

its centre on which were placed small weights until the bone gave way.

Dressed Weight, Internal Organs, etc.

CHICKENS		HENS	
Lot I Nitrogenous	Lot II Carbonaceous	Lot I Nitrogenous	Lot II Carbonaceous
21.31	22.00	17.80	12.63
14.86	15.09	12.01	8.63
69.70	68.60	67.10	70.50
		.75	.66
		1.41	1.28
		.59	1.98
		3.70	3.02
		3.47	3.63
		11.39	11.47
			8.93
			6.20

The breaking strain of the right tibia was as follows for the hens and chickens of the various lots:—

Average, hens, nitrogenous	48.16
Average, hens, carbonaceous	51.74
Average, chickens, nitrogenous	46.64
Average, chickens, carbonaceous	31.18

There was little difference in the strength of the bones of the hens, undoubtedly because the bones were mature before the feeding began, and were little affected by the feeding. We find, however, that the bones of the chickens fed on nitrogenous food were almost fifty per cent (49.6) stronger than those fed carbonaceous food.

The flesh of each group was submitted to a number of persons for a cooking test, and the almost unanimous verdict was that the flesh of the fowls

fed a nitrogenous ration was darker colored, more succulent, more tender and better flavored, though on this last there was some difference of opinion.

So far as it is warrantable to draw any conclusions from a single experiment of this kind, it would seem that chickens fed on an exclusive corn diet will not make a satisfactory development, particularly of feathers; that the bones of chickens fed upon a nitrogenous ration are fifty per cent stronger than those fed upon a carbonaceous ration; that hens fed on a nitrogenous ration lay many more eggs, but of smaller size and poorer quality, than those fed exclusively on corn; that hens fed on corn, while not suffering in general health, become sluggish, deposit large masses of fat on the internal organs, and lay a few eggs of large size and excellent quality; and that the flesh of nitrogenous fed fowls contains more albuminoids and less fat than those fed on a carbonaceous ration, and is darker coloured, juicier, and tenderer.

BARRIE POULTRY ASSOCIATION.

THE regular meeting of the Barrie Poultry, Pigeon and Pet Stock Association was held at the residence of Mr. Love on Monday, Aug. 3rd.

The President, Mr. Love, called the meeting to order, and the minutes of the last meeting were read and confirmed.

There was a good attendance of members present. No business of special importance was transacted.

The meeting then adjourned till the first Monday in Sept.

W. L. MITCHELL,
Sec'y.

P.S.—Look for Barrie poultry department in this issue of REVIEW.

MONTREAL EXHIBITION.

BY the time this is in print the entries will have closed for the fall exhibition, and we trust the Exposition Company will be rewarded for their liberality in the prize list, as well as their endeavors to have everything complete and satisfactory, by having a very large number of entries of poultry and pigeons. We trust that the entries will be more than local, and that both east and west will be largely represented by the leading fanciers. It is to be hoped that the competition will be keen in all classes. The poultry house has been enlarged and will provide ample accommodation for every exhibit, and the light has been so arranged that in all parts of the building the birds will be able to be seen by visitors. We trust that in the next number of the REVIEW we shall be able to report that it has been the largest fall exhibition ever seen in Montreal. We would again remind our readers that all communications in regard to the care of the birds should be addressed to the Superintendent, G. C. Philpott, at the Exhibition Grounds, or 303 S. Charles Barronee Street. MONTREAL.

EASTERN ONTARIO POULTRY ASSOCIATION.

A GENERAL meeting of this Association was held in the office of the Central Canada Fair, on Monday evening, August 24th.

The date of the annual show was fixed for the 3rd week in January.

Thos. H. Smelt of Woodstock, was appointed judge on poultry.

It was decided to hold the annual meeting for the election of officers on Wednesday, Sept. 30th at 8 o'clock, in