply gotten-up machine, but the aim throughout

Some of the excellent points about "THE BEST."

1. Absence of moisture pans.
2. Diffusive ventilation and no stagnant air.
3. Nursery for the little chicks.
4. Proper application and immediate control of the temperature.
5. Absolutely fire-proof.
6. Perfectly self-regulating.
7. Uniformity of temperature all over egg tray.
8. Small consumption of oil, thereby saving you enough in a few years to pay for the machine.
9. The moderate price we ask for it.
10. It is made in Canada by a Canadian.

50 Eggs "Ideal" \$6.50. 100 "The Best" \$13.60. 200 "The Best" \$19.12.

Free on board cars, London. Cash with order. Prompt shipment. The above are our lowest prices, so don't waste your time and ours: we are busy people. **Send for our Seed also Poultry Supply Catalogues free.**

## Darch & Hunter,

Successors to **John S. Pearce & Co.**

**London, Ontario.**

**"Seedmen to the Canadian People."**

# THE TWO SCIENTIFIC COMPOUNDS



GREIG MANUFACTURING CO.,

More sold in the DOMINION each year than all quack goods combined. DR. HESS' POULTRY PAN-A-CE-A is not a poultry food. Don't take any poultry food as a substitute. PAN-A-CE-A possesses special merit peculiar to itself, cures diseases and makes hens lay. It is not a stimulant, but a reliable tonic.

## FOR POULTRY

DR. HESS' POULTRY PAN-A-CE-A AND INSTANT LOUSE KILLER

### INSTANT LOUSE KILLER KILLS LICE

It is in powder form, does not stain the plumage, nor taint the eggs and meat. A great advantage over liquids. Put up in round cans, with perforated top, most convenient to use.

If you cannot procure them of your local dealer, it is manufactured by DR. HESS & CLARK, Ashland, O.

Canadian Agents  
MONTREAL, CANADA.



better to have a small run upon constantly-changed ground, than a large one foul by constant use.

4. WANT OF SYSTEM.—Perhaps this is the most common cause of failure in any pursuit. Chickens cannot and will not thrive unless systematically and properly attended to. They require food and water at frequent and regular intervals, the lamps must be filled and trimmed daily, and all the hundred and one little details of chicken-rearing must be attended to. And if there is other work to be done, with perhaps but little time in which to do it, it is a case of "method or disaster." Chickens will not take care of themselves, they must have every attention or they will soon show their disgust of neglect by dying in scores. The only way to give them the needful care is to have each day's work well thought out, so as to accomplish the necessary labors with as little toil as may be.

5. WRONG FEEDING.—This, I believe, is not such a common cause of failure as the foregoing ones, for if properly housed and kept clean, chicks will thrive upon almost any food, though they will not necessarily grow into the finest birds. They want variety in

their diet, and plenty of it at regular times, every two hours at first. Egg is the almost-universally used "first food," but I have found the very smallest chicks grow fast upon Sussex-ground oats and sharps, with a little meat, bonemeal, and cooked vegetable added. Too much meal or grain, however, will quickly produce fatty degeneration and its attendant troubles; it is very annoying to find a lot of handsome pullets that refuse to lay though looking well! Liver disease and fat are insidious enemies which must be guarded against from the "shell and the cooking pot," especially as they are more or less hereditary. Finely chopped onions and dandelion are excellent natural stimulants and correctives.

I have endeavored in the above notes to put as clearly as possible the principal faults in artificial rearing. In conclusion, I would say that no one can hope for success who neglects his young stock; a clean, comfortable, moderately-warm brooder with shelter from wind and wet; a systematic mode of procedure; good food and clean water at regular times; all these are the keys to success.

But without healthy chickens bred from healthy stock we can do nothing well.—Fowls.

### BEGIN WITH THE EGG.

BY J. F. N. KENNEDY, AGINCOURT, ONT.

PERHAPS more chicks are hatched in Ontario during the months of April and May than any other months, and a great many from imported eggs. It is true that chicks hatched the first of March will mature earlier, and pullets will lay earlier, so will give you more eggs when at a fancy market price, but the fancier wants a pullet to lay when he is rushed with orders and the April hatched bird will do it if looked properly after when young. The cockerels are better prepared to exhibit at the fall fairs and early winter shows than those hatched in April. But fanciers must remember it will require lots of trouble and care for a large number, and again, if your chicks do not get sufficient exercise they will be falling ill with leg weakness and bowel disease. But of course something else will have to take the blame, the brooder or the feed, or any of the hundred-and-one excuses a poultry man can raise.

I will admit that bottom-heated brooders will help greatly the diseases, but if your chicks have plenty of exercise the two very troublesome diseases will leave you very much to yourself.

In April we have frequent showers, but they soon clear away, and the warm sunshine brings out tender grass, and chicks hatched in this month, if they have a good, warm, dry place to sleep, have nothing to do but scratch and grow, provided their owners do their part. Oh! give me April for the fancy chickens to appear, and you may also include the beginning of May. The object of the egg is to reproduce and perpetuate the breed. The breeder must work on the eggs in order to produce his ideal fowl. If the hens are not properly fed the right quantity and quality of food, their eggs will be poverty stricken and their offspring a failure.

A man claims to have a certain strain of birds and the original birds are fine specimens, but their offspring do not appear to be much like them. Can you tell me the cause? If you cannot I can. The owner does not possess the wisdom of the originator in the management of his breeders. Whatever operates against the good health and vigor of the breeding stock, will show itself in the offspring and whatever is helpful to the breeding will tell in the chicks.

Let the hens ramble about the premises, pick up whatever they can find and go to roost at night with their crops filled with filth and their eggs are poor and will produce chicks of but little vitality. Then the owner asks again why are my chickens so small and thin and with pale face and without glossy plumage? They have no muscle, they have no bone. They are wrecks from the beginning, and the owner expects to raise prize stock from hens left to look after themselves. Oh, no, Mr. Fancier, first see you are feeding your breeding stock right and that they



## TORONTO INCUBATORS

are used exclusively by the largest breeders. The Toronto Poultry and Garden Produce Company, Limited, now use fourteen of our 220-egg machines. Why? Because they give satisfaction.

You want a Brooder now—better write for our catalogue, there are no better machines at any price.

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### Add to Your Profits

By reducing the cost of hatching. The Prairie State Incubator hatches a larger proportion of fertile eggs at least expense, and requires less attention than any other incubator. It runs itself; has the most accurate self-adjusting heat regulator, the best system of ventilation, and the only practical automatic egg-turning device. The

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is most scientifically constructed and most perfect working. It has received first premiums at all the biggest shows and hatching contests. 310 First Awards for incubators and brooders. Write for the biggest, best illustrated incubator book ever sent free. 50 colored plates.


**PRAIRIE STATE INCUBATOR CO., Homer City, Pa.**



have plenty of exercise, then begin to expect success.

If I was to get a setting of eggs from a fancier and perhaps out of fifteen eggs I got five chicks and they grew up small, thin and without rosy face and comb and glossy plumage, I would say of the fancier from whom I purchased the eggs that he had better learn to look after his breeding stock before he takes the liberty to advertise. When one packs fifteen eggs for some distant breeder he should realize that he is selling chickens, not eggs. If he is not willing to go to the trouble and expense to furnish eggs with all the elements of strength in them, he should not offer them for sale.

Now a word in closing, this is a range subject I have taken, but as so many people will be receiving large sums of money for eggs, I just wish to have them take more care in them; it will please the buyer and please you in the end.



In the country, village, or in the suburbs

money may be made in the poultry business by the employment of correct methods. You can't afford to keep 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

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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.**

One of our readers says: "I followed your advice, and take the 'Review' regularly. Hens laying right along ever since."



EXPERIMENTS WITH GEESE.

(Continued.)

The smallest eggs were laid by a typical brown China goose in pen No. 6, the average weight being only 4.789 ounces. The eggs laid

136 eggs laid by	9 African Geese,	averaged 6.654—ounces in weight.
194 " " "	11 Embden " "	6.556— " " "
210 " " "	8 Toulouse " "	6.257— " " "
121 " " "	5 White China " "	5.545— " " "
201 " " "	7 Brown China " "	5.450— " " "

by the Africans were most uniform in size and shape and had the greatest average weight.

Eggs laid by the Embdens were next in average weight to those laid by the Africans, and the Toulouse geese laid eggs a little lighter in average weight than the Embdens, and, therefore, rank third in respect to the size of eggs. Brown China geese eggs averaged a little less in weight than those from white Chinas. The average weight of eggs from both brown and white

Chinas together was practically an ounce less than, the average weight of the eggs laid by the African, Embden, and Toulouse breeds.

INCUBATION AND HATCHING.

When a sufficient number of eggs from most of the yards had been obtained to make a setting for one or more hens, incubation began. Broody hens were purchased and provided with nests in boxes, to which they could be confined, and from which they were released daily to get food and

water, and occasionally a dust bath. Five goose eggs were given to each, care being taken to keep those of the same yard together

so far as possible. Within ten days after setting the hens the eggs were tested in the ordinary way, by holding them before a bright light, all infertile ones removed, and the fertile eggs concentrated under a less number of hens. Only eggs of one number were allowed under a single hen, that there might not be any difficulty in identifying the goslings hatched, and marking them to correspond with the pen number on the eggs. In order that as many different kinds of eggs might be set at one time as possible, so as to have the goslings of the same age, for the purpose of comparing the growth, some eggs were kept longer than they should have been before setting them. It was originally planned to set the eggs every ten days, but some difficulty in securing enough broody hens at the proper time caused a longer period to elapse between the setting in most instances.

TABLE II.—Record of Weights of Eggs Laid by Geese in 1896.

Yard No.	MATING.		No. of Females.	Total No. of eggs weighed.	Total weight, ounces.	Average weight, ounces.	
	Male.	Female.					
7	Toulouse,	Embden.....	2	21	121	5.761	Average weight of 194 Embden eggs, 6.556 ounces.
8	African,	Embden.....	2	26	159	6.115	
9	Brown China,	Embden.....	4	89	587	6.595	
13	White China,	Embden.....	1	17	109	6.411	
19	Embden,	Embden.....	2	41	296	7.219	
	Totals.....		11	194	1,272		
1	Toulouse,	African.....	2	30	180	6.	Average weight of 136 African eggs, 6.654 ounces.
5	Brown China,	African.....	2	38	256	6.736	
15	Embden	African.....	2	28	192	6.500	
17	African	African.....	3	40	277	6.925	
	Totals.....		9	136	905		
3	Embden,	Toulouse.....	2	59	341	5.779	Average weight of 210 Toulouse eggs, 6.257 ounces.
4	African,	Toulouse.....	2	40	260	6.500	
14	Brown China,	Toulouse.....	2	78	507	6.500	
21	White China,	Toulouse.....	2	33	206	6.242	
	Totals.....		8	210	1,314		
2	Embden,	Brown China.	2	42	226	5.380	Average weight of 201 Brown China eggs, 5.450
6	Brown China,	Brown China.	1	19	91	4.789	
11	Toulouse,	Brown China.	2	61	331.5	5.434	
12	African,	Brown China.	2	79	447	5.658	
	Totals.....		7	201	1095.5		
10	Embden,	White China.	2	28	142	5.071	Average weight of 121 White China eggs, 5.545 ounces
16	White China,	White China.	2	51	300	5.882	
20	Toulouse,	White China.	1	42	229	5.452	
	Totals.....		5	121	671		

AFRICAN GEESE

25 Finest Young African Geese, \$5 each. Pick of the lot for exhibitions, \$8 each. A few old breeders, fair quality and heavy; also few Embdens, young and old, at same price to close out; 50 common market breeding geese that were great producers last season, and will probably do better this, at \$5 pair; or male and four females now for \$12. Spare ganders, all varieties, on short notice. Fair African ganders that will mate promptly with any geese, \$3, \$4, \$5. Won 1st and 2nd on all three varieties at Boston, 1892; 1st and 2nd on all three at last Brockton fair, and R. I. State fair. In strong competition; 1st on African and Embden at last New Bedford and South Framingham shows; 1st and 2nd on Toulouse geese, and 2nd and 3rd on Toulouse ganders; 2nd and 3rd on Embden ganders, and 3rd and 4th on Embden geese at Boston, 1900. Eggs for hatching from finest old geese, either variety, March 1st to May 15th at \$4 per hen setting of five eggs. Eggs from young geese, same varieties, if we have them, \$2.50 for five from common market geese, \$1 for five. No guaranty, but old stock has been on the place two seasons without change; have stream to swim in every day of the year; winter has been most favorable, and chances are unusually good for success. None but cash orders booked. Inspect stock at the fair West Mansfield, Mass., or write. 100 SAMUEL CUSHMAN, Pawtucket, R. I.

**UNION POULTRY YARDS**

Home of the noted prize winners in Golden Wyandottes, White Wyandottes and White Rocks. In Golden Wyandottes we have the best Keller and Maison Strain. 4 entries in Owen Sound and 3 first prizes first and special for cockerel; first hen and first pullet. Jarvis pronounced them the best he had seen. At Guelph won 2nd cockerel. White Wyandottes, we have one fine pen; Hawkins and Duston strains, White Rocks, 2 pens Capps strain, grand birds, winning 1 leading shows.

Eggs from Prize Matings. Golden Wyandottes.

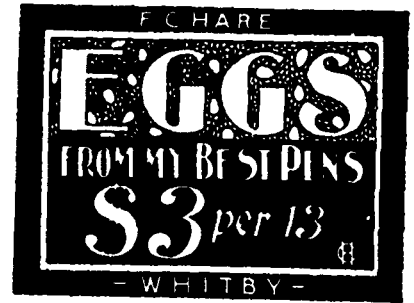
No. 1 pen, \$2.00 per 15; No. 2 pen, \$1.25 per 15. White Wyandottes, \$1.00 per 13 White Rocks, No. 1 pen, \$1.50 per 15; No. 2 pen, \$1.00 per 13.

Any person entrusting their orders with us we will please them.

**HERTEL BROS.,**

Hanover, Ont.

P.O. Box, 46.



Black Spanish and Buff Cochins eggs; fresh carefully shipped. Satisfaction guaranteed. F. C. HARE, Whitby, Ont.

**Pheasant Culture**

FROM EGG TO EGG.

By DR. T. SHANNON MCGILLIVRAY

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

Price 25c.—Free by mail.

Address:

CANADIAN POULTRY REVIEW, Toronto, Ont

Sure Evidence that **MUELLER'S**  
**Brown Leghorns** and  
**Barred Rocks**  
are ON TOP.



Such was the evidence of their overwhelming victory at Guelph and Galt. On my S. C. Brown Leghorn I won at Guelph, out of 4 entries, 1st cockerel, and 2nd and 3rd pullets. At Galt, out of four entries, 1st and 2nd cockerels, scores 95 1-2-94, and 1st pullet, score 95, by Jarvis, also special for best cockerel and special for best pullet. My Barred Rocks are of high-class stock. Stock for sale at all times. Eggs in season. Barred Rock eggs \$2 per 15. S. C. Brown Leghorn eggs \$1.50 per 15.

CHAS. MUELLER,

Box 391, Waterloo, Ont

**River View Poultry Farm**  
**HENDERSON & BILLINGS,**

Props., St. Mary's

EGGS EGGS EGGS

For Hatching at \$2.00 per 13.

From six of the most popular breeds--Barred and Buff Rocks, Silver L. Wyandottes, Black Spanish, Buff Leghorns and R. C. Brown Leghorns. In our pens are the best birds we ever owned winning at the leading shows.

Birds owned by us won at Boston and New York, Toronto and Hamilton this year. See Jan. and Feb. Review for prizes won. A few birds yet for sale.

500

**Lucknow Poultry Yards.**

We have grand pens mated containing winners at such shows as "New York," "The Ontario," "Toronto," "London," "Ottawa," "Montreal," and others. We started our strains with birds from the most noted breeders. This, together with careful mating, has given us some of the strongest matings to be found anywhere in Light Brahmans, Buff, White and Black Cochins, Black Langshans, Buff and Silver Wyandottes, Red Caps, Black Spanish, Buff, White and Barred Rocks. In Barred, our cockerel matings is headed by an imported Felch cock scored 92 1-2 by Felch, mated to females that have been bred from a winning line of males for years. Our pullet mating contains females that are choice exhibition specimens mated to an imported pullet bred cockerel. Without doubt these matings will produce a large percentage of high-class stock. Buff Leghorns, Fyle and Duckwing Game, Golden Sebright and Fyle Game Bantams—Eggs \$2 per 13, \$3 per 15. We have strong pens of Buff, White and Brown Leghorns and Barred Rocks at \$1 1/2, Rouen and Pekin Duck's \$1 per 9.

We guarantee eggs to hatch, regardless of distance. Unfertile eggs duplicated free. For further information, address,

**J. C. LYONS,**

Lucknow, Ont.

500

**America's Champion Blue Andalusians**

still maintain their title by again demonstrating their superiority to all comers at the late

**New York Show**

winning 1st and 2nd cocks, 1st hen, 1st and 2nd cockerels, 1st pullet, 1st pen.

Every First, two years in succession, eclipses all previous records. A few choice specimens for sale.

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**THORNCROFT STOCK AND POULTRY FARM,**

Wm. C. Wilson & Sons,

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STOCK FOR SALE AT ALL TIMES.

EGGS IN SEASON. Send for Circular.

Breeders of Shorthorn cattle, Yorkshire swine and pure bred Poultry, including

Barred Rocks, Partridge Cochins, Dark Brahmans, Houdans, Golden & Silver Bearded Poland and Brown & White Leghorns. Winners wherever shown.

501

**H. H. WILLIS GRANBY POULTRY YARDS**

GRANBY, QUE.

BREEDER OF EXHIBITION BARRED

PLYMOUTH ROCKS AND BLACK MINORCAS.

Winners at Montreal, Ottawa, Quebec, Sherbrooke, St. Johns, and Granby. Stock for sale. Write for wants. Eggs from selected choice matings only \$2 per setting or two settings for \$3, one or both varieties. None better. Give me your order, and get honest trade.

**E. C. PARKER, COMPTON, QUE.**

Makes a specialty of S.C. and R.C. Black Minorcas and white Wyandottes that are excellent winter layers. They also take their share of prizes at the leading shows in the Province. At Sherbrooke my Minorcas took two 1sts, one 2nd and two 3rds; at Quebec, four 1sts and one 2nd. My Wyandottes took two 1sts, one special and one 3rd on four entries at Sherbrooke, and four 1sts out of five at Quebec. A few good cockerels for sale. Eggs, \$1.50 per setting, reduced to \$1 after May 1st.

500

**BUFF COCHINS**

Exclusively

My birds during the past winter have won prizes at Toronto, Eastern Ontario, Detroit and Stratford.

A few cockerels still left for sale. Eggs \$3.00 per setting.

**A. W. Bell,**

536 Ontario St., Toronto, Ont.

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

## OUR NEW POULTRY HOUSE.

W. B. GERMAN.

**W**E have just completed our new hen house, built especially for winter layers. Will give a brief description of it as some of my readers may be interested in such a house.

It is 12x24, divided in two 12x12 pens, has comb roof, is six feet high at sides, and boarded up and

er, especially on windy days, this canvas may let in a good bit of cold, but we reasoned it out that a hen is naturally a fresh air animal, and very seldom if ever freezes her comb in the day time, no matter how severe the weather. This being the case, if roosting place is made warm we think the canvas will be a decided benefit to the fowls' health.

Roosting places are made as follows: First, paper is put on size

and are hinged to wall, and can be raised for convenience in cleaning. Over the roosts high enough for the fowls we have exhibition coops placed on a portable fixture that can be easily removed in warm weather. This not only makes roost warmer, but these coops are very convenient for carrying over surplus cockerels, as we often want to separate some of the best birds for special purposes. One end of roost is boarded up, leaving one



YOUNG AFRICAN, EMBDEN, AND TOULOUSE GEFSE LAST JULY. ON SAMUEL CUSHMAN'S FARM.

down. The outside is covered with building paper, then shingled. Have three windows, two in south side and one in west end. On the south side between windows instead of boards we have bran sacks securely fastened on outside and inside, with an air space between. This, while admitting sunlight and fresh air, does not let in snow or rain. To keep out thieves we placed wire netting over the canvas on the outside; in severe cold weath-

of roosts wanted, then lined with inch boards, which makes building where roosts are, first, one inch boards, then paper, then one inch boards, then paper, over which are shingles, making it impossible for air to get through. Droppings boards are two feet from floor, giving ample room for scratching. Roosts are made of shingling lath as follows: Two pieces two-thirds as long as platform is wide. The short pieces run back against wall,

end and front open, but even these can be closed, or partially so, by fastening up a piece of canvas or carpet. The internal arrangement

### 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.



is fitted up for convenience and cleanliness. Our self-feeding grit boxes hang against the wall, just so fowls can reach them nicely. Also watering pans are fixed same way. This prevents getting as much litter in them as when set on floor.

I must boast a little about our feed troughs, as I think them a little the best and handiest I have ever yet seen. They are made of one inch lumber six inches wide, as long as is wanted for number of fowls. On the one edge is a piece nailed that is an inch higher than board. The other side of trough is hinged to wall about six or eight inches from floor. In centre of the trough is fastened a rest for trough when in position for feed. After through feeding trough is raised up against partition, where it is fastened with a hook which closes it up out of the way and keeps it clean. This trough is not patented, so any one can use it if they think it good enough. It can be made any width and any length to suit. We also have a rope nailed up in each pen, on which are hung cabbage for hens to pick at, and 25 of them will trim up a good sized head every day.

The canvas part of building spoken of in another place is merely an experiment, and may in time be replaced with boards or windows, but at present we feel that it is just what is wanted, as we intend compelling hens to hustle for their food, excepting the mash which is given at night.

Will not give our method of feeding in this article as the majority of breeders have their own method, which is no doubt as good as ours. The outlook now is for a high price for eggs, and we are going to make an effort to produce at least a part of them, and get all out of it that is possible.—Practical Poultryman.

Advertising in the Poultry Review is a paying investment. Try it.

## WHY I BREED ASIATICS.

BY A. W. BELL, M.D., TORONTO.

**M**ANY residents of the cities or towns where ground space is at a premium, find the keeping of a few fowls becomes, as it were, a pleasure that many cannot indulge themselves in.

Many a small boy refrains from following his propensity of keeping fowls because they are apt to fly over the fence between his father's lot and that of his neighbor, who sits with a gun ready to send the first offending "chicken" that trespasses upon his property into the Great Beyond.

He who raises any of the Asiatic breeds need have no fear of his pets being the recipients of any such deeds for with their small wings and large bodies they are unable to fly over the ordinary four foot fence, which makes them so much more easily confined and less expensive, as one does not have to construct such high fences.

Then to the epicure their massive, plump bodies make a most enjoyable roast when they are killed; in fact they can be passed off when on the table for turkey.

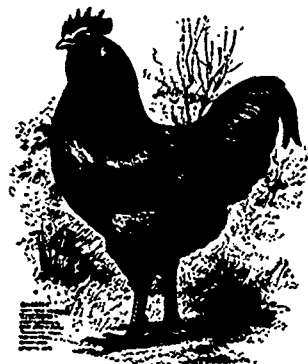
They are recognized by nearly all poultry experts to be one of the best families for winter laying, at a season of the year when eggs are relished or command a high price, and though to many an egg is an egg whatever kind of a hen laid it, yet one would be surprised when they handle a few Asiatic eggs to notice how heavy they are indicating that there is so much more substance in one of these than in the smaller hen's egg. Then again, we have the crowing of the male birds which to nervous people is a great nuisance, especially the shrill, clarion notes of the smaller bird in comparison with the deep bass voice of the Asiatic.

It is a well known axiom in acoustics that the higher the note or pitch of a voice the more severe

is it upon the ear, and thus do we note the great difference between the crow of the large and small birds. This, of course, only refers to city or town lots where the fowls are placed close to the dwellings through necessity. And again, how much does the smaller bird ring out his clarion notes only to be followed by his consort who has laid an egg, which, to hear the noise she makes, you would think was the only one ever laid.

Then, when you wish to show your fowls to your friends you have some size to show, something you need not be ashamed of. Taken altogether the Asiatics are in the estimation of many the beautiful ideal fowl for the city, but like all others they have their drawbacks, the chief one being their propensity to put on fat, which can be guarded against by judicious feeding.

## BUFF ROCKS EXCLUSIVELY ESSEX AND FORSYTH STRAINS



"EMERSON"—From Life.

Many times a Winner: Toronto Industrial Exhibition, 1898-1899; Toronto Winter Show, 1898; London, 1898; Ontario, 1899, heads one yard, mated to a pen of extra fine Pullets.

### IMPORTED FORSYTH COCK

heads another yard mated to a pen of beautiful pullets.

Two other yards are mated with cockerels and hens of the above strains.

These birds have been carefully selected and mated for best breeding results.

Eureka Recording Nest Boxes used.

A limited number of orders now booked for Eggs at \$2.00 per setting of 13.

3 Cockerels, Forsyth Strain, for sale, \$2.50 each

HERBERT H. BRADFIELD,  
101 Morrisburg, Ont

## PETERBORO'S ANNUAL MEETING.

PRESIDENT LEARY AND SECRETARY COLLINS RE-ELECTED.

THE annual meeting of the Peterboro' Poultry Association was held in the Council Chamber on March 13th. The president, Mr. R. H. Leary, oc-

### THE ANNUAL REPORT.

The secretary-treasurer, Mr. Wm. Collins, read the annual report as follows:

To the members of the Peterboro' Central Poultry and Pet Stock Association:

Gentlemen.—On behalf of the officers of the association, I beg leave to submit to you for approv-

at Ottawa, say it was the best show they had ever had in point of quality of exhibits. It was also said the business meeting was of the most instructive character and the hall the finest ever provided for an Ontario show, but the unfortunate part of the matter was that owing to the poor attendance of citizens and farmers, both of



FIVE BEST BROWN LEGHORN COCKERELS, NEW YORK, 1898. OWNED BY GEO. H. BURGOTT LAWTON'S STATION, N.Y.

cupied the chair. There was a fair attendance of members.

Mr. Leary briefly outlined the record of the year. In most ways it had been a success. He regretted that the public had not patronized the Ontario poultry show more largely.

**MARK STOCK** with Jackson's  
Always Bright. Can't come out. Ear Tags  
**JACKSON STOCK MARKER CO.**  
Samples sent free. So. St. Louis, Mo.

al, the third annual report as follows:

During the last year, we had no local exhibition as you are aware, but had the 26th annual show of the Western Ontario Association held here in January, and although hardly up to the usual number of entries, (such as they might have in a large city), the management of the association and the manager of the Central Experimental Farm

whom should have been present to see from the consumers' and producers' standpoint, the difference between properly prepared and fattened fowl and the kind offered to them on the market. These people who did not see the exhibition with those most useful and beautiful specimens of all kinds of land and water fowl, also the artificial forcing and feeding process, as shown by Mr. and Mrs.

## ANOTHER BIG SCOOP.

MADE BY

Hanover  
Poultry  
Yards.

600

KIRCHNER & FLANAGAN, PROPRIETORS,

HANOVER, ONT.

### IN S. C. BROWN LEGHORNS

With only two entries we won 1st cockerel at Hamilton, 1st cockerel at Owen Sound, 1st cockerel, 1st pullet at Stratford, and 3rd cockerel at Guelph.

### IN BARRED ROCKS

On one entry we won 2nd pullet at Owen Sound, winning 2nd to 1st Ontario pullet in a class of 35 birds.

### IN SILVER WYANDOTTES

On two entries we won 1st cockerel at Guelph and 3rd cockerel at Hamilton.

### IN BUFF ROCKS

On one entry we won 2nd pullet at Guelph, 2nd pullet at Owen Sound, and 3rd pullet at Hamilton in hot company.

ALL THESE WINNERS ARE IN OUR BREEDING YARDS THIS SEASON.

Prices from any of these four varieties at \$2 per 15 or \$3 per 45.

We have a few choice Silver Wyandotte cockerels and S. C. Brown Leghorn pullets for sale reasonable.

Write for particulars.

Yuill, of Carleton Place, and the killing and dressing process as demonstrated by Mr. and Mrs. Gilbert, do not know what they missed, or how long before they will have such another opportunity. But from your association's standpoint the exhibition was not a financial success, owing to the small attendance.

We are informed that a colored minstrel troupe that performed in the opera house one of the nights of our show, had a four hundred dollar house. Something like that or a hockey match, seems to be all that attracts the average citizen nowadays, but it is a lamentable fact that such is the case. Not even the farmer can be interested enough in what concerns him directly, to try to learn the best methods of feeding and killing, or the best breeds to keep for profit in eggs and meat.

In preparing the prize list we called a meeting of the poultry men to discuss the best methods to help the local poultry associations. A resolution was carried favoring asking the government for a grant of money for each local association, not more than one of such in each county. Your secretary then sent circulars to the secretaries of all the local associations, asking them to appoint delegates to act in connection with others appointed to wait on the government. A large number of these associations appointed delegates, and nearly all sent word that they were in sympathy with the movement. I made arrangements with the Hon. J. R. Stratton to meet the government on February 28th, and although we did not get a decided answer, the Honorable Minister of Agriculture said something would be done to help to develop the poultry industry. (the product of which should at least be multiplied by five) but at the present time he could not say what he would do definitely, as he would have to look into the matter fully before he could alter

THOS. C. ALLEN, GLASSBORO, N.J.

J. D. NEVIUS, BEVERLY, N.J.

## LYNNHURST POULTRY YARDS. COCHINS.

Cochin and Japanese Bantams continue to win the prizes and cups at the leading shows as they have for the past 31 years, winning this fall at the three great shows:

PHILADELPHIA, PA. HAGERSTOWN, M.D. TRENTON, N.J.

Forty 1sts, Thirty-four 2ds, Eight 3ds, Two Cups and Medal.

Very Choice Exhibition and Breeding Fowls and Chicks for Sale.

Yards at Glassboro and Beverly. Send two-cent stamp for illustrated catalogue.

Address all communications to

201

J. D. NEVIUS, - - - BEVERLY, N.J.

### EGGS FOR HATCHING

Eggs only  
75 cts.  
for 15 eggs.

From all my breeding pens for May, June and the balance of the season,

ONLY 50 cts.  
for 15 eggs.

My strain of Rocks are Lefell & Thompson and Bradley Bros., mated with such cocks as "Champion Boy," "Pride of Canada." Every bird is a high scoring bird.

In Black Minorcas I have Northrop & Duff also Scott strain. Every bird is a high scoring bird, and are mated to such a cockerel as

"Look Me O'er," also one cock from Abbott Bros., costing \$17.50. Weight 9 1/2 lbs.

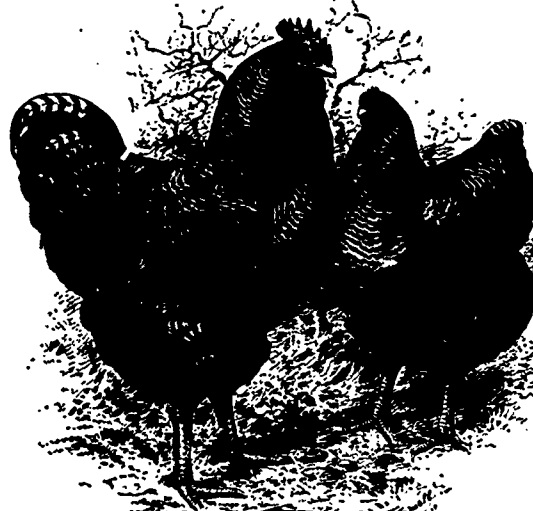
White Leghorns.—I have the G. M. Smith and Knapp Bros. This pen is a fine lot of ten hens mated with White Beauty; all high scoring birds, and I am selling eggs from all these pens at only 75 cents for 15 eggs for May; 50c for June and the balance of the season. All eggs warranted to hatch well, and packed and put up in No. 1 shaps and shipped to your place. Anyone that does not get a good hatch I will give another setting free of charge. Eggs for incubator, \$3 per 100.

90 swarms Bees for sale cheap—200 Half Stail, 200 New Hives, 75 m., J. B. Lewis & Co., snow white sections at a bargain as I am going out of this line. English Berkshire pigs and Chelsea White pigs, all registered. Give me your order, and I will try to use you right.

LOCK BOX A.

N. H. SMITH, Tilbury, Ont.

P.S.—All goods warranted, or money back if they are not as I say. Chicks one week old 20c. each.



the present grants to poultry shows, which, however, were not giving the results that could be wished for. So we have every reason to believe that a change will be made by which we will get a much needed help in the shape of a grant from the government. We have to thank the town council for a grant of \$50 and free use of the market hall, several of our citizens for their generous donations, and last but not least, the Peterboro' Light and Power Company, who furnished the light for the entire time of the show free of cost to us. While we have not reduced our indebtedness any by having the big show here, we hope we have aroused some interest in the poultry business. On two afternoons of the exhibition we admitted the children of the public schools free, to try to interest them in the useful as well as the beautiful.

We would now urge upon you the importance of electing a good active board of directors, who will work shoulder to shoulder in order that your next show may be a success, which it should be, as we have the use of the coops again free, but will have to hold our show earlier in the season.

The financial statement will also be submitted for your approval.

ROBERT LEARY,

President.

WM. COLLINS,

Sec.-Treas.

Peterboro', Mar. 13, 1900.

On motion the report was adopted.

Mr Collins also read the financial statement. It showed a deficit slightly larger than that reported at the last annual meeting. This statement also was adopted.

Some time was spent in discussing the affairs of the association generally.

#### ELECTION OF OFFICERS.

The following officers were elect-

ed for the year: President, R. H. Leary; 1st vice-president, E. H. White; and vice-president, F. G. Lund; directors, J. E. Cullen, A. Parker, T. H. Goldie, H. Nesbit, Wm. Head, R. F. Lush, John Robson, H. Snowdon, H. C. Winch, Jas. Baptie; auditors, A. Terrill and J. Jayes.

The new board afterwards held a short meeting for the transaction of business.

#### BORROWING AND LENDING.

THE editor of the Review receives innumerable complaints on this question, but when brought to an issue, positive proof it seems impossible to procure. It is not a new question and we should hesitate to believe it to be worse than ever before. We are ready to investigate any cases where proof is forthcoming, and the party making the complaint is willing to permit the use of his name. As a matter of fact, the proper procedure is to bring these matters before the local associations, but most of them are too busy "scrapping" to devote time to such a subject.

The Review cannot be made a monkey of to pull some one else's hot chestnuts out of the fire, but where action is taken, we shall be happy to give the guilty parties—the one who lends is as bad as the other—a good deal of free but possibly not profitable advertising. Some writers should remember such a thing as the law of libel is still in existence, and though a case may be true, it is libelious to publish it with ulterior motives.

We have letters in our possession that the mere writing of is enough, if action were taken, to put the senders in the penitentiary. "Be sure you're right, then go ahead," but—be sure.

#### THE FEEDING OF FOWLS.

CONFLICTING OPINIONS—WHAT ARE WE TO BELIEVE?

BY JOHN M'DOUGALL COLLINGWOOD, ONT.

FROM the widely read Montreal Star I cut the enclosed three articles on the above subject. In the first the writer includes in the diet, corn and corn meal. In the second, the writer states that "exhaustive experiments have proved unquestionably that corn is the best standard food for all kinds of fowls." "Corn is more economical than wheat and makes the most eggs." He also goes on to state that "the so much puffed cut bone is found to injure the fowls, and actually lessen the product of eggs." In the third article the writer states, "We hear and read a good deal about cut bone for fowls. In these columns we have frequently cast some doubt on the propriety of feeding this stuff to the hens," and then he goes on to speak of some scientific tests at a Massachusetts Experiment Station, proving that the use of this cut bone is injurious to fowls, causing diarrhoea and other bowel disorders, even when the small quantity of one fourth of an ounce was given, also that the animal meal causes a bad odor and flavor to the eggs, while the sharp broken bones or the coarse grit are not any really natural supply of material for the bird's gizzard, and on account of the sharpness of the edges of it are really injurious as are the broken crockery or glass which have been unwisely recommended for hens.

He also states: "Another valuable result of experiment is that corn is the best kind of food for hens, for while only 860 eggs were laid by the wheat fed hens, 1,017 were laid by the corn fed ones in the same time."

Now, Mr. Editor, readers like myself, anxious to gain knowledge, find in every poultry book and in every poultry paper, this advice:



**EGGS FOR HATCHING**  
From my breeding pen of Rochester girls winning at the Erie and other fairs. Hatched F. Borden, S. C. Brown and Black Leghorns' Eggs 12 for \$2.00, 24 for \$3.75, 36 for \$5.00. Circular free.  
SHELDON POULTRY YARDS,  
F. W. Wells, Prop. Ave. 5, Rochester, N. Y.

# WOODLAND FARM

Address  
Louis P. Graham  
1215 Filbert St. (Prop.)  
Philadelphia, Pa.

## JUDICIOUS FEEDING

is responsible for the high percentages of fertility in Woodland Farm Eggs. It is our hobby and aim to keep strong, healthy birds and produce as many fertile eggs as the hens can lay and supply them at fair prices to consumers.

White Wyandottes.  
R.C.W. Leghorns.  
S.C.W. Leghorns.  
S.C. Br. Leghorns.

Setting - - - \$2.00  
3 Settings - - - \$5.00

America's best  
Buff and White  
Cochin Bantams

B.R. Red and Red Pile  
Game Bantams.

Winners in America's largest  
exhibitions.

Best Pen, Setting - \$3.00  
2 Settings - - - \$5.00  
Fine Pens, Setting - \$2.00  
3 Settings - - - \$5.00

We guarantee everything  
bearing Woodland Brand.  
201 CIRCULAR.

1. Wheat is the best egg food as far as grain is concerned, as it contains all that is required for the making of eggs. 2. Do not feed corn if you want eggs, it is too fat-forming. 3. As to the cut bone, which I presume is cut green bone, we all know the rage that at present exists for it, and the large varieties of bone cutters in the market.

Following are the articles referred to by Mr. McDougall.

### HOW TO FEED FOWL.

"I am keeping eighty hens and pullets. They are fed on the few table scraps from two persons; get a warm feed in the morning of bran and corn meal; at noon a little cracked corn and oats is given well mixed with chaff and gravel, so that the fowls have to work to get the food; and at night four quarts of oats and two of corn are given, and crushed oyster shells or burned bones are always at hand for them. These are a mixed lot of hens. They are kept in a small house ten feet by twelve, which is close quarters, but it is kept clean and the hens do well in it, as the eggs testify. Last year's egg account shows 1,161 egg for January, 783 for February, 1,374 for March, equal to 3,318 for the three months. In April I got 869 eggs in the first twenty days. I have now fourteen hens sitting. W. S., New Hampshire."

### FEED FOR FOWLS.

"E. C. F.—Exhaustive experiments in feeding fowls have proved unquestionably that corn is the best standard food for all kinds of fowls, and that they will do well on it, with only occasional supplies of animal foods, as crushed soft bones, with some flesh adhering to them. Corn is more economical than wheat and makes the most eggs. Oats are unprofitable on account of the large proportion of husk, which has very little nutriment in it. Barley is better than wheat, but the richer foods, as the

oil meals are decidedly injurious, as they tend to excite inflammatory diseases in the fowls. The so much puffed cut bone is found to injure the fowls and actually lessen the product of eggs."

### SCIENTIFIC FEEDING OF FOWLS.

"Very much misapprehension exists in regard to the meaning of the term scientific. It is supposed to be the best, and most successful and profitable way of doing anything. This is quite wrong. It may in fact be the very worst practice possible, the scientific part of it being simply in the fact that it is practiced for the mere purpose of learning something, in short to gain knowledge for practical use. Now we have some reports of scientific feeding of fowls, which go to show this, and how valuable this method of learning things is.

"For instance we hear and read a good deal about feeding cut food has been found to give a bad odor and flavor to the eggs, but the number of eggs produced by the hens fed with it have been somewhat increased.

These results are precisely what might have been expected, for the flesh food unquestionably supplies much nutriment which fowls get naturally and need for the production of eggs, while the sharp broken bones, or the coarse grit are not any really natural supply of material for the bird's gizzard, and on account of the sharpness of the edges of it are really injurious, as are the broken crockery or glass which have been unwisely recommended for hens.

Another valuable result of the experiment is that corn is the best we have frequently cast some doubt on the propriety of feeding this stuff to the hens. And now as the result of some scientific tests at one of the Massachusetts Experiment Stations we find that the use of this cut bone is injurious to fowls, as it causes diarrhoea, and other bowel dis-

See what Review advertisers say about advertising, in the "Advertiser's Help."

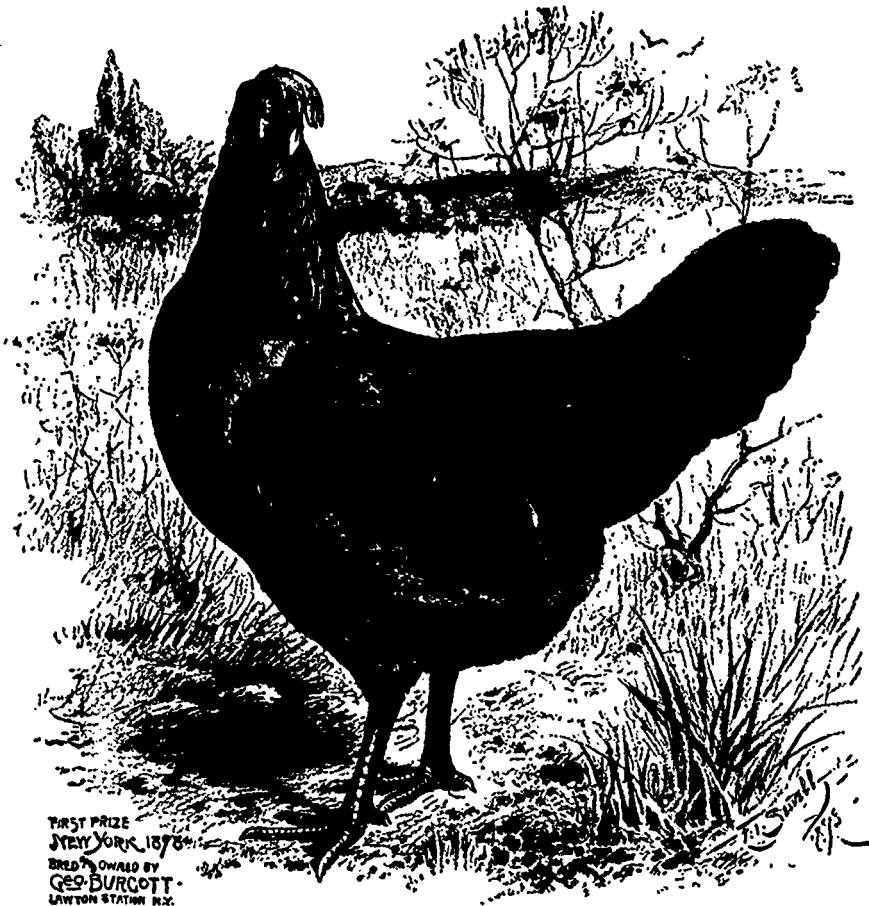
orders. This was found to be the case when the small quantity of only one fourth of an ounce was given daily, while one and one half ounces is advised to be given. So with the animal meal so much advised as an egg compeller. This kind of food for hens, for while only 860 eggs were laid by the wheat-fed hens, 1,017 were laid by the corn-fed ones in the same time.

food being dry weight, while of course there is a large proportion of water in eggs. The average product of eggs for the whole year was equal to one egg for three days or 125 for the year. The consumption of food in dry weight through the year was three ounces daily.

These figures will be of great value to that large number of per-

the house, a good range with a supply of insects, seeds of weeds, and all the other pickings about the stables, farm yard, fields and meadows, is precisely the very best method as to food that the useful, industrious, faithful hen needs for her industry.

Now in the face of all these flat contradictions as to the value of these different foods, by men who



NINA 5TH, FIRST PULLET AT BOSTON, 1898. ONE OF GEO. H. BURGOTT'S FAMOUS BROWN LEGHORNS.

As to the cost of food, this was found to be three-tenths of a cent per day, but this is more than is the average in common business practice, in which the average for years has been one-fifth of a cent.

The average weight of eggs was found to be very nearly two ounces or eight to the pound. Sixty-two and a half pounds of food produced one hundred pounds of eggs, the

sons who are seriously affected by the so-called hen-fever, as they will show what the cost and product of a well-fed, healthy young hen is, and the difference will of course make the profit. It is an important result of these careful experiments that the common way of feeding fowls on the farm, which is to give corn as the staple food with some waste animal food from

are supposed to be at least experienced in the feeding of fowls, so much so that they are deputed to write on the subject, matter which is read by thousands of poultry keepers, again I say in the face of these flat contradictions, surely the time spent in reading up the subject of feeding fowls is largely lost, and novices and others in the search of knowledge

# UPLANDS POULTRY FARM.

Station D., - - - Baltimore, Md.

## BARRED ROCKS

Satisfaction Guaranteed.

WINNERS AT

New York, Boston, Wash-  
ton, Hagerstown, Md., and  
Mt. Gretna, Pa.

## BUFF ROCKS

## W. WYANDOTTES

## P. COCHINS

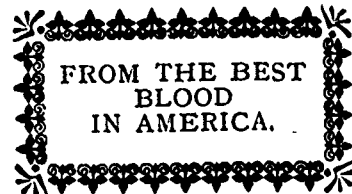
## PEKIN DUCKS

EXHIBITION AND BREEDING BIRDS FOR SALE

EGGS: \$3 PER 13, \$5 PER 26, 5 SITTINGS \$10.

Address, **M. P. JARVIS**, Manager.

500



FROM THE BEST  
BLOOD  
IN AMERICA.

are forced to fall back on their own experiments as to what should or should not be fed to fowls.

[As a matter of fact there is no best feed for fowls; there will be none until all fowls are constituted alike and are kept under exactly the same conditions.

The vigorous Leghorn or Hamburg, given its liberty, can take corn that to the Cochin or Brahma given in confinement would soon cause collapse from overfat. And so on. In feeding, breed, conditions, the feed most easily procured and making the cheapest balanced ration must all be taken into account.

Some years ago a distinguished scientist said in these columns that "wheat made the best men and would make the best birds."

The oatmeal fed Highland Scotsman, the South of Ireland peasant, brought up on potatoes and milk, both, physically the highest type of manhood might easily and with justice dispute successfully this assertion.—Editor Review.]

### COLOR DISQUALIFICATION

**A**T Halifax exhibition last fall, my black Spanish chicks were disqualified for having partly white feathers in the under part of wings. I always find that those with white feathers when young, turn out the blackest when old. The Standard says: "Any foreign feather," but that is not very clear. Is white foreign in young Spanish? [The Standard reads, "false color in any part of the plumage," so the judge was justified in disqualifying the bird. This is one of these cases in which we think the Standard errs. A judge is left no discretion but to disqualify possibly the best bird in the class for a few miscolored specks that are no real detriment to the specimen.—Ed.]

### S. C. White Leghorns Barred P. Rocks

Eggs from grand pens, winners and bred from winners. Either kind guaranteed. \$2 per 13. Fertile eggs from strong, healthy stock. Good birds for sale of both varieties.

JOHN CHAMBERS,  
101 Exhibition Park, Toronto.

### CORRECTIONS.

#### Editor Review:

I see in this month's Canadian Poultry Review I am credited with winning an incubator at Montreal Show with a breeding pen of black Hamburgs, scoring 184 1-2 instead of 190 3-4. I also won the Sir Donald Smith Challenge Cup with the same b. pen. I should like you to please correct it.

VICTOR FORTIER.  
St. Therese, Mar. 28, 1900.

Ralph Williams, Sec. Poultry Association, Ingersoll, Ont.

Breeder of High-class Poultry—Light Brahmans, Golden Wyandottes, Golden Spangled Hamburgs. My this year's matings are superior to any of my former. At Ingersoll, Galt and Petrolia winter shows I won 39 prizes on 39 entries—twenty 1sts, thirteen 2nds, five 3rds, one 4th; also several specials. My Brahma pens are headed by two grand imported cocks, also an imported cockerel, mated with the best females to be had, several imported specimens among them. Golden Wyandotte pen, headed by cock, winner wherever shown this year, score 92 1-2 (Jarvis); 3rd on Ontario, 1899, mated with eight fine females, among them 1st pullet at Petrolia, winner of special for best Wyandotte in class; score, 96. G.S. Hamburg pen, headed by a 84-point McNeil cock, mated with a pen of A1 hens, all of which have won in good company. Eggs from any of the above pens, \$3 per 13. Write for fuller description. 500

# Of Special Interest to French Canadians.

## HOW TO RECOGNIZE THE AGE OF POULTRY.

BY EDWARD CONNER, PARIS, FRANCE.

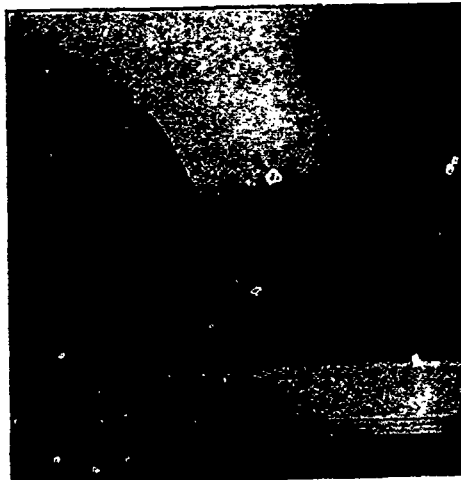
**N**OTHING is more necessary to know than the age of poultry, while nothing is more difficult than to ascertain such a fact precisely. Young birds are everywhere in request. For breeding purposes, it is an important matter to settle, and it is equally so from the table point of view. With an established breeder of poultry his character is a sufficient guarantee for the age he gives to his products, but the subject is not so easy for commission merchants, who have to purchase poultry right and left for the table requirements of the market. Studious attention and great experience will create the ability to rapidly seize or guess the precise and decisive points of the necessary recognition. Some general characteristics about the bird are, however, necessary to bear well in mind. For instance, the hen that lays abundantly towards the age of two years, declares the full extent of its laying power in the third year; it does not repay its keep during the fourth year, unless the hen enjoys complete liberty to pick up its own food in large quantities. It often happens that at this age, it gives satisfactory results. The cocks can live till ten; it is more advantageous and practical to sacrifice them in the third year of their age, before they become unfit for ailment: the flesh being then dry, leathery and indigestible. At four years old the cock is bad for reproduction ends; consequently it has no right to be kept in the poultry yard. Several well-known breeders do not keep their cocks

longer than the second year, unless they be exceptionally valuable birds. In the broods there will always be a sufficient supply of young cocks to replace the old birds. For instance, a cock born in the month of March will be kept separate from the hens, and, if he be well fed, he can be fit for reproduction when eleven months old. By thus replacing the cocks each year, the birds suppressed will hardly have reached their second year. If the discarded cocks be left in absolute repose during a fortnight, and fed liberally with farinaceous food, they will turn out to be fair table poultry, but on condition that they be not served roasted. Breeders adopt some method for the recognition of the age of the poultry which they rear. Thus, in the first year, they cut the hind nail of the right claw; for the second year, the pullets have the nail on the left claw filed down. In case it be required to make a third year, the second nail on the right claw is cut. The removal of two

nails from the claw detracts from the appearance of the bird. Certainly the nails were not destined by nature to be thus removed. There is another plan of marking the young birds, but it is somewhat cruel; this consists in searing them on the wing with a red-hot iron. Others recommend to mark the skin by means of an appropriate stamp and indelible ink. The plan is practical though long. M. Elloire, a veterinary surgeon, has adopted the system of spiral rings in India rubber, placed on the bird's legs; these rings are of various colors, a different color for every year. The age of the bird can by this simple and practical method, be ascertained at a glance. All these systems are more or less excellent with the rearer's poultry; but it is not the same in the case of poultry purchased elsewhere. In this case, nothing but personal ability and experience can enable the buyer to distinguish an old from a young bird; however, it can be effected by inspecting the claws.

In the case of young birds, the skin of the claw is supple and the scales thin and brilliant; if older birds, the skin is coarse and strong, and the nail of the last toe is very much worn. Further, in the case of young poultry, the down underneath the wings is

"BROWN BESSIE" — One of the most perfect colored single Comb, Brown Leghorn females ever produced. Galt, Jan. 2 to 4, score 941.2, and 2nd prize by Mr. L. G. Jarvis. Best colored Leghorn on exhibition: 116 Leghorns at the show. Owned and bred by W. J. Player Galt, Ont.



### I never won a single prize

on a bought or borrowed bird, or on birds hatched from boughten eggs. I did not win everything in sight; but birds in these pens, which I offer eggs from, besides a number of other winnings, have won as follows:—

#### S. C. Brown Leghorns.

'97, Guelph, 3 entries, 1st and 2nd hen and 2nd pullet. '00, Galt, 2 entries, 2nd pullet, 3rd hen. '00, Brantford, 2 entries 2nd and 3rd hen.

#### Buff Leghorns.

'99, Ingersoll, 2 entries, 1st and 3rd hen. '00, Brantford, 2 entries, 2nd hen. '00, Seaforth, 2 entries, 1st hen and 1st pullet. Prize winning males of my own breeding head these pens.

NOTE.—If you want Leghorn eggs, genuine ones, either brown or buff, from birds that are strictly in it, try me. 15 eggs, \$1.50, either variety, 10 chicks guaranteed, or will duplicate order at half price. Address,

W. J. PLAYER, Leghorn Specialist,  
900 GALT, ONT.



**L. H. DAVIS,**  
PORT JEFFERSON, N. Y., BREEDER OF

**PRIZE WINNING GOLDEN WYANDOTTES**

EXCLUSIVELY. STOCK AND EGGS IN SEASON.

**EGGS \$3.00 PER 15, \$5.00 PER 30.**

**Vineland Poultry Yards** BREEDER OF  
PURE BRED

BARRED AND W. P. ROCKS, SILVER AND W WYANDOTTES AND L. BRAHMAS

Silver Wyandotte pen headed by 1st prize cockerel at St. Catharines Fair; also pen of W. Wyandottes mated direct from C. C. Shoemaker, and Hawkins' strains. B. and W. Rocks—I have bought of Mr. Stagg one pen, my choice of his flock of barred Rocks, to add to what I previously owned and will sell

Eggs for the remainder of the season at \$1.25 per setting of 13.

Two grand pens of barred Rocks admired by all who see them. C. FRITZ, Vineland, Ont. 600  
Eggs guaranteed fertile.

**TWO HUNDRED BIRDS FOR SALE CHEAP**  
EVERGREEN POULTRY YARDS.

Again I met the enemy and

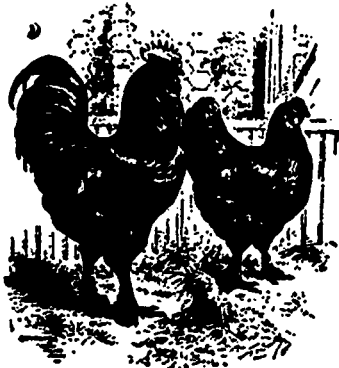
**WON A GREAT VICTORY AT DETROIT SHOW,**

January 8th to 12th.

winning, 47 regular and 21 special prizes, including Silver Cup for best Rock cockerel. \$5 for 10 highest scoring Rocks, Bone Cutter for best display. L. Brahmans, 1st hen, 1st pullet, 3rd cock, 2nd pen, Buff Cochins, 1st and 2nd cocks, 3rd and 4th hens, 1st and 4th cockerels, 1st and 2nd pullets. 1st pen, golden Wyandottes, 2nd cock, best on weight, 2nd, 3rd hens, 1st cockerel, also winning on Buff and silver Wyandottes; all the prizes on Black African Bants, silver Sebrights, 1st cock, 1st and 3rd hens, 1st chl, all on B. Cochins Bants. Black Tail Jap, 1st cockerel, 1st pullet for sale, \$7.00. I have mated up a pen of my best buff Cochins, headed by 1st cock, hens and pullets. Eggs from this pen \$5.00 per setting. Eggs in season from all varieties. 500

E. H. DONNELLY.

Sandwich, Ontario



**Aqueduct Poultry Yards**

**BLACK LANGSHANS AND  
BUFF WYANDOTTES**

Although I have never yet had a report of a bad hatch of eggs sent from my yards; yet so many are afraid of the risk of eggs, that

**I HAVE DECIDED TO BOOK ORDERS NOW FOR A LIMITED NUMBER OF CLUTCHES OF CHICKS,**

which will be shipped (with the hen) at about two weeks old; 9 chicks to the clutch at \$6. These will all be from choice stock. John F. Hill, Welland, Ont. 500

**Baumann's Black Minorcas,**

On top as usual.

At Detroit Show, June 1900, S. Butterfield judge, we won: 1-2-3 cock, 1-2-3-4 cockerel, 1-2-3 hen, 1-3-4 pullet, 1-2 pen, also 20 specials. Rose Combs—1st cock, 1st hen, 1st pullet.  
At Chicago Show, Jan., 1900:—1-2-3 cock, 1-3-4 cockerel, 2-3-4 hen, 5 pullet, 1st pen, 1st best dozen white eggs, \$25.00 silver cup for best display.

20 COCKERELS FROM \$1 TO \$10. EGGS \$1, \$2, \$3. SEND STAMP FOR CIRCULAR.

BELLE ISLE POULTRY YARDS, 169 Field Ave., Detroit, Mich.

All orders to the Dominion shipped from Windsor, Ont.

600

long, soft and distributed over the surface of the skin with a great deal of regularity. Also upon the skin delicate and rose-colored little blue veins are discernable. A bird more than one year old has no more down, nor are the small veins perceptible under the skin, which becomes dry, devoid of lustre, and recalls the appearance of flour. For pullets that have not yet commenced to lay, the bones of the pelvis or basin, almost touch; in the case of fowls that have commenced to lay, the bones in question are very far apart. Besides, old poultry, whether cocks or hens, have the eye lids wrinkled, the look on the face a little shrivelled. These indications are very plain, with respect to old birds. The late Professor Cornevin was able to fix very accurately the age of cocks by the dimension of their spurs. Thus in the matter of common breeds, the place of the spur is simply indicated by a scale larger than the others; between four and a half and five months the scale seems to bend a little, while forming a light point in the centre; at seven months the spur is three millimetres long; at twelve months it is fifteen millimetres and very straight; at two years, it is twenty-five to twenty-seven millimetres, the spur displaying at the same time, a slight curve; at three years, the length is thirty-six to thirty-eight millimetres, and the bend is clearly upwards; at four years, the spur is fifty to fifty-four millimetres, while at five years old sixty-two to sixty-five millimetres long.

Such races as the Dorkings and Houdans that have five toes, the spur it situated higher up; with the Cochins and Brahmans, which have feathered feet, the spurs are shorter, more bulky, and not pointed, and at three years of age, are not more than twenty to twenty-seven millimetres long. Fighting cocks have the best developed spurs of course; they are straight and pointed. With ban-

tans their spurs are so short as to be almost undeveloped, so that they cannot afford any indication to judge their age. There is still another method to calculate the age—of both sexes—and based on the renewal of the wing feathers. This process of renewing follows an invariable order. The feathers for flying are the covering for the wings attached to the shoulder, and which are the smallest in size; these secondary feathers grow on the bones of the forearm, the primary feathers being situated at the extremity of the wings. The renewal of these feathers, known as the remisage or moulting, are for the young, as compared with the adult, sharply pointed. It is the large interior feather, most frequently near the body, which is the first to fall; and is the tenth one, in counting from the most external feather. The moulting then continues from inside to the outside. But the primary feathers on the wing remain until the moulting time of the following year. As in the case of young pheasants the moulting of the pullets are never replaced before the end of the fifth month, and even during the sixth; the pullet has had by then two replacements of the primary feathers in the wing. All the several moultings, allowing twelve days on an average for the development of a feather, and thirty for the last, and definite stage, it may be fixed at six months before the pullet possesses all permanent feathers. M. Schutzenberger of Strasburg has remarked, that in the case of young pheasants, and the same remark holds good for pullets that after the first definite moulting, the wing feathers are always sharply pointed, and when the second remisage arrives, that is, in the following year, the precise age of birds can be accurately known during two years. By a study of all these indications, the poultry breeder, can be secured good and profitable birds for his yards.

## MONTREAL POULTRY ASSOCIATION.

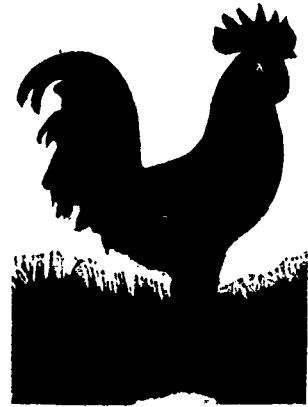
THE annual meeting of the Association was held on the 26th of March, 1900, when the following were elected officers for the year: President, S. R. Clendenning; 1st vice-president, G. Gravel; 2nd vice-president, G. C. Philpott; 3rd vice-president, Wm. Cox, Jr.; secretary-treasurer, J. P. Cullen. Executive Committee—H. Dunn, J. W. Payne, H. Cross, W. Gallagher, A. M. Radley, H. Bourdon, R. W. Hopper, J. Bevington, W. J. McBride, G. W. Rush. Auditors—H. Sears and A. P. Marshall.

It was decided to engage two judges for next show, and the choice fell upon S. Butterfield and C. E. Rockenstyre, of Albany, both of whom will judge the poultry. Other judges will be engaged for the pigeons and pet stock. Mr. Currier will be secured again to judge the pigeons if it is convenient for him and every effort will be made to make a better show than even that of this year.

The object of getting two poultry judges is to get the judging done as quickly as possible and get the score and prize cards up so that the public will know the scores and winners within a short time. There was such a large entry this year that it was really too much for one judge, and a number of the birds had to go without scoring. The public will see that the association is doing a good work and is trying at least to give all the satisfaction possible, and the engagement of two judges will be a long step in advance which ought to meet with approval and encouragement.

With two such judges for the poultry there ought to be a big entry, and a prize won at the Montreal Show will be worth having to any breeder who may be fortunate enough to win one.

## BUFF LEGHORNS



Golden Boy, 1st  
and silver cup, Toronto.

2

SOLID

BUFF

PENS

## NOW FOR EGGS

to breed winners for 1900. Will sell you  
EGGS same as we use ourselves, \$3 per 12,  
\$5 per 24.

SPRY & MICK, 230 LISCAR ST., TORONTO.  
P.S.—WE BREED OUR WINNERS. 500

## DUNNE'S Specialties.

Buff Leghorns, Rose Comb Black  
Minorcas.

Buff Leghorns.—This is my eighth season with this popular variety. My breeders are the best I ever raised, the pick of over 100 birds. Eggs \$1.50 per 12.

Rose Comb Black Minorcas.—I believe I was the first to exhibit this "come to stay" variety in Canada. My breeding pen is selected from birds I raised from the four best strains on the Continent, being good in shape, size and color. Fine winter layers. Headed by imported cockerel, a typical specimen (see January "Review") Eggs \$2.00 per 12. Satisfaction guaranteed. H. Dunne, 1492 Queen W., Toronto. 500

It is altogether likely that another cup will be placed on barred Rocks and there ought to be a still greater competition next year in this popular variety. Already, many of the fanciers are preparing and looking forward to Montreal's next show with more than ordinary interest and a big amount of hope.

The dates will be the same as this year in order to suit Mr. Butterfield, who will come from the Boston show and begin judging on the Thursday morning. It is very likely, however, that the association will arrange for Mr. Rockenstyre beginning on the Wednesday morning.

## CANADIAN EGGS IN ENGLAND.

MR. T. CARR, a gentleman who is evidently most familiar with the subject he handles, has in the English "Poultry" been giving some of his experience on the egg question from a purely commercial standpoint.

We take pleasure in drawing our readers' attention to the following extracts from his article. It should prove a useful lesson to us in breeding, collecting and shipping.

"It was recently stated in 'Poultry' by an intelligent and highly educated poultry fancier that there was no such thing as the best laying hen. We have the swiftest-footed breed of horses, the heavy draught breed of horses, the breed of sheep which grows the shortest wool, the breed which grows the longest wool, and the breed which grows the poorest quality of wool, and so we have the best laying hen. The queen of the poultry world is the hen bred from two of our best laying and non-sitting breeds. This is the breed which lays the most eggs at the least cost in twelve months, and the home for her is every farm and poultry yard. This breed of laying hens is the most fruitful and profitable of any living thing on a farm or about a home.

These cross-bred laying hens solve the problem of successful poultry keeping for egg-produc-

tion, and no other breed of fowls will yield so large a profit and quick returns on the capital invested. There is no kind of poultry keeper who prospers so much as he who keeps a large number of them, 200 to the acre and in 500 lots."

\*\*\*

"When the McKinley Tariff Act came into force, in 1890, it affected the egg trade in Canada very seriously. Until that period the Canadians exported their eggs across the line to the States. It was at this period that the Canadians initiated their egg trade with the old country. During the past five months hundreds of tons have been imported into Liverpool, but for which we should have had an egg famine. I have several times crossed the Atlantic, and visited many of the farms both in the States and Canada, where large numbers of fowls are kept for egg production. The American farmer exports, with one or two exceptions, nearly the whole of his productions after meeting the home demand, except eggs. These he never exports; the home demand requires every egg produced, and is then not satisfied. I have seen less fertile land in the province of Ontario isolated and miles away from a village market, owned by farmers whose interest of the purchase money of the farm far exceeded the average rent paid for the best arable or grazing land



Now is the time to get rid of lice.

Use

## LOVELL'S LICE LIQUID

IT IS A COMPLETE CURE at small cost.

Gal. 75c., Half-Gal. 50c., Sample Cans 20c.

Agents wanted.

G. J. LOVELL & CO., Manufacturers, Carlton West, Ont.  
500

in this country. These farmers have to depend upon consumers in the old country to make their business pay.

"As a proof of their sagacity, determined perseverance, and shrewdness, I may add that they pack their eggs in boxes with two divisions, each holding fifteen dozens, with separate square cardboard partitions for each egg, with a square cardboard tray between each layer. When the box is filled it is at once sent to the cold storage, and there kept at a temperature of thirty degrees to thirty-two degrees for months, until the time for export arrives. The accumulation of thousands of boxes by the time the export trade commences enables the Canadian farmers by combination to transport their eggs say from Toronto to the merchant's door in Liverpool or London, a distance of 3,000 miles, at one halfpenny per dozen. I have a special station

## Use Guest's Roup or Tonic and Condition Pills.

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

They are especially suited for Roup, Roupish 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 overlying. For Scour or Diarrhoea in Chickens, young Pigeons, Turkeys, etc. Canker. Leg-weakness.

Since the introduction into Canada of these Pills, the Agent has received numerous letters from Fanciers all over the Dominion endorsing the Pills in the highest manner.

WARDVILLE, ONT., Jan., 1897.  
READ THIS—Dear Sir,—I can recommend them to be the best. I tried several other receipts, but no good. I had one hen nearly blind, I gave her three Pills. She is now in good trim. Send me another packet.—E. J. YORK.

SEAFORTH, ONT., Oct., 6th., 1886.  
Dear Sir,—Please find enclosed one dollar for your celebrated Roup Pills. A brother fancier met me in the street to-day, he wished to get the pills as he has some sick birds. He used them last winter and found them good. A good article always will recommend itself.—JOHN FINCH.

Sold in Packets for 25 cents and one dollar. Address James H. Cayford, Box 1168, Montreal.

## West's Fluid

IS A CHEAP AND EFFECTIVE DISINFECTANT

and LICE DESTROYER also a SURE CURE FOR CHICKEN CHOLERA, Roup and Scabby Leg, etc.

Price 90c. per  $\frac{1}{2}$  gallon; \$1.50 per gallon.

WEST'S CARBOLISED BARK is good for sprinkling on setting hens.

MFRS., THE WEST CHEMICAL CO., Toronto  
1000 Ont.

## White Plymouth Rocks

Exclusively.

At the Lambton Poultry Show, December, 1899, my birds won two 1sts, one 2nd and a special prize in competition with forty-two white Rocks, all single entries. I will sell eggs from my pen of prize-winners for \$2 per 13; reduced rates for larger orders. Show and breeding birds for sale at all times. Prices right.

ALBERT EDWARDS,

500

Petrolia (East End), Ont.

## S. C. Brown Leghorns.

THE KIND THAT WON AT

NEW YORK AND BOSTON IN 1900.

Eggs \$2 and \$5 for 13.

Catalogue Free.

GEO. H. BURGOTT,

Empire State Farm, Lawton's Station, N.Y.

## ROUP CURE GUARANTEED. ROUP

CONKEY'S ROUP CURE is the only remedy that will cure roup in all its forms as long as the fowls can see to drink. For canker, especially in pigeons, this cure excels all others. It is simply put up in drinking water and the fowl takes its own medicine. The lives of two chickens is enough to pay for one tube which will cure a hundred or more. Directions in every package. If this fails we will refund the money. Sent postpaid. Small size 50 cents, large size \$1.00.

PETALUMA INCUBATOR CO., Petaluma, California,

Pacific Coast Agent. G. E. CONKEY & CO., Cleveland, Ohio.

C. J. DANIELS, 221 River St., Toronto, Ont., CANADIAN AGENT.

case mention this paper. Do not send stamps.



## PERSIATIC . . . Poultry Powder

Is a safe and sure remedy for all kinds of Lice on POULTRY.

It is harmless to hens and chickens. Dust your birds with PERSIATIC POULTRY POWDER and INSECTS CANNOT LIVE.

A leading poultry breeder says he tried everything and could not keep his valuable birds from being lousy, nor keep them clean, until he tried PERSIATIC POULTRY POWDER.

25 CENTS PER CAN.

## Persiatic Poultry Spray

Is the only effective spray for removing insects in Poultry Buildings. SOLD BY ALL DRUGGISTS. TRY IT. 25 CENTS PER BOTTLE.

MANUFACTURED BY

THE PICKHARDT RENFREW CO., Limited  
STOUFFVILLE, ONT.

## The Diseases of Poultry.

By D.E. SALMON, D.V.M.

A 250 page book fully illustrated. Treats of diseases of all kinds, fully and plainly

PRICE FIFTY CENTS. FREE BY MAIL.

ADDRESS,

H. B. DONOVAN, TORONTO.

to station rate at owner's risk from Liverpool to London of 13-4d. per dozen, 200 miles!

"The best Canadian eggs this winter have commanded from 10s. to 10s. 6d. per 120 in the wholesale markets, whilst the general price for lower grades have been from 9s. upwards. This week I paid 10s. for third quality to send back to Canada—at least, to be consumed on the voyage out. I know hundreds of farmers in North Lancashire who rush their eggs to the nearest little village market, and accept with humble thanks whatever price the middlemen give them. In the flush of the supply in the spring I have seen eggs sold at twenty and twenty-two for a shilling. If these egg producers would only combine, and consult their own interests by packing their eggs in a somewhat similar manner to the Canadians, and forward them to a cold storage for preservation for two months, they would be enabled to

pocket a clear penny for each egg when they were sold two or three months later. In a very short time the cold storage of eggs in this country will revolutionize the English trade, and enable the producer to sell his eggs the year round at a shilling per dozen, where at the present time, unless he is within hailing distance of a large town, he only receives 8d. and 9d. This is much below the price obtained by the Canadian producer, who, bear in mind, is 3,000 miles from his market.

"Every outward and homeward trip of the Oceanic 19,000 eggs are required for consumption by the passengers and crew. Only a very small proportion which are cracked at the breakfast table are home produced, the rest are of foreign importation. From the first revolution of her twin screws to the stoppage at her destination, an egg on an average is broken every minute. The steamer runs twelve times to New York and home in twelve months, thus requiring 228,000 eggs during the year. It takes 2,300 hens to produce these. If we consider the number of steamers that leave Liverpool in the course of a year it is astounding the number of eggs consumed, 95 per cent. of which are of foreign production.

"Last November I received an order to supply eggs to a first-class twin screw passenger liner, chartered to convey 2,500 troops to Durban from Liverpool and Queens-town. The eggs were to be of home production and the price unlimited. I was unable to purchase a single egg of English, Scottish,

# TORONTO POULTRY AND GARDEN PRODUCE CO., LIMITED.

GLENNAVY FARM - DAVISVILLE, ONT.

**White Wyandottes.** The general purpose fowl. Large Brown Eggs.

\$1.50 per Setting; \$6.00 per Hundred.

**S.C. White Leghorns.** The greatest egg producers. Large White Eggs.

\$1.50 per Setting; \$6.00 per Hundred.

**LIGHT BRAMMAS (Silberstein) \$2.00 per Setting.**

We have on hand the best White Leghorns—the great money makers as egg producing birds.

White Wyandottes—the best general purpose fowl for table and eggs; good winter layers.

We have for sale a limited number of birds in first-class condition, also eggs for setting and in incubator lots.

We aim at the best for ourselves—you will want the same.

Write for full particulars to

**J. M. WILSON,**  
Manager,

Toronto Poultry and Garden Produce Co,

Davisville, Ont.

Telephone 4030.

ff.

or Welsh production at any price; not a genuine egg in the whole of Liverpool could be bought. I had the utmost difficulty in procuring Irish eggs in sufficient numbers to supply the breakfast table during the run out of eighteen days. The great bulk of my supply was the best Canadians, and in condition and freshness they far exceeded the continental.

"Since Christmas, through the demand for eggs and the foreign supply being exhausted, the prices are higher than for any time during the winter. This week (February 9th) I was two days procuring 1,000 eggs in the wholesale market. The eggs coming forward were mostly purchased to arrive. Fifty years ago every man, woman, and child upon an average consumed of imported eggs one each, last year the consumption had increased to fifty-five per head."

## TORONTO POULTRY ASSOCIATION.

THE regular monthly meeting of the Toronto Poultry, Pigeon and Pet Stock Association was held in Temperance Hall, March 12th with the president, Mr. John Chambers, in the chair.

Mr. George Schofield was proposed as a member and accepted.

The president made a report regarding the meeting of the delegates to the Industrial Exhibition.

Mr. R. Gore moved, seconded by Mr. Colville, "That an effort be made to have no names on the entry tickets at the Industrial Exhibition until the judging is completed"—carried unanimously.

One of our members kindly brought a black Minorca pullet to the meeting, but Mr. Durston, who acted as judge, disqualified the bird for white in the wing. This was rather unfortunate, as it prevented the usual discussion

and criticism of the judge's work, which in the past have proved both interesting and instructive.

Just at the close of the meeting the president presented Mr. A. H. Lake with a handsome life-sized crayon picture of himself, which was kindly donated by Mr. Wolf (son of the first vice-president of the Association) for the largest and best collection of barred Rocks at our late show, and won by Mr. Lake. The picture was nicely framed and was not only a credit to the artist—Mr. Wolf—but to the "Art" who won it. Mr. Lake, in a few well-chosen words thanked the donor for his kindness in offering such a fine special on such a grand breed of fowls—barred Rocks.

The meeting then adjourned.  
E. J. DEWEY, Sec.

**Eggs for Hatching**—Prize light Brahmas, barred Plymouth Rocks and white Wyandottes, \$1.50 per 15. High grade white and barred Plymouth Rocks, single comb white and brown Leghorns. Eggs, \$1 per 15. Honest dealings. C. B. Huff, Delaware, Warren Co., N. Y.

# POULTRY FROM A PRACTICAL STANDPOINT

Conducted by **A. G. GILBERT**, Manager Poultry Department, Dominion Experimental Farm, Ottawa.

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

**H**ERE is a laudable ambition. Mr. Hopper, a farmer of Kemptville, writes that he is going to invest in a few settings of barred Rock eggs from the best breeders. "I want to show the chickens next winter at Ottawa. I want the best." He is evidently bound to make it warm for some one. And the more the merrier.



As result of experiments with different egg preservations, Prof. Shutt, chemist to experimental farms, says that no liquid is better than the old fashioned lime-water mixture. Here is the result of examination of eggs kept in lime-water continually for fourteen months: "White, somewhat discolored. Yolk, of normal shape and size and quite firm, apparently in excellent state of preservation. No marked odor. Packed well and quite sweet." Mr. Shutt's own words are: "As far as our experience goes no other is equal to saturated lime-water, the eggs from this preservative being far and away superior to those kept by other methods."



Mr. Tomlinson, of Amherstburg, says that he has a trio of B.B.R. Game Bantams. One hen lays her eggs in perfect condition, but the other lays an unusually small egg and recently seven of them were without a yolk in either of them. He wants to know if the cause is due to overfeeding or is it a habit peculiar to the breed. Perhaps our mutual friend, Mr. McNeill would say.

Artificial hatching and rearing of chickens is making headway in Nova Scotia and New Brunswick. Recently Mr. Jones, of Sussex, N.B., an enthusiastic poultry breeder, took out of his incubator sixty-five lively chicks from eighty-four tested eggs. He says the eggs were mostly February ones. An enquiry to-day by a correspondent in Nova Scotia as to the names of reliable Canadian poultry breeders, resulted in a spare copy of the March Review being sent to him. That should fill the bill.



Mr. Paul S. Black, of Wolfville, N.S., is putting up quite an extensive poultry plant a few miles west of that town. Mr. Black was in charge of the chicken fattening station in his district and which was under the auspices of the Commissioner of Agriculture and Dairying for the Dominion.



Our esteemed friend and correspondent, Mr. A. Guy Goodacre, of Grand Pre, N. S., writes that he is stronger in the poultry business than ever. He has better buildings and a better trade. He had recently sold 400 eggs for incubators. Last season he sold his chickens at the following prices: July and August, 35 to 45 cents each; later, 50 cents each. His chicks were principally Wyandottes. Mr. Goodacre is firmly convinced that there is no better egg layer and flesh former than the white Wyandotte.

The following may be useful to some of your readers. Mr. A. A. Evans, of Kingsey, Que., writes: "My hens got the bad habit of eating their eggs, but I stopped that by making trap nests which shut when the hen goes in, but will allow her to come off without letting other hens on the nest. I find that very few hens eat their own eggs." With a well balanced ration, sufficient room, and the necessary exercise, there should be neither egg eating nor feather picking. But despite all precautions, it is difficult where hens have laid well all winter, in limited quarters, to keep some hens more vicious than others, from finding out that some eggs have softer shells than others and in such a case the trap nest is useful.

## INTERESTING LETTER.

ON THE QUESTION OF RATIONS AND QUANTITY TO FEED.

**M**R. R. HUNT, of Halifax, who has kept poultry in England and this country for twenty years, writes in reply to my invitation in last number, for exchange of experiences on winter rations and proper quantity to feed as follows:

"Dear Sir,—With regard to your enquiries, the rations I fed to the Mediterranean class were, in all probability, more than were fed to others. One is apt to give more in proportion to eight or ten than to fifty.

## ROSY VIEW POULTRY YARDS

**Nelson Wagner, Proprietor,  
Hanover, Ont.**

Breeder of Golden Wyandottes exclusively. Pen No. 1, headed by an imported J. A. Moon cockerel, value \$15, mated with eight good pullets (Keller Strain.)

Eggs from this pen, \$1.50 per setting, two settings for \$2.50. Pen No. 2, headed by a Keller cockerel, mated with my own strain pullets. All good birds; are all healthy and strong.

Eggs from this pen, \$1 per setting straight. Stock for sale at all times. Nelson Wagner, Hanover, Ont. 200

"I find the Mediterranean class will eat nearly twice as much—in a given time—than other breeds. pullets undoubtedly require more food than two-year-old hens, and without it will not lay till late. Moreover, there is not as much fear of over fattening, especially with the Mediterranean breeds.

"I have often been puzzled how your poultry did anything on so small a ration, but your mid-day ration—not accounted for—means quite an item.

"I should not consider nearly twice as much as you state in your reports too much to feed, particularly when the flock had their liberty. In the moulting season not so much food is consumed. Birds penned up neither eat nor are they able to digest as much food as when at liberty.

"Experience teaches. I find it necessary, for by only good judgment and management can one find out what his or her flock needs. It is the safest plan to go by. Without constant attention and observation eggs cannot be obtained in winter. Aptitude for the business is also required.

"I firmly believe in artificial heat, for I have noticed that I got double the number of eggs in cold weather from hens in sheltered houses and where plenty of sunshine entered than from the hens in colder houses.

"I have never tried green bones, but have no doubt they are good. In the old country green bone is considered too stimulating. I once tried dry cut bone but found it produced dysentery. I found clover leaves and hay-seed, collected from under the loft where the hay is thrown down very beneficial.

"I have never kept a more accurate account than a balance sheet, and by reference to it I find it costs about seventy cents per year per hen for feed, not reckoning vegetables. I think that unless sixteen cents per dozen for eggs can be obtained a loss is in-

evitable. I should very much like to hear the results of your enquiries when obtained. If I can be of any further service to you in this matter please say so, for poultry keeping has been one of my hobbies in the old country and this."

Yours very truly,  
R. HUNT.

DR. NIVEN IS AMUSED.

A REVIEW OF REVIEW.

Editor Review:

I HAVE just been reading over your last issue of the Review and find many things interesting and some rather amusing.

I find that Dr. McGillivray says there are no pure golden or Lady Amherst Pheasants in the country "amusing."

I find that in France where so many eggs are needed all the year round and where the subject of egg preservation has been made the object of a government commission, that not a word about the cold storage eggs is mentioned while in this country all the large exporters use the cold storage method entirely and with the best possible results if the temperature is kept even and constant and the air is kept free from impurities; as for pickled eggs as far as I have been able to learn, they never command the same price as the cold storage eggs on account of the appearance of the shells after being pickled. I am now using cold storage eggs that I warehoused last July and have yet to find one that is in the least turned in its freshness. I am indebted to Allan Bogue for the eggs, perhaps being pure bred eggs has something to do with the good keeping qualities. After various experiments we have decided that a temperature of 31 1-2 degs. is the correct one for keeping eggs. If eggs are carefully handled before being put in cold storage and placed at the proper temperature at once, not left out

## S.C. Brown Leghorns a Specialty

At Winnipeg, '99, on 3 entries, 2 first, 1 second; at Woodstock, 1900, Cook first, score 92, second 91 Cockerel, first, 91 1-2; at Ingersoll, 1900, 3 entries, 1 first, 3 seconds, 1 third; at Peterborough, Hens second and third, Pullets third, first and special for Breeding Pen.

Birds for sale at all times, and EGGS in season at \$1.50 per setting, or \$10.00 per 100.

Address all correspondence to  
J. G. TAYLOR,  
Box 385, Woodstock, Ont.  
S. C. Brown Leghorn Specialist. 500

## COOK'S BUFF WYANDOTTES

again cover themselves with laurels. When at the Ontario Show, Peterboro'

in the hottest competition, they won Cock 3rd, Hen 2nd, Cockerel 1st, Pullet 1st (more prizes than any other exhibitor in class). Also, 6 firsts, 6 seconds, 1 third at

Toronto, "Industrial", Western London, Southern, Brantford Fall Shows, 1899.

Eggs for sale in season.  
Box 324 HARVEY J. COOK,  
900. Woodstock, Ont

## Bellevue Poultry Yards

Hy. Dunn, Proprietor, Outremont, Montreal.  
Breeder of high class exhibition

## WHITE PLYMOUTH ROCKS

At the late Montreal Exhibition my birds made almost a clean sweep, winning 1st, 2nd, 3rd and 4th pullets, 2nd, 3rd hens, 3rd cock, 2nd breeding pen. Stock for sale and eggs in season; \$2 per setting of 13, three settings \$5.  
201

## London Poultry Yards.

W. McNEIL, Proprietor,  
778 Waterloo St. - - London.

BREEDER OF HIGH CLASS POULTRY.  
INCLUDING

White Cochins, all kinds of Polands and Hamburgs, Golden and Silver Sebrights, Black African, Pekin and Japanese Bants Fowls for sale at all times, and eggs in season.

## Housewives and Poultrymen!

\$1.00 Rids Hens of Vermin. Buy  
EVAPORATING NEST

EGGS (Medicated.) No dusting fowls or painting roosts. Just place them in the nests the same as china nest eggs. They evaporate, throwing off an odor that is obnoxious and destructive to vermin, and drive the lice and mites away in ten days in our guarantee. Agents wanted everywhere. Canvassing sample, 12 eggs, \$1, or descriptive circular free. Address,

Nethaway & Miller,  
201 Wahoo, Neb.



in a warm place for some days, they will come out as fresh as when placed in storage.

After taking them out they should be warmed up very gradually and I find they keep well for three weeks. It is a mistake to think that cold storage eggs require to be used at once, after being taken into a higher temperature.

I hope this is interesting as is the article by Mr. Babcock, which I consider both interesting and instructive and I hope the object with which it has been written will be taken to heart by many disappointed purchasers of eggs of the breeds he mentions, Andalusians and Rhode Island Reds, which evidently throw back to the strains they were originally taken from.

The Rhode Island Red must be a very useful sort if you can breed four different varieties of fowl from the same pen. It is a sort of omnibus fowl and well worth cultivating, but I fear Mr. Babcock will be in hot water if some of the Rhode Island Red Club members read his article and may look for him with a c—b.

Next, I came to Mrs. Marshall, on buff Orpingtons. She says they are larger and heavier than buff Plymouth Rocks, hers may be so, but the most of the specimens I thought not quite so heavy as Rocks, but she is quite right in saying they were full of vitality and from what I saw of them they were much more brisk in their actions than Plymouth Rocks, and apparently great foragers and from that one point I know they will be good layers. I would here ask if it would not be a good point in the infancy of the breed to change the name just a little and that change would obviate the confusion between them and the B.P.R. I would with fear and trembling suggest that they be called buff mottled Orpingtons, as all the better females I have ever seen were not

a pure buff but were decidedly mottled and these Crystal Palace winners at this. (Kindly tell your readers I am going from home and will not be back for a very long time.)

Mr. G. J. Lovell must be like myself, a T—y. I have had a little, very little, experience with W.P.R. and they were not from O.A.C. strain, and I am loth to say that they are not as robust as they might have been, nor do I think that Mr. Graham made his statements entirely on the O.A.C. strain.

I think if you can find room to print this review in the Review, it will show that you are doing a good work and making your columns so interesting that it becomes necessary to say something about what you do publish.

Yours very truly,  
J. S. NIVEN.

London.

P. S.—I have just imported a pair of Crassaphilon Pheasants, known as the Eared Pheasant. They are very tame and I think will do well. J. S. N.

### THE DOWNWARD STEPS.

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

**W**HEN a breed of fowls begins the descent which ends in utter extinction it enters upon a progress marked by certain distinct steps, each closely connecting with the others, like the links of a chain. Let us address ourselves to the concatenation of events which mark the fall of a breed.

The first event or downward step, is a gradual loss of interest in the breed. This may be due to a great variety of causes, but probably the most prominent among them is the sudden boom that some breed is receiving. All men's attentions are drawn to this new comet in the poultry firmament, watching its blazing progress from nothingness to final chaos. And while their minds are

thus occupied the older breed is neglected.

And this causes the second downward step, for with loss of interest and neglect, fewer specimens of the old breed are reared. Those, who still retain it, do not rear so many chickens, and some, who used to keep it, give it up for the latest "fad" in poultry raising. And thus it comes about that the number of specimens of the breed is greatly reduced.

With this reduction in number of specimens and in number of breeders, the chances of obtaining strong, vigorous and not closely related males to head the breeding yards are also reduced. And this brings us to the third downward step, the beginning of a period of long continued and close inbreeding. With each succeeding year the diminished and diminishing numbers of the breed are becoming more closely related, and of course the inbreeding necessarily becomes closer and closer. Whether this of itself would ever bring injury is not really known. Perhaps it would not, if all the defects of a fowl nearly related fowls are more likely to have similar defects than those which are not akin, the practical results of inbreeding, when long continued, are injurious.

And so we arrive at the fourth downward step, where long continued inbreeding has begun the work of deterioration in the fowls. They by almost imperceptible degrees diminish in size. A few ounces less this year, a few ounces less next year, and so until one, two or three pounds have disappeared. And with this diminu-

## Natchez Poultry Yards.

GRESSMAN BROS., PROPRIETORS, - - BERLIN, ONT

BREEDERS OF STRICTLY FIRST-CLASS STOCK.

We have a limited number of eggs to spare this spring, from the following breeds:—BLACK MINORCA, BARRED PLYMOUTH ROCKS, WHITE WYANDOTTAS, and SINGLE COMB BROWN LEGHORNS. All my breeding pens are pure blood, my Leghorns a specialty. Order early. EGGS \$1.00 per setting. Stock for sale in the fall. No culls at any price. 600



tion in size of the fowl itself comes a diminution in the size of the eggs. While eggs and fowls do not have any fixed ratio to each other, yet as the size of a breed diminishes a reduction in the size of the eggs will be noted. Nor does the deterioration stop here, for the fowls begin to possess less vigor. The chickens are more difficult to rear, the eggs are not so fertile as formerly, and the hens do not lay so many. All these things tend to still further reduce the numbers of chickens reared each year, and necessitate still closer inbreeding.

The fifth state arrives. The fowl has so deteriorated in size and in the number and size of the eggs it lays, and in its hardiness, vigor and other good qualities, that it ceases to satisfy the demands of those who have stood were apparent, and so one could always choose perfectly sound specimens to breed from. But as defects are often hidden, and as by it through good and evil report. One by one they drop the breed, each defection in the ranks decreasing the probable number that will be bred, until the once prominent breed finds a hopeless obscurity settling around it, the precursor of the sixth step.

The sixth downward step is the fatal plunge out of the darkness of obscurity into the gulf of extinction. Henceforth the breed becomes a matter of history, unless the secret of its origin has been preserved, and the elements out of which it arose can be brought together again for its re-making.

At any time before the sixth downward step it would have been possible to have preserved the breed. By the bold introduction of fresh and unrelated blood, by the sending out of eggs to be hatched and the chickens reared in diverse parts of the country, under widely varying environments, afterwards to be brought together as breeders, by resorting

to the various expedients which experience has shown to be efficacious a breed need not be left to perish. But the most difficult, and the most necessary thing to save a breed from extinction, is to make and keep friends for it. The critical time in every breed is when it begins to be neglected. Then is the time to rally its friends to its support. The first step may

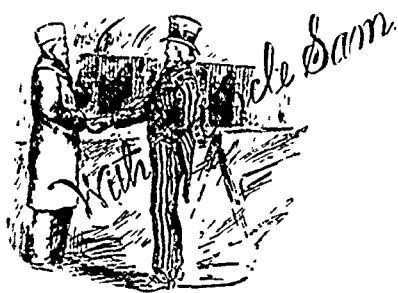
vival of the silver Wyandotte, the second downward step will be reached, and then step after step will probably follow. Fortunately, however, for this variety, it has a genuine popularity abroad, and it may be that English fanciers will preserve what American breeders have produced. But it seems to be very certain that a breed once started on the down-



A PAIR OF WINNING BUFF WYANDOTTES—"GENERAL BULLER" AT HEAD OF NO. 2 PEN, AND HIS MATE "LADYSMITH." BOTH COCKEREL AND PULLET WERE BRED IN MR. PERRIN'S YARDS.

cost but it counts. The silver Wyandotte, to cite an example, seems to be in just such a critical condition. Its danger is not acute, for there are many silver Wyandottes produced. But it has entered upon the period of neglect. Interest in the variety seems lost. The white and buff Wyandottes have the call. If this lack of interest continues, if there is no re-

ward incline, unless its progress is arrested will continue its descent with ever accelerated velocity. It cannot stop of itself. It cannot stand still. Either some force must stay its progress and reverse the direction of its movement or it will hasten on to the inevitable end, in obedience to the intelligible but irrefragible law, whose operation has been described in the preceding paragraphs.



THE AMERICAN INDIAN GAME CLUB.

THE American Indian Game Club is what its name indicates. It does not belong to any section—north, south, east or west, but to the whole country and it should be supported by breeders from every state. We want to see the club well represented in every section, in fact so well represented that it will be necessary to establish branch meetings so that all members may be able to attend a club meeting each year without going a great distance. We want the club to be so strong financially, that we can offer a cup each winter to each state having twenty members, cup to be competed for by mem-

bers only. In this way every section would derive a great deal of benefit and everyone could feel like supporting such an organization.

Fellow fanciers, if you will, we can make this one of the most interesting and influential clubs ever organized. We have a good foundation to build on; the Indian has a style and individuality all its own. No other breed is like it. It is the peer of all other table fowls and its style and beauty are unsurpassed. It is the "gentleman's



VICE-PRESIDENT  
W. S. RUSSELL, OTTUMWA, IOWA.

fowl," on the table and in the fancier's yards. With organized effort we can make it the "bird of honor" in America. Will you do it? Don't hang back to see what the "other fellows" will do. Take time by the forelock, join and get others to join. Remember, the initiation fee is only \$1 with 50 cents dues each year thereafter. All information will be cheerfully given by addressing the secretary-treasurer,

W. S. TEMPLETON,  
Dakota, Ill.



SECRETARY-TREASURER  
FRANK HECK, ALBANY, IND.

THE AMERICAN WHITE PLYMOUTH ROCK CLUB.

WE have pleasure in presenting our readers with portraits of the officials of the A.W.P.R.C., a club of great membership which is distributed all over the United States and Canada and is composed of the leading breeders of this popular variety. The white Rock is, in our experience, hardy, a quick grower, fair layer and an excellent table fowl. They pluck lean, have good full breasts and not above the average amount of offal for their weight.

The secretary of the club, Mr. Frank Heck, will be glad to send a copy of their handsome catalogue to anyone interested enough to ask for it.

ORCHARD SIDE POULTRY YARDS

Eggs for Hatching from W. Plymouth Rocks S.C. white and brown Leghorns, La-fleche, Silver and Golden Pencilled Hamburgs, black Cochins, black Hamburgs, Silver and Golden Polands Golden Sebrights and buff Pekin Bantams at \$2 per 13, Cayuga, Muscovy, Rouen and Aylesbury ducks at \$1.50 per 11, White Holland Turkeys, \$3 per 13, White Plymouth Rocks and white Leghorn eggs in incubator lots

Fairfield Plains, Ont

C. E. SMITH.



PRESIDENT  
MR. I. H. GEORGE, GROVELAND, MASS

# WE WANT ROOM,

so are compelled to dispose of a number of trlos of our best stock. These birds have all done their share of winning and can do the same trick again. Space will not allow of our stating what they have done, but we will be pleased to give full information and descriptions on application. As we require the room at once, the first enquirers will get the

## Lowest Price,

which is less than half their value, for with the warm weather we can run them in our summer houses and would not need to dispose of them at a sacrifice price. Do not think they are only surplus stock. They are the birds we kept last fall for our breeders and are our best. We will ship to reliable parties on approval, or if anyone purchases any and are not satisfied with them they may return them. Read this over and write us for a description of what you want.

**Cochins**—1 trio Partridge; 1 trio Buff; 1 trio black; 1 trio white. **Langshans**—2 trios black. **Minorcas**—1 trio black; 1 pair white. **Polands**—1 trio W. C. black; 1 pen W. C. white. **Andalusians**—1 trio. **Game**—1 trio brown red; 1 trio Silver Duckwing; 1 pen Pile. **Bantams**—1 trio black Rose Comb; 1 white Cochin hen; 1 black Cochin hen. **Game Bantams**—1 pen black reds; 1 pen brown reds; 1 pen Piles; 1 trio Duckwings.

You will never get as good a chance again to secure as good stock at the prices we are asking. We have got to get the space these birds are using at any cost. You can more than make the price of them during the coming breeding season. Write us at once.

**A. P. MUTCHMOR**  
**R. E. MCKINSTRY** Proprietors.

**OTTAWA POULTRY YARDS,**  
162 Sparks St., Ottawa.

## One Thousand New Standards. 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

*Canadian Poultry Review, Toronto.*



### DUNDAS POULTRY YARDS

Breeder of **BARRED PLYMOUTH ROCKS** and **S. C. B. Minorcas** and **S. C. W. Leghorns**. Have won 34 first prizes and 23 seconds and 4 thirds at Fall and Winter Shows this season. **One cockerel mating and 2 pullet of Rocks**. Two matings of Minorcas and one of Leghorns.

My matings were purchased and suggested by **S. Butterfield, Judge, London, Ont.** for this season.

One Barred Rock cock for sale, one year old, C. W. Willis strain, Stratford, Conn. Price \$5. Cost me \$10 last spring.

**EGGS, \$3.00 for 13; \$5.00 for 26.**

**I. K. MILLARD,**

Dundas, Ont.

Proprietor.

## Poultry Portraits

No. 1—ENGLISH TYPES.

Elegantly printed on Special Chromo Paper.

Size 9 x 12. Fit for framing. Contains:

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

Price 25 cents for the set of 12, free by mail, or sent free for two subscriptions to REVIEW with \$1.

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



**GUERNSEY CATTLE.**  
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 186 first, 60 gold specials, 18 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.

**GUERNSEY CATTLE.**  
**SCOTCH COLLIES AND FOX TERRIERS.**  
**JAMES FORSTH, Riverside Farm,**  
Owego, Tioga County, N.Y.  
Lock box No. 11.

**EGGS** FROM MY BEST BREEDING  
pen of **WHITE PLYMOUTH ROCKS** reduced to  
**\$2.00 per setting**  
of 13.

For record of their WINNINGS see ad. in March Review. IF you want the best, now is your chance.

**KILMOREY POULTRY YARDS,**  
**W. H. BESSEY**  
Box 13, 500 Coleman, Ont.

**THE TRENT VALLEY POULTRY YARDS**  
For **WHITE WYANDOTTES** that are  
**WHITE AND STAY WHITE**



### Eggs For Hatching

From pens headed by large, vigorous, pure white cocks and cockerels, and furnished with a grand husky strain of females all originating from America's most noted strains, viz., Hawkins, Knapp and Dutton.

Years of experience, together with intelligent breeding, has enabled me to bring my birds to the highest point of excellence. My breeders are **WELL UP IN ALL FANCY POINTS** required by the **STANDARD**. By **SQUARE DEALING** methods and this little ad. in the *Canadian Poultry Review*, my list of orders for this season is running up very fast, but can supply a few more settings to those who are after the best to be had. Write for circular and price list free. The T. V. P. Yds.

**W. M. REYNOLDS,** Box 518, Trenton, Ont.

### DEWEY'S LANGSHANS

Won at the Great Toronto Show (Canada's largest Winter Show) 1st and 2nd cock, 1st and 3rd hen, 1st pullet. Special for best collection; also championship ribbon for best bird in class and three other specials. At Eastern Ontario on four birds, 1st cock, 1st hen, 1st pullet, 2nd cockerel. At Ontario Show on three birds three prizes. Stock for sale and eggs in season.

**E. J. DEWEY,** 200 Carlton St., Toronto.

# The Advertisers' Help TO WEALTH.

Vol. 11.

MAY, 1900.

No. 5.

## SPECIAL FEATURES

of the CANADIAN POULTRY REVIEW.

Department on "Practical Poultry," conducted by A. G. Gilbert, Manager Poultry Department, Dominion Experimental Farm, Ottawa.

Department for "Turkeys, Ducks and Geese."

Department for "Bantams."

Department for "Incubators and Brooders."

Department "With Uncle Sam," (U. S. news).

Department "Poultry Ailments."

Numerous Illustrations, photos direct from file, all Show News, Prize Lists, etc.

The best articles written by the best men, 50c. per year, three years \$1.00.

### CHUCKLE.

We will let our advertisers speak for us this month. We wish but to repeat, this is a late season. Don't drop out too soon. Bantam breeders are reaping a big harvest this year. We help them.

We have no pet stock department. No space we can spare for it, and do not solicit this kind of advertising. Still, breeders say the Review pays them. Geo. Hope & Sons outside business steadily increases, and they are in it not for fun, but for a living.

\*\*\*

### A FEW UNSOLICITED TESTIMONIALS.

Note dates—no old timers. Note location—none at the North Pole; all within reach, and well known:

\*\*\*

#### WHAT THE LADIES SAY.

I am doing a very good business this season so far for which I can give you my word the credit, as it is the only paper I advertise in now. I have already received orders from customers that had bought stock from me two years ago, and eggs last year. I am receiving cards from customers that have bought eggs this season, and they are hatching 90 per cent. Wishing you every success with the Review."

Yours truly,

(MRS.) J. H. SHALES.

Toronto, April 17, 1900.

\*\*\*

This season has convinced me that advertising is the correct thing for the poultry fraternity to do. Have had a most successful season, and in a great measure it was due to the Review.

Best wishes for your success."

From yours sincerely,

MRS. F. E. FORSTER.

Branchton, April 19, 1900.

\*\*\*

I thought that I should write you a few lines telling you that I have had extraordinary success through the medium of your paper, as I have sold all the birds advertised and could have sold more if I had had them, and I can recommend the use of your

advertising columns to anybody who has birds for sale."

Yours truly, H. M. DYMENT.  
Barrie, March 5, 1900.

\*\*\*

"I have had good success through my two small ads. In your Poultry Review, and have sent stock to all parts of the Dominion, showing the great circulation of the Canadian Poultry Review. May it still grow, which I have no doubt it will."

Yours truly, A. D. STEWART.  
Galt, April 15, 1900.

\*\*\*

"Please find copy of ad. for April, and 60c. to pay for same. The Review has sold me out once more, as far as stock goes, but I have a few eggs to spare."

M. L. FARRELL.  
Glencoe, March 19, 1900.

#### REACHES THE U. S., TOO.

"Enclosed please find 25c. and copy of ad. for Bantam column of May Review. I had great success from last month's ad. I am shipping to-day ten Bantams to three different parties on the other side of the line."

L. T. MCGIVERIN.  
Galt, April 17, 1900.

\*\*\*

"I am a young hand in the business, but I find that your excellent paper is the place to advertise with profit. I am, therefore, going to ask you to insert the enclosed ad. in your next issue, and send me three coupons for further use. I hope to have stock for sale in the fall."

(REV.) G. S. ANDERSON.  
The Rectory, Morrisburg, Ont., April 13, 1900.

\*\*\*

"I am getting excellent returns from advertising in your Review. I am now selling eggs as fast as I can get them, and still have customers waiting. My stock is looking better now than ever, and everything points to a very successful season. Wishing you every success, and thanking you for the benefit I am deriving from your journal, I remain."

Yours truly, G. A. JONSON.  
Ingersoll, April 20, 1900.

\*\*\*

"Have sold a great many Game birds this winter and spring owing to my ad. in Review. It certainly pays to advertise in the Review, not for one month alone, but all the year around."

A. J. GRIGG.  
Clinton, March 20, 1900.

#### NOT CLASSIC, BUT—

"Please insert ad. in your valuable Poultry Review, for which I enclose price of same. I take several poultry papers, and I find the Review is not the only (in can on the dump. There are others, but none so good as the old Review, for which I have been a subscriber for about ten years. Trot in your bill when my subscription runs out, as I don't want to miss a number."

Yours respectfully, GEO. H. ANDERSON.  
Hawick, Que., April 15, 1900.

\*\*\*

J. M. WILSON, MANAGER. TELEPHONE 1030.  
Toronto Poultry and Garden Produce Co., Limited.

Davilla, Ont., 24th April 1900.

H. B. DONOVAN, Esq., Editor Canadian Poultry Review, 124 Victoria Street, Toronto.

Dear Sir,—Kindly continue our advertisement, making the correction as per enclosed. I am pleased to say the results have been most satisfactory, and in fact far beyond my expectations.

Yours truly, J. M. WILSON, Manager.

**H. B. DONOVAN, TORONTO.**

## DO YOU KEEP BEES?

If you do, you cannot afford to be without the  
**CANADIAN BEE JOURNAL**

It is a bright monthly publication, full of practical information on Bee Culture. One Dollar per year in advance. Special trial offer to new subscribers—Two years for \$1.00.

**Cool, Shapley & Muir Company, Limited**

Brantford, - - - Ont

## - Golden Wyandottes - EGGS \$2.50 PER 13. BIRDS FOR SALE.

Four buff Rock pullets, \$2 each, or exchange for Golden Wyandottes.

Excelsior Roup Cure and Tonic, 15 cents. Excelsior Frostine. Very healing for frosted combs and other sores. 15 cents box. Excelsior Nest-egg and Lice-killer, 5 cents each. AGENTS wanted.

EXCELSIOR POULTRY YARDS,

301 13 Water St., Owen Sound, Ont.

**"D"** Crushed Oyster Shells, Crushed Flint, Calcite, Ground Brick, Ground Beef Scraps, Meat Meal, Granulated Bone, Bone Meal, Send for samples and price-list American Poultry Food Co., Box 948, York, Pa.

## Poultry Foods

## HOLD ON!!!

Do you want eggs from stock that have won, will win, and will hatch winners for you? W.P. Rocks, W. B. and buff Wyandottes, R.C.W. and brown Leghorns, light Brahmans. All varieties of ducks and geese. We have R.I. Reds that are RED. There are none better, few as good. Try them and see. Eggs from the above fowls, \$2 per 15. R.I. Red eggs for incubators, \$3 per 100. We also breed and have for sale pheasants, swans, white and colored peafowls, and all kinds of rare imported wild ducks and geese. TASHMUT FARM. Box E, Shawmut, Mass.

## BLOOD WILL TELL

And we have it in our yards from some of the best strains in America. If you want to be on the winning side next fall in any of the following varieties get your eggs from us. We will use you right. S. C. B. Minorcas (Abbott strain), B. P. Rocks (Thompson's strain), W. Rocks, S. L. Wyandottes (Hawkins cockerel), W. Wyandottes, S. and R. C. B. Leghorns (Kulps), Rankin and Pollard Mammoth Pekin Ducks, Belgian Hares, \$1.00 a setting. F. Bettischen, Palmerston, Ont.

TRY AN AD. IN THE REVIEW. IT WILL PAY YOU.

## PUBLISHERS' NOTES

Mr. J. H. Cayford, Box 1188, Montreal is our Agent and Correspondent for the Province of Quebec. Any correspondence relating to subscriptions or advertising may be addressed to him.

\*\*\*

Sample Free.—Rates same to all, and printed in each issue. No "special" rate, no "cut rate," so please don't ask for it.

## 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. Fritz has reduced the price of eggs for balance of season to \$1.25 per 13.

\* \* \*

W. Copp offers eggs for hatching from barred and white Rocks, white Leghorns and Andalusians at \$1.00 to \$1.25.

\* \* \*

A Manitoba advertiser is F. J. G. McArthur, who breeds buff Dots exclusively. He gives a list of his wins and offers eggs for sale.

\* \* \*

Mrs. J. H. Shales gives a numerous list of wins, and has eggs for sale from her specialties.

\* \* \*

W. D. Thompson draws attention to the popular breeds he keeps, and will sell eggs that will give satisfaction.

\* \* \*

West's Fluid, a good disinfectant and sure lice destroyer, is offered at \$1.50 per gallon, or 90c. for half gallon. Also carbolic acid for sprinkling on sitting hens.

\* \* \*

Read W. J. Gordon's new ad. for white Dots. Six cocks, twenty hens to spare.

\* \* \*

Jno. F. Hill is striking a new feature in offering clutches of chicks—with hen—for sale in lieu of eggs, no trouble in sitting. They should sell.

\* \* \*

Geo. H. Burgott has brown Leghorns "the kind that win at Boston and New York." Eggs for sale.

\* \* \*

Houdans, Pinckney strain, eggs \$1.25, so says C. W. Heaven.

\* \* \*

J. Bedford will sell eggs at \$2.00 for balance of season. Also some good stock for sale at half value.

\* \* \*

Tashmut Farm have a number of breeds from which they will sell eggs, also fancy ducks, geese, pheasants, &c.

\* \* \*

E. H. Perrin guarantees 75 per cent fertile. Buff Dots. See ad.

\* \* \*

Mrs. W. R. C. Forster will sell eggs from grand white and buff Rocks and black Minorcas at \$2.00 per 15, \$3.00 per 30. See new ad. on page 3 of cover for winnings.

\* \* \*

Josiah McKay reduces price of eggs after May 24th to \$1.00. Ad. on page 2 of cover.

\* \* \*

N. H. Smith has reduced prices of eggs to very low rates, and has fowls, bees and hogs to sell.

\* \* \*

T. A. Whitt's "Toronto" Incubator. Write for catalogue. Many in use by large concerns.

\* \* \*

W. H. Bessey is selling white Rock eggs at \$2.00 per 13, from his best pen.

\* \* \*

Toronto Poultry and Garden Produce Co. are offering eggs at very low rates from extra good pens, either by single setting or by the hundred and have added light Brahmas of high quality to their list.

### BOOKS, ETC.

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

## CANADIAN POULTRY REVIEW

IS PUBLISHED AT  
TORONTO, ONTARIO, CANADA,  
BY H. H. DONOVAN.

Terms—50c. per year, payable in advance.

### ADVERTISING RATES.

Advertisements will be inserted at the rate of 10 cents per line each insertion, 1 inch being about 10 lines.

Advertisements for longer periods as follows, payable quarterly in advance:

	3 Mths.	6 Mths.	12 Mths.
One Page .....	\$30 00	\$50 00	\$75 00
Two Columns .....	20 00	35 00	60 00
Half Page .....	15 00	25 00	40 00
One Column .....	12 00	20 00	35 00
Half Column .....	8 00	15 00	25 00
Quarter Column .....	6 00	10 00	15 00
One Inch .....	2 00	5 00	8 00

Breeders' Directory, 1 1/2 inches, 1 year, \$8; half year, \$5; 3 months, \$3.

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

Back and front cover pages a matter of special correspondence.

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

All communications and advertisements must be in our hands by the 15th to insure insertion in issue of same month. Address,

H. B. DONOVAN,

124 Victoria Street, Toronto, Ont.

### FOR SALE OR EXCHANGE.

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

### Twelve Adv. \$2.50.

An advertisement of 30 words will be inserted EACH MONTH for one year in this column for \$2.50, paid in advance. Advertisements may be changed every month if desired.

This coupon is good for one advertisement of 30 words in the "For Sale and Exchange" column.

### THE CANADIAN POULTRY REVIEW.

To meet the wants of advertisers who are continually using this column, and who find it a great trouble to be constantly remitting small amounts, we have adopted the plan of issuing Coupons (as above) good for 30 words each, 4 for \$1. 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 ads. are 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 26th of each month.

Unless above rules are followed we cannot guarantee correctness.

### ANDALUSIANS.

**Blue Andalusians**, white Plymouth Rocks and Duckwing Games (standard bred). Eggs and stock for sale at reasonable prices. Satisfaction guaranteed. Write for prices. Huntly & McKinnon, Ingersoll, Ont. 301

### BANTAMS.

**White Cochin Bantams**—Fine stock. Clean white. Pairs \$3.00. Cockerels, \$2.00. Eggs, \$1.50. A few choice white Plymouth Rock cockerels, \$2. Wm. Hahman, Box 3, Altoona, Pa. 600

**Cochin Bantams**—Buff, black and white. A few fine buff cockerels for sale cheap. Eggs in season from choice breeding pens. S. M. Gowdy, Box 411, Guelph, Ont. 500

**Bantams**—A limited number of golden and silver Sebright eggs from my choice matings at \$2 a setting. Wm. Stuart, Goldie's Mills, Guelph, Ont. 600

**Game Bantams**—Black Reds, Pyles and golden Duckwings of the finest quality. A few settings of each variety at \$3 and \$5. L. T. McGilverin, Galt, Ont.

**Light Brahma Bant Eggs**—A few settings only at \$1. Will sell one pen of grand birds. Eisele, Guelph, Ont. 600

**For Sale**—Silver Sebrights—Cock, cockerel, two yearling hens, four pullets, \$3 pair, \$1 trio; three females and male, \$5. Nice birds. Eggs, \$2 per 15, \$3 per 30. W. H. Grout, Grimsby, Ont.

**Buy your Bantam Eggs from Murray.** He won the prizes at the leading winter shows. African, buff and white Cochins, white and black-tail Japs, golden and silver Sebrights, white Polish. Eggs, \$3 per setting, or two for \$5. Stock in each variety for sale. W. G. Murray, Strathroy, Ont.

**Dominion Poultry Yards** is what we are looking for at Woodstock, 1899. They won 1st cock, 1st hen, 1st cockerel and 1st pullet in a class of 32 white Cochlin Bants (Blekneil, Judge). Also Galt, 1900 (no cock shown), 2nd hen, 1st cockerel, 2nd cock, 1st pullet and special for best Bantam pullet in snow (Jarvis, Judge). Eggs, \$3 per 15. Pullin & Kerr, Galt, Ont.

**White Cochlin Bantam Eggs**, \$2 per setting, three for \$5; Mr. Neil's famous strain. Pen scores 94 to 96. One cockerel, \$2. A. G. Brown, Watford, Ont.

**Bantams**—One Black African cockerel, a little beauty (a prize-winner), \$100. L. S. Hazard, Charlottetown, P. E. I.

**Cochin Bantams**—At Brantford Southern Fair 1 won 1st hen and cockerel, 2nd cock and pullet, 1st on black Cochlin pullet, 2nd hen and cock. At Brantford Poultry Show, 1900, on whites—1st cockerel and pullet, 2nd cock, 3rd hen. On blacks—1st hen and pullet, 2nd cock and cockerel. Eggs from these winners, \$2.50 per 15. Brantford Bantam Yards, Niagara Street, Brantford.

**Buff and Black Cochlin Bants**—A few choice birds for sale at reasonable prices; also eggs from three choice pens of my prize-winners in buff, black and white Game Bants at \$2 per 15, \$3 per 26. W. J. Teale, Box 17, Guelph, Ont.

**Black Rose Comb Bants**—At Brantford Southern Fair, 1900, 1 won every 1st and 2nd prize; at Woodstock Poultry Show made a clean sweep; at Brantford Poultry Show, 1900, in hottest competition 1 won 1st and special cock, 1st and special hen, 1st and 2nd pullets, 2nd cockerel. I have a few grand cocks and cockerels for sale at reasonable prices. Eggs from these prize-winners, \$2.50 per 15. Brantford Bantam Yards, A. E. Hartley, Proprietor, Niagara Street, Brantford.

**Barber's Game Bantams Win**—Eggs for sale now at \$3 per setting up. All colors—black red, brown red, Duckwing and Pyle. Winners at New York and all over. W. Barber & Co., 242 Queen Street West, Toronto.

### BRAHMAS.

**Light Brahma**—A number of first-class cockerels and pullets for sale. All good breeders and high scorers. Eggs, \$2 per 15. Write John Cameron, 23 Superior Street, Brantford, Ont. 500

**A Pen of Light Brahma**—Five hens and cock—for sale cheap. First-class birds bred from prize stock. Apply Senior, 1239 Yonge Street, Toronto, Ont.

**Sherwood's Light Brahmas** are good representatives of this popular breed. Large, broad-breasted birds they are, and colored to a nicety. The head of the pen is a 16 1/2-pound bird, imported direct from Eugene Hayward, winning under Hewes, 1st at Illinois State Fair, scoring 94 1/4 points. His mates are all prize-winners, and weigh from 9 1/2 to 14 pounds. Eggs booked now at \$1.50 per setting, delivered when wanted. Sherwood Bros., Fergus, Ont. 600

### CAGE BIRDS, ETC.

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

**For Imported Birds**—Try Hope's Bird Store, 109 Queen Street West, Toronto. Fine young Mocking Birds, warranted cocks, \$4.00 each.

**Cages Japanned**—From 25c. Cages, brass, from 65c.; Cages, breeding, from 75c.; cage appliances, nest and nesting, seed, etc.; everything in the bird line at Hope's Bird Store, 109 Queen St. West, Toronto.

### DOGS.

**Scotch Collie Puppies**—A number of very grand ones, sired by imported Otterburn Conqueror ex my best imported bitches, 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 C. 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, 10c. a copy. Address H. E. Donovan, Publisher, Toronto.

**At Stud**—Rough-coated Scotch collie dog, "Julie," C.K.C., 4753, winner 1st in open class; also special for best collie in show at Winnipeg, July, 1899. John Davidson, Munro, Mich., judge. Sire, Benedick (imp.), winner of 51 firsts, 10 specials and medals in England. Julie, sable and white, has nice, long, lean head, small ears, well carried, splendid coat, good body. Fee, pair of pups. Only first-class bitches wanted. A. G. H. Luxton, Georgetown, Ont. 500

### DUCKS AND GEESE.

**Imperial Pekin Ducks**.—All stock sold. Orders now booked for eggs at \$1.50 per 11. Some Knapp white Leghorns yet. Maple City Poultry Yards, W. A. Wilson, Box 384, Chatham, Ont. 500

**For Sale**—Two pairs Toulouse geese, two pairs Rouen ducks; also eggs from both varieties in season. First prize stock. John Hord, Parkhill, Ont. 500

**Eggs from Toulouse, Embden, white or brown Chinese geese, bronze, Holland, white and Narragansett turkeys, \$2.50 per 11.** Pekin, Rouen, Cayuga, Aylesbury and wild (decoy) ducks, \$1 per 13. See report of Winnipeg and Brandon exhibitions, July, 1898 and 1899, for prizes won. Satisfaction guaranteed. A. G. H. Luxton, Georgetown, Ont. 500

### GAME.

**Eggs, \$1.00**—Games—Irish and Mexican Grays, Heathwoods, Irish Black Reds, Tornados. Cornish Indians, \$2. Circular. Stock all times. C. D. Smith, For: Plain, N.Y. 500

**Pit Games**—My special breed. Yamaska pit Games are guaranteed to win or die. Write for prices. Eggs, \$1.50 per 13. J. A. A. Sekuin, Box 156, St. Hyacinthe, P. Que. 1200

**Game Eggs for Sale**—\$1.50 for 12—B.B. Red Duckwing and Red Pyle; also Irish Red and Ginger Pit. Order now for early settings. Lorne Poultry Yards, West Lorne, Ont. 500

**Standard Games**.—I can spare black-red cockerels and females, brown-red females, and red Pyle cockerels and females from my celebrated prize winning strains at reasonable prices. They won 13 prizes at Madison Square Garden, New York, this year. John Crowe, Guelph, Ont. 500

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

**Exhibition Games and Game Bantams**—Black Reds and Pyles. My matings this season are all high class birds; in fact, the best I ever had. Eggs and birds for sale. Satisfaction guaranteed. A. J. Grigg, Jeweller, Clinton, Ont. 101

**For Sale**—At a bargain—A trio of B.B.H. Games, including 2nd prize hen at Brantford. James Hawthorne, 78 Dalhousie Street, Brantford, Ont.

**A few more Eggs** from one of the best pens of Cornish Indians in Canada. (See April Review for description.) Only one pen; \$3 per setting. M. L. Farrell, Glencoe, Ont.

**Hatch chicks** from Barber's eggs from winners at New York, Toronto Industrial, Western, London, etc. All colors Game—black red, brown red, Pyles and Duckwings. Price, \$3 per setting up. W. Barber & Co., 212 Queen Street West, Toronto.

### HAMBURGS.

**Eggs, \$1.50**—From S.S. Hamburgs, black Hamburgs, barred Rocks and black Leghorns; from same pens we use ourselves. Address W. Davidson & Sons, Lombton Mills, Ont. 1100

**For Sale**—Eggs from good S.S. Hamburgs (McNeil strain). Cockerel 1st at Woodstock (shown by Pullin); score, 91, with hen's score, 92; 2nd at Stratford. \$2 per 15. S. Dippel, Listowel, Ont.

### LANGSHANS.

**Black Langshans** and eggs for sale. See Review for prizes won at Toronto and London. On eight entries at London won eight prizes. R. McCurdy, 176 Oxford Street, London, Ont. 600

### LEGHORNS.

**Rose Comb White Leghorns**—At Toronto Show in December, 1899, on five entries I won 1st cock, 1st and 2nd hen, 1st pullet and 2nd cockerel. Eggs for hatching. James McIntosh, Confederation Life Building, Toronto, Ont. 600

**Buff Leghorns**.—Have some fine first premium birds. Stock for sale. Eggs \$2 per fifteen. C. W. Hadden & Son, Box N, Painesville, Ohio, U.S.A. 600

**"Royal Strain" White Leghorns** exclusively. Good size, absolutely white, fine style, genuine Leghorn shape. Three grand breeding pens. Eggs \$1.50 per 13. Cockerels for sale. Geo. E. Lee, Highgate, Ont. 500

**White Leghorns**.—Eggs, two dollars per fifteen from a choice pen of large snow white S. C. Leghorns, seven large Knapp pullets and cock bird I just got from Ezra Cornell. Dr. R. C. Coates, Thamesville, Ont. 500

**For Sale**—A number of buff Leghorn hens, cockerels and pullets; buff Wyandotte cockerel and pullets. See Review for prize list. Eggs in season. Write for wants. Satisfaction guaranteed. James Dundas, Deer Park, Ont. 500

**Buff Leghorns** that are buff (Spry & Mick, Berner & Murray strain); only a limited number of eggs will be sold; \$2 per setting of 13 eggs. Frank P. McDonald, Watford, Ont. 600

**Wm. Mann, 673 Water St., Peterboro'**, breeder of S.C.B. Leghorns. Pen headed by a pure "Burgott" cockerel, 2nd at the "Ontario." Eggs, \$2 per 13. 500

**Leghorns, Single Comb Brown**—At Guelph, 1899, I won 1st cock, 1st and 3rd hen; also both specials. Eggs, \$1.50 per 13. T. J. Moore, Guelph, Ont. 500

**Brown Leghorns Exclusively**—Eggs, \$1.50 per setting. 1st Industrial hen, 1st and 2nd cocks, 1st and 2nd hens, 1st pullet, Brantford, and others as good are in my pen. Edward E. Orr, 54 Albion Street, Brantford, Ont. 500

**Rose Comb Brown Leghorns**—Prize-winning strain eggs, \$1.50 a setting. A few first-class hens left for \$1. Address J. A. Hope, G.T.R., Stratford, Ont. 500

**Rose Comb White Leghorns**—Pullets from winners with a Daniel's cock; fine quality; also golden Wyandottes. Grand pen of pullets headed by a winner of ten firsts. Eggs, \$1 per setting. Switzer & Metcalfe, Riceville, Ont. 600

**Black Leghorn Eggs**, \$2 per setting, three settings for \$5. Get the best. My strain does all the winning. A few choice hens to spare. A. G. Brown, Watford, Ont.

**Eggs for Sale**—From champion strain S.C. white Leghorns. Silver cup winners. \$2 per 13. John Ramsay, Owen Sound, Ont.

**White Leghorns, Single Comb**—Pen scored to 94. Prolific laying strain. Every bird large, vigorous and snow white. Eggs, \$1 per setting. C. T. Stephens, Collingwood, Ont.

**Buff and Brown Leghorn Cockerels**, \$1 and \$2 each. Eggs, \$1 per setting. Birds are prize-winners, and are from prize-winners. (See February Review.) I won three 1sts, two 2nds and one 3rd in six entries, 1899, and three 2nds, tied 2nd and 3rd, 1900, in competition of 54 and 72, respectively. Satisfaction guaranteed. Please don't write unless you mean business. W. J. Powell, Huron Street, Galt, Ont.

**Buff Leghorns**—I have bought and placed in my yard the following: First cockerel, first pullet, Galt; first and second pullets, Guelph fall shows; pullet in first pen Toronto Industrial; third pullet Guelph winter show; and others from leading strains in States and Canada. Eggs, \$1.50 per setting. Guarantee seven chicks or order duplicated. R. T. Knight, Box 29, Guelph, Ont. 500

**For Sale**—One S.C.W. Leghorn cockerel and two pullets. I won 2nd at Owen Sound (score 96) for pullet. Eggs from prize matings, 1st pen, cock 1st at Stratford, with pullets that score 93 to 95 (Jarvis), \$2 per 15; 2nd pen, cockerel, score 93, with hen, score 92 1-2 and 93 1-2 (Ramsay strain), \$1.50 per 13. Perth Poultry Yards, S. Dippel, Proprietor, Listowel, Ont.

**For Sale**—One S.C.B. Leghorn cockerel \$2; good. Must make room. Eggs for hatching. First pen—I have in my pen 1st cock at London and Brantford, score 96, shown by O'Brien, with good hens, score 91 to 93, \$1.75 per 13. Second pen—Nearly as good, \$1.25 per 13; two settings, 25c. off. Perth Poultry Yards, S. Dippel, Proprietor, Listowel, Ont.

**Brown Leghorn Eggs**—Superior quality. Produced winners last year, scoring 92 and 94 1-2; good stripping hackle and saddle, one dollar setting. Box 388, Chatham, Ont.

### MINORCAS.

**Royal Strain Black Minorcas**—See prizes Sherbrooke, Montreal and Ottawa, fall and winter. A few cockerels and pullets left. Eggs only \$1. E. R. Frith, Markville, Ont. 600

**Northup's 1899 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. Northup, Box 418, Riceville, N.Y. 400

**Minorca Eggs**—From birds that have won at Owen Sound and Stratford in best classes; also three pullets and one cockerel, a good one. R. C. Ferguson, G.T.R., Stratford, Ont. 500

**Eggs from imported pen** of black Minorca at \$2.00 a setting. A few Orpingtons and Minorcas for sale yet at Maple City Poultry Yards. W. A. Wilson, Box 584, Chatham, Ont. 600

**Rose Comb and Single Comb Black Minorcas**—Grand stock; prize winners or from winners. Eggs from R.C., \$2, S.C., \$1 per setting. Good hatch guaranteed. Switzer & Metcalfe, Riceville, Ont. 600

**Black Minorcas for Sale**—One cock (Clemo), eight hens (Northrup & Duff). Nine pullets from above pen. A bargain if taken at once. Eggs until sold, \$1.50 for 13. Benson Smith, Drukgist, Iroquois, Ont.

**Stupid**—Do you know my Minorcas are all standard weight? Some imported hens, headed by that grand cock I purchased of Ferguson. Eggs, \$1. E. R. Frith, Maxville, Ont.

**Black Minorcas, Fowl**—From A1 stock; \$1 to \$2 each. Eggs, \$3 per 13. A. F. Banks, Royal Ins. Co., Toronto, Ont.

**Rose Comb Black Minorcas**—I am the first to introduce (about five years ago) this valuable breed to the people of Canada. My strain is unsurpassed for large size and correct fancy points. Eggs, selected pen, \$2, farmers' \$1 per 13. White Rocks, same prices. W. H. Kirby, Oshawa, Ont.

**Royal Strain Black Minorcas**—See prizes Sherbrooke, Montreal and Ottawa, fall and winter. A few cockerels and pullets left. Eggs only \$1. E. R. Frith, Maxville, Ont. 600

#### NEST BOXES.

**The "O.K." Trap Nest-box**—Simple and practical. You can make one in half an hour at an outside cost of 10c. for all materials. You have been waiting for this box. Plans or model box, \$1 each; together, \$1.50. Write for particulars. J. C. Pratt, La Grange, Ill., breeder of B.B.R. Games. 500

#### ORPINGTONS.

**Buff Orpingtons**—Eggs for hatching, from imported birds, \$3 per setting. W. L. Crawford, Union Bank of Canada, Quebec. 500

**Vass' Buff Orpingtons** are from England's best. Twenty-nine entries; 17 firsts, 7 seconds, 1 third, 2 fifths, 2 gold specials. Eggs for sale. Circular free. C. E. Vass, Washington, N.J. 500

**S.C. Black and S.C. Buff Orpingtons**—Eggs for hatchings, \$2.50 per 13, from imported birds, first prize winners, Montreal. Brewster, Compton, Que. 500

#### PET STOCK.

**For Sale**—Mocking birds, \$1 each; Red birds, \$1 each. Louisiana Blue Jay, \$1 each. Prairie Dogs, \$2 each. live Alligators, 12 inches long, \$2 each, live Squirrels, \$1.75 per pair; common Rabbits, \$1.50 per pair, Ring Doves, \$2 per pair. Order from this ad. We will do our part promptly. Address W. B. Caraway, Alma, Arkansas.

#### PIGEONS.

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

**Jacobins, Pouters, White Fantails**—Winners at largest shows for over fifteen years. Lot of elegant, stylish white Fan hens for sale, \$7 to \$5 each, worth double, and five pairs same quality at very reasonable prices; fifty Pouters and long-feathered Jacobins, all colors, of finest quality ever offered. No price lists. Enclose stamp. Charles Masie, Box 202, Port Hope, Ont.

**Magnific, 100 Birds**—Many prize-winners; cheap to clear; obliged to sell. Five-pair lots at \$2 per pair. All colors except blue. P. B. Keyes, Ottawa, Ont. 700

**Homers mated** for this season \$2.00 per pair. Pigeons, youngsters, 50c. per pair, other varieties in pairs or odd birds. Aluminum seamless pigeon rings, huffals, etc., 25c. per doz. W. J. McBride, Victoria Lofts, Box 31, Cote St. Paul.

**Pigeons**—One pair white Pouters, \$3; one pair red-winged Swallows, \$2. Odd birds in Turbits, Swallows and white Pouters, cheap. L. A. Hazard, Charlottetown, P.E.I.

**Pigeons for Sale**—Good chance for a beginner. All my loft—about thirty birds—Fantails, Turbits, Owls and Trumpeters. Thirty birds will go for a reasonable offer. Box 42, Queen's Park, Montreal, P.Q.

**Clearing Sale of Pigeons**—One pair black Carrier (breeders), \$3.50; another pair, \$2, one Carrier cock, \$1; one pair white Fans (breeders), \$2.50, one pair black Fans, \$2, two pairs blue Owls, \$1.50 pair; one pair blue Pied Pouters, \$2.50, one pair mottled Trumpeters, \$1.50; one black Barb hen, \$1.50. These are all grand birds, and most of them prize-winners. MacNab & Crossland, Box 75, Barrie, Ont.

**Having purchased the entire stock** of English Dragons from Mr. Dunn, of Hamilton, will have a few grand pairs of show and stock birds for sale at reasonable prices; also a grand stock of silver Owls. Apply to Roy Wangelheim, Drawer 76, Brantford, Ont.

#### PHEASANTS.

**Pheasants, English Ring Neck**—Eggs for sale, \$2 per setting. A. J. Davis, Box 426, Dresden, Ont.

**English Pheasant Eggs** from grand birds at \$3 per dozen; also eggs and stock in Rose Comb black Minorcas and Rose Comb white Leghorns. Correspondence invited. R. M. Lee, Box 325, Galt, Ont.

#### PLYMOUTH ROCKS.

**For Sale**—Barred Plymouth Rocks, exclusively, eggs for hatching \$1 per setting. Ontario Agricultural College and Thompson's strain. A trial order solicited. Isaac T. Knight, Guelph, Ont. 500

**White Rocks**—Being a druggist I cannot close store to exhibit at outside shows, but trim exhibitors who come to our annual exhibition, this year winning 1st cock, 1st, and 2nd cockerels, 1st and 2nd hens, 1st and 2nd pullets, 1st and 2nd breeding pens. This year's matings: Cock, 94 1-4, weight 10 3-4 lbs.; cockerel, 96, weight 10 lbs. Females score 93 to 96 1-2. More white Rock winners hatched from my eggs than any other breeder's in Canada. I guarantee a good hatch, and 75 per cent. of chicks high-scoring exhibition birds. G. A. Ineson, Ingersoll, Ont.

**Barred Rocks Exclusively**—Three yards. No. 1, headed by a light cockerel, but every feather barred. With him are mated six light hens and pullets, second to none—a grand pullet breeding pen. Cockerel pen No. 2 contains darker birds—a grand lot, and sure to breed winning cockerels. No. 3 Yard contains a dark cock, sire of 1st cockerel at Ontario (London), seven hens and pullets mated for best results. Eggs from any or part of each, \$3 per setting. W. McLoud, 332 George St., London, Ont. 500

**Eggs for Hatching**, \$1 per 13, from thoroughbred barred Plymouth Rocks, black Minorcas and pure Pekin ducks, "none better;" guaranteed as represented. D. R. Campbell, 279 Yonge St., Toronto, Ont. 500

**Eggs for sale** from one yard of buff Plymouth Rocks. Rocks bred exclusively. Eggs \$1.50 per setting of 13. W. R. Bell Morpeth, Ont. 500

**Plymouth Rocks**—Barred Rock eggs from E. B. Thompson's celebrated Ringlet strain. Cockerel and pullet matings, \$2 per setting. A. F. Manchee, Ingersoll, Ont. 500

**Barred Rocks**—Eggs, \$1.50 per 13, from pen headed by cock 1st at Toronto, Ottawa, Montreal, Quebec, Hamilton and Sherbrook. Brewster, Compton, Que.

**Buff Plymouth Rock Eggs**, \$1.50 per 13, white Leghorns, \$1 per 13 eggs. These eggs are from first-class stock only. A limited number of eggs for sale. John A. Noble, Norval, Ont.

**White and Buff Rocks**—Prize-winners. For balance of season I will sell eggs at half price. Write for special prices on incubator lots. Satisfaction guaranteed. Mrs. Logan, Box 51, Eglington, Ont.

**White Rock Eggs**, \$2 per setting, three for \$5; snow-white, large and typical; three cockerels out of 1st hen at London, \$3 each. A. G. Brown, Watford, Ont.

#### POULTRY APPLIANCES.

**Shipping Labels** printed on red express paper, "Eggs for Hatching," 25 for 10c. "Live Poultry," double the size of the others, 12 for 10c., free by mail. Use these and have your eggs and stock handled with care. Stamp for samples. H. B. Donovan, Toronto.

#### RHODE ISLAND REDS.

**Headquarters for Best Rose Comb and Single Comb Rhode Island Reds.** Exhibition and breeding pairs, \$10 and \$15; trios, \$15, \$20 and \$25; also breeding pens. Mine not only win at shows, but win the favor of the people everywhere. They just suit the farmer and town and village poultry keeper. See our show room record. Eggs for hatching, Single Comb, \$2, \$3 and \$5 per sitting. Rose Comb, \$2, \$3 and \$4, according to quality, and until yards are broken up in July. Special price by the hundred or in large quantity. Illustrated descriptive circular to all who apply. Farm, West Mansfield, Mass. Samuel Cushman, Pawtucket, R.I. 500

**Rhode Island Reds**—Eggs from a grand pen of these at \$1 during rest of season; from barred Rock pen (Hunter, male), 75c. per setting. J. C. Robertson, Morrisburg, Ont.

#### SALE OR EXCHANGE.

**To Exchange**—Pure bred Pointer dog (one year) for five females and one male, barred Rocks, goose eggs or offers; must be pure bred. Miller, Howick, Que.

**Exchange or Sale**—Six black Minorca pullets (Clemo and Northrup), very large and fine. Want white Wyandotte pullets, must be good. A. A. Whitteker, Morrisburg, Ont.

**For Sale or Exchange**—One trio golden Sebright Bants, two white Cochin pullets, four white Wyandotte pullets and one cockerel, and one Collie pup, four months old. Will exchange for Black African or Game Bants. MacNab & Crossland, Box 75, Barrie, Ont.

**Here is a chance** for new blood. Through the month of May I will exchange eggs from my choice black Minorcas for settings of black Langshans or barred Rocks. S. N. Shier, Kirkton, Ont.

**For Sale**—Three pairs, Cornish Indian Games, one pair black Minorcas, one pair blue Andalusians, \$3 per pair; or I will exchange any of the above pairs for Bantams any variety. J. M. Fawcett, Strathroy, Ont.

**Exchange**—A beautiful Scotch Collie dog, sable and white, one year old, from imported parents, for best offer in fancy poultry. Write offers and for particulars. F. C. Stone, Prescott, Ont.

**Will exchange incubator**, brooder and eggs from brown Leghorns, black Minorcas and S.G. Dorkings for bicycle or money. C. W. Palliser, Campbellford, Ont.

**Eggs! Eggs! Eggs!**—Buff and barred Rocks, buff Leghorns, Pekin ducks, \$1 per 13. Four nice cockerels to go at \$1. Want pen-fowl eggs. Robt. Steven, Petrolia, Ont.



## SPANISH.

**Spanish**—E. R. Gregory's prize-winning black Spanish at New York, Hagerstown and Mt. Gretna are in my yards. Large size, fine comb and plumage, long, smooth, white neck; also La Fleche, white Dorkings and black Langshans. Eggs, \$2 per 13, or \$3.50 per 26. J. H. Warrington, Cornwall, Ont.

## VARIOUS.

**Black Minorcas and Buff Rocks.**—Our stock is from Minshall's and Ferguson's and from Henderson & Billings. We can furnish eggs from prize winners at \$1.50 per setting. Harnick Bros., Stratford, Ont. 600

**\$2.00 per 15** for eggs from S.C. White Leghorns (Knapp Bros.' strain). Have some of original White Leghorns that swept everything at Cleveland and other cities two years ago; also B. Minorcas (Northup, Scott and Abbott strains). Send for photographs. Geo. W. Brown, Box 22, Galt, Ont. 500

**For Sale**—Eggs for hatching from barred F. Rocks and white Leghorns. Prize stock; \$1.50 per 13 fertile eggs. E. J. C. Boake, Downsview, Ont. 600

**Frederick Field**, importer and breeder of B.B. Games and buff Wyandottes. Have taken prizes at all the leading shows in Canada. Eggs for sale. Satisfaction guaranteed. Choung, Ont. 600

**Eggs for Hatching**, from standard breeds. Light and dark Brahmans, Plymouth Rocks, Leghorns, Polish, Pekin ducks, exhibition stock. Grit machines, improved fountain, roost brackets cheap. William Bond, Ross Bay, Victoria, B.C. 700

**White Rocks.**—Having secured from J. H. Minshall, Brantford, four of his best hens including 1st Ontario pullet, '99, mated to a grand pure white cockerel. Black Minorcas, large, pure white lobes, grand color: Eggs \$1.50 per 13 or 26 for \$2.50. One pen of six white Leghorns (young), one pen of nine buff Cochins Bants, very cheap. Wm. Hartry, Seaforth. 500

**For Sale**—R. C. White Leghorns. Eggs, \$3.00, also Pyle Game Eggs, \$2.50, stock for sale at all times. James Masson, 13 Chapel St. Woodstock, Ont. 600

**For Sale**—Eggs and stock from winners, barred and white Rocks, golden Wyandottes, leading strains. Eggs, \$1 per setting, guinea price. Enclose stamp. H. Rank, Plattsville, Ont. 600

**Eggs for Sale** from choice matings of black, golden and silver Wyandottes, black Leghorns and silver spangled Hamburgs. \$1 per 13. Stamps accepted. W. A. Greenfield, Plattsville, Ont. 600

**Eggs for Sale.**—Light and dark Leghorns, barred Rocks. At Guelph, Ferguson, Toronto and Owen Sound on 23 entries won 1st, 2nd and 3rd on barred Rock cockerels, score 91. 2. Eggs \$1.00 for 13. Bone cutter for sale. John Thomson, Ferguson. 600

**Wilson's White Minorcas** again lead, winning all first and specials except one at the last Montreal show, and that in competition with some of the winners at the last Toronto Industrial. Also black Minorcas and white Rocks for sale. Eggs, \$1.50 for 13, \$2.50 for 20. Agent for Lee's Liquid Lice Killer. W. J. Wilson, Amherst Park, Montreal, P.Q. 600

**Eggs for Sale**—From prize-winning stock. Black, Golden and Silver Wyandottes, black Leghorns and Silver Spangled Hamburgs, \$1 per 13. Enclose stamp. W. A. Greenfield, Plattsville, Ont. 600

**Eggs—90c, for 15, or \$5 per 100,** from twenty-eight varieties of fowls. Send stamp for catalogue, and sell ten settings of eggs and get fifty free. Brookside Farm, Nelson, Pa., U.S.A. 600

**Eggs**—From S.C. white, buff and black Leghorns barred and buff Rocks, \$2 per 13; Pekin, Pyle and black African Bants, \$1 per 13. Stock from winners. Jqs. Caldwell, Belleville, Ont. 600

**Eggs for Hatching.**—Silver Wyandottes, cock, prize winner, New York. White Wyandottes, cockerel, first prize, Montreal. Barred Plymouth Rocks, cock and hens, "Lefel stock." Wm. H. Ulley, Royal Poultry Farm, Montreal.

**Vinewood Poultry Yards**—Eggs from 40 leading varieties of exhibition birds. Send for circular. Eggs \$1 per setting; incubator lots, \$4 per 100. R. & A. Lawrie, Wolverton, Ont. 600

**J. H. Parsons, Omsca, Ont.**—Breeder of Cornish and white Indian Games, buff Rocks and buff Leghorns. Exhibition birds a specialty. Birds for sale and eggs in season, Indian Game, \$3.00, others \$1.50. 1200

**If you want to raise some exhibition birds this season,** send and get my circular of 40 varieties. Birds for sale at all times. W. W. Held, Ayr, Ont. 101

**Diamond Poultry Yards**—15 premiums on 17 entries at New York and Philadelphia. Eggs from as fine stock as exists, buff or barred Rocks, black, buff or white Wyandottes and rose comb Rhode Island Reds, \$2 dots and rose comb white Minorcas, \$3 for 15, \$3 for 30. Rose comb white Minorcas, \$5 for 15, rose comb black Minorcas, \$3 for 15. Safe arrival and satisfaction guaranteed. Illustrated catalogue free. J. Morris Maxwell, Pattenburg, N.J. 600

**White Rocks**—Prize winners purchased from W. H. Bessey, Coleman, Ont. American Dominiques purchased from A. Fink, Woodstock, cock never took 2nd place; 1st at Ontario, Industrial, Woodstock, Ingersoll, London, Galt and Brantford. Eggs \$2 a setting, 3 settings for \$5. S. W. D. Frith, Winchester, Ont. 600

**Eggs \$1.00 a Setting**, from prize winning stock. Andalusians, black Minorcas, Red Caps, buff Leghorns, Pit Games, American Dominiques, W. Rocks, buff Cochins, black Spanish, light Brahmans and white Muscovy ducks. Good hatch guaranteed. Stock for sale. E. Frith & Son, Winchester, Ont. 600

**H. Dymont, Barrie,** has eggs for sale from the following varieties of prize winners at \$1.50 per setting; white and golden Wyandottes and Stone's River Red Pit Games. 600

**Porter's Bar Tar Camphor** is sure death to all kinds of vermin that infest poultry houses, stables, pig pens or other places where lice or other vermin gather. Also a sure preventative for hog cholera. Price, 25 cents per package, postpaid. Circular free. C. A. Porter, Box 570, Flat Rock, Ind. 700

**Eggs for Hatching** from partridge Cochins, buff and black Wyandottes, black Spanish, Cornish Indian Games and buff Rocks, \$1.50 per 13. Buff and white Cochins, barred and white Rocks, golden and silver Wyandottes, white and brown Leghorns, golden and silver Sebright Bants, \$1 per 13, having won at Stratford, Brantford and the great Ontario this winter. W. Daniel & Cann, Plattsville, Ont. 600

**Bantam yards**—Golden, silver Sebrights, black-breasted red Games and buff Pekin Bants; also all kinds of Wyandottes, Rocks and Leghorns and Hamburgs. Eggs, \$1 per 13. Gordon Daniel, Plattsville, Ont. 600

**Eggs from Light or Dark Brahmans,** buff or white Cochins, Langshans, barred, buff or white Rocks, brown, black or white Leghorns (single comb), black Spanish, Andalusians Houdans, black Minorcas, silver or white Wyandottes, Rose Comb white Leghorns, silver spangled Hamburgs, Indian Games, silver grey Dorkings, golden Sebright and black red Bants, \$1 per 13. See Report of Winnipeg and Brandon exhibitions, July, 1898 and 1899, for prizes won. Satisfaction guaranteed. A. G. H. Luxton, Georgetown, Ont. 600

**Buff Plymouth Rock Eggs,** \$1.50 per 13; white Leghorns, \$1 per 13 eggs. These eggs are from first-class stock only. A limited number of eggs for sale. John A. Noble, Norval, Ont.

**Golden Wyandottes,** buff Rocks—1st, 2nd and special, Stratford; Spanish, 1st and 3rd, Brantford; partridge Cochins, 2nd, "Ontario." Prize eggs, \$1.50. See Review February and March for prizes won. Also white, barred and buff Rocks, golden, silver, black, white and buff Wyandottes, S.B. Hamburgs, \$1 per setting. Wm. Cann, Box 20, Plattsville, Ont. 600

**Eggs for Sale**—Dark Brahmans, black Langshans and Pekin ducks. (See Review for prizes won at Stratford and Galt.) Eggs, \$2 per setting. Breed Embden geese also. C. A. R. Tilt, Doon; Ont. 600

**Eggs from prize-winning golden and silver Sebright Bantams,** Red Caps and buff Leghorns, \$2 per 15, \$3 per 30. We have only one yard of each. A. & T. Readwin, Guelph, Ont.

**Eggs from all varieties Polish and Hamburgs** after the 10th of May, \$1 per 13, from the same pens as I used myself. Wm. Carter, Constance, Ont.

**Eggs**—Brown Leghorns, black Minorcas and S.G. Dorkings. Prize birds at the Great Ontario and the Eastern Ontario, 1900, are in these pens. Satisfaction guaranteed. C. W. Falliser, Campbellford, Ont.

**Eggs for sale at reasonable prices** from prize-winning stock of English Red Caps, open-laced silver Wyandottes, buff Leghorns. Offer three of my prize-winning Red Cap cockerels, three very nice buff Leghorn cockerels. A few excellent Cornish Indian Game cockerels from E. T. Nims' stock. One W.C.B. Poland cock for sale. Write for wants. No notice taken of post card enquiries. G. W. Kinder, Strathroy, Ont.

**Rose Comb White Leghorn stock** for sale. Eggs, \$2 per setting; also imported Duckwing Leghorn and buff Wyandottes. Vm. Dick, Echo Place P.O., Brantford, Ont. 600

**All birds 90 to 94**—Winners at Owen Sound, Stratford, Seaforth, White Minorcas, White and Brown Leghorns, White, Buff and Golden Wyandottes, Buff and Barred Rocks. Eggs, \$1 per 13. Stock for sale. Medd Bros., 600

**Eggs, \$1 per 15** from pens of golden and buff Wyandottes and buff Rocks. Pens contain Detroit winners. Will exchange eggs for buff Bantams and offers. Brown & Buchner, Kingsville, Ont. 600

**Eggs for Hatching**—From white Rocks, barred Rocks and black Minorcas; all of the leading strains. One setting, \$1; two settings, \$1.50; three settings, \$2. Mrs. R. A. Loucks, Dresden, Ont. 600

**Golden Wyandottes and S.C.W. white Leghorns.** Golden Wyandotte eggs, \$1; white Leghorns, 75c. A splendid laying strain of large, white eggs. R. Sanders, Box 22, Ealing P.O., Ont.

**Dominion Poultry Yards** have Houdans and S.S. Hamburgs; all 1st and 2nd prize-winners at Woodstock and Galt. Eggs from the same, \$1.50 per 13. Pullin & Kerr, Galt, Ont.

**For Sale**—Eggs from Langshans, Minorcas, Red Caps, Andalusians, single and rose comb white, brown and buff Leghorns, silver Wyandottes, barred Rocks and white Cochins Bants. Stock for sale. Post card for particulars. Henry J. Clegg, Mitchell, Ont. 600

**Dominion Poultry Yards**—Andalusians for sale cheap. Eggs from white Plymouth Rocks, scores from 92 to 94 (by Jarvis), at \$1.50 per setting. Pullin & Kerr, Galt, Ont.

**For Sale**—Pekin duck eggs, \$1 per 11 (Bogue stock); also prize-winning silver grey Dorkings, black Spanish, \$1 per 13. Fertility guaranteed. George Irwin, Seaforth, Ont.



**Hatch Chicks from Winners**—W. G. Murray, Stratford, will sell you eggs from prize-winning buff, black, rose and single comb white Leghorns, black and white Minorcas and golden Wyandottes for \$2 per setting, or three settings for \$5. Stock in all varieties for sale. Hundreds of prizes won the past season at the leading shows. Look up record in Review.

**White Plymouth Rock and Buff Cochins** eggs, \$2 per 13, \$3 per 26. Five grand buff Cochins hens for sale, or trade for white Rocks. Elsie, Guelph, Ont.

**Wilson's Prize white and black Minorcas** and white Rock eggs after May 1st, \$1 for 15. See ad. in April Review. W. J. Wilson, Amherst Park, Montreal.

**W. Stuart & Son, Menie, Ont.**, breeders and importers of high-class fowl. Birds in our breeding pens won at Toronto, London, Kingston, Ottawa, Montreal and the great Ontario, also Boston and New York. Our specialties are Brahmans, Dorkings, Houdans, Minorcas, Red Caps, Games, golden Wyandottes, Leghorns, Hamburgs, Polands, Bantams, turkeys and ducks. Look up our wins. For further particulars write us.

**A very select pen** each of barred Rocks, white Wyandottes and brown Leghorns. Per setting, \$1; two settings, \$1.50. James H. Esdon, Curry Hill, Ont.

**A "forced sale" of fine laying pullets.** Will be sold cheap, and at once: Two black Minorcas, two buff Wyandottes, one golden Wyandotte, one black Wyandotte, one buff Rock, one silver Hamburg, one barred Rock, one white Leghorn (rose comb). Address Box 45, Morrisburg, Ont.

**For Sale**—Eggs from prize mating golden Wyandottes, buff Leghorns, golden, buff, black and partridge Cochins, Bantams and Pekin ducks. Do not think because our ad. is not in the Review every month that we are dead, or our stock is not as good. All settings guaranteed, or another setting in place. Write your wants. W. J. Broughton, Newmarket, Ont.

**For Sale**—Black Wyandottes—First hen, 1st pullet and 3rd cock at Ingersoll, \$6; cockerel and pullet, \$3; R.C.E. Leghorns, hens and pullets, \$1, cockerels, \$2; black African Bantams (cockerels, McNell's), \$1.50 to \$2. Satisfaction or money refunded. Thos. McMullen & Son, Asylum, London, Ont.

**For Sale**—Eleven black Leghorn hens and one cock, and ten white Rock hens and three cocks. Will be sold cheap as I have not time to give them. Chas. Bonnick, Eglington, Ont.

**Here is a chance for new blood** through Langshans and Pekin ducks. (See Review for prizes won at Stratford and Grit.) Eggs, \$2 per setting. Breed Embden geese also. C. A. R. Tilt, Doon, Ont. 600

#### WANTED.

**Wanted**—Eggs from pea comb brown or white Leghorns. State price. Address Walter Scott, 78 Waverley Road, Toronto, Ont.

**Agents Wanted** to solicit subscriptions to Review. Liberal terms. Good money for sharp canvassers. All take it who see it. Write us in time for fall shows and fairs. Samples sent. Send for circulars and terms. Address H. B. Donovan, Toronto, Ont.

#### WYANDOTTES.

**A combination** of Duston, Andrews, Knapp and Hunter, white Wyandotte pullets, mated to a fine Massie cock; also a pen of fine, large hens (Gordon), mated to a pure white cockerel from the above strains. Eggs for balance of season, \$1 per 13. J. W. D. Cooper, Pickering, Ont. 101

**White Wyandottes**—Three cockerels, beauties. Eggs from high-scoring winter layers, headed by Kettiewell cockerel, barred Rock pen, headed by Brantford's winner; score, \$21-2. Eggs, \$1.50 per 13. McGeahy Bros., Chatham, Ont. 700

**For Sale**—Silver laced and white Wyandottes, Pekin ducks, \$2 pair. First and special prizes, 1899. Eggs, \$3 per 13 (Lenton strain). J. S. McDonald, Port Lambton, Ont.

**Jan. Arthur**, breeder of high-class silver Wyandottes, winners at Canada's greatest shows. First-class stock for sale at all times. Eggs from my best matings, \$3 per 13. Address 731 Lorne Ave., London, Ont. 101

**Thoroughbred fertile eggs**, \$1 per 13, from silver laced and white Wyandottes (Arthur and Hawkins), and buff Pekin Bantams (Reid). W. E. Gibson Wheatley, Ont. 600

**White Wyandottes**—Leading strains, farm range. Only one variety kept. Eggs for hatching, \$1 per 13. P. Wellington, Blackwell Station, Ont.

**Golden Wyandottes**—If you want really good stock at a real bargain, write me. Also eggs, \$1 per 13. Mann bone cutter, cost \$10 for \$5. Wm. Williams, Bloomington, Ont.

**S.L. Wyandottes**—Eggs from prize-winning stock. Cockerel 2nd at London and Stratford, mated with 1st hen at Ottawa. Toronto and London, 1899 (shown by Arthur); also pullet, 1st at Stratford. Eggs, \$2 per 15. Perth Poultry Yards, S. Dippel, Proprietor, Listowel, Ont.

**White Wyandotte eggs**, \$1 per setting. Third cockerel Toronto show heads pen. A few choice white Leghorn hens cheap to clear. J. H. Bronsden, 31 Pearson Ave., Toronto, Ont.

**Buff Wyandottes**—First prize stock. Fertile eggs, only \$1 per hatching. Box 45, Morrisburg, Ont.

#### WYANDOTTES.

**White Wyandottes**—Hunter strain—Proved winter layers, 15 eggs for \$1.50. C. W. Young, Cornwall, Ont. Barred Rocks, extra choice birds; eggs same price. W. C. Young, Brampton, Ont. 500

**For Sale**—Twelve W. Wyandottes, eight hens, one cock, three cockerels. Eggs, \$1 per 13. Satisfaction guaranteed. Enclose stamp for reply. George C. Howison, Brockville, Ont. 600

**Wyandottes, Golden, Buff and Black**.—Goldens. Cock Imported, Borman's beauty strain, 1st as cockerel at Woodstock. Hens (3) Graham, Murray strain including "Ontario winner" 1899. Buffs. Imported stock B. H. and M. H. Smith bred from Chicago and Detroit winners. Blacks. Cock, 1st, best male and special, Toronto; 1st Woodstock. Hens (4) everyone a winner, Ontario winner 1899 and first pullet, Toronto (purchased from C. Grimsley) second pullet, Toronto, first and special, Petrola, score 91-2 and first pullet, Woodstock, score 95. Eggs, \$2 per setting of 13. Only a limited number of Golden and Buff settings will be sold. Frank P. McDonnell, Watford, Ont. 600

**J. Dorst's Buff Wyandottes** are the best you can find. Won as many first prizes as all others combined at Toronto Exhibition. At Toronto Show, 1899, on three entries one 1st and one 2nd. Eggs, \$2 per 13, or \$3 per 39. 585 Logan Ave., Toronto, Ont. 500

**Golden Wyandottes**—Eggs from two pens of large, mature birds, having a deep, rich color, nicely laced, and good, yellow legs, \$1.50 for 13, \$2.50 for \$4. A few nice cockerels for sale at \$2 each. C. M. Taylor, Lyn, Ont. 500

**Golden Wyandottes**—Prize-winners—large, well-laced birds. Eggs for hatching, \$1 per 13, \$2 for 30. Wilber Lemon, Lynden, Ont. 500

**White Wyandottes**—Winners of \$50 silver cup at Toronto for best cock, hen, cockerel and pullet and 1st pen. Also 1st cock and hen, 3rd pullet. Special best pair at last "Ontario." One grand yearling cock for sale; 2nd as cockerel at "Ontario," 1899; also three cockerels, bred from 1st "Ontario" cock. Eggs from two magnificent pens, \$3 per 15, \$5 per 30. Chas. Massie, Port Hope, Ont.

**For Sale**—Eggs from prize-winning stock. Cockerel 2nd at London and Stratford, mated with 1st hen at Ottawa, Toronto and London, 1899 (shown by Arthur); also pullet, 1st at Stratford. Eggs, \$2 per 15. Perth Poultry Yards, S. Dippel, Proprietor, Listowel, Ont.

**Eggs for Sale** at \$1 per setting, from good stock of silver Wyandottes; also a few hens for sale cheap. Write for particulars. M. B. Hague, Inglewood, Ont. 500

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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

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