

were piled four deep to make room for all the exhibits. All the classes had increased entries. The white Wyandottes were a particularly large class. There was also a very large display of ducks. If there is any increase in next year's exhibits some additions will have to be made to the poultry house.

#### Central Experimental Farm Exhibit.

All along one side of a building the Central Experimental Farm had a most interesting and instructive exhibit, and it was much admired. Many and many a farmer had a good look at it and took notes also. Under arches along the wall there was painted in a free hand the names of the six worst weeds; the five best varieties of ensilage corns; nine of the best varieties of potatoes; five leading varieties of wheat, oats, peas, and barley; the advantages of early over late sowing, showing the difference in six different sowings; the best grasses for lawn purposes and for general use on the farm; the best varieties of poultry for the farmer and specimens in coops, made a part of the exhibit. Next to this was a working dairy, where exhibitions of butter-making were given every day at ten and one o'clock. On large tables in the centre of the building a fine display of grapes, apples, plums, etc., grown upon the farm were shown. The whole exhibit formed a most instructive object lesson, that could be used to very great advantage at all our larger fairs.

#### The C.P.R. Exhibit.

On the opposite side of the building the Canadian Pacific Company made a magnificent display of grain in the sheaf and in the bag, of prairie grasses, and of many other things too numerous to mention. On a table running the length of the building they made an excellent display of samples from the mining regions and even from the now far-famed Klondike.

#### The Dairy Exhibit.

The quality of the buttershown, both in the dairy and factory lots, was a great improvement on that of other years. The same may also be said about the cheese.

#### The Honey Exhibit.

Gould, Shapley & Muir had a very large exhibit of honey in its various forms in all sizes and shapes of jars. Besides this they had a good display of all their bee-keeping supplies. Mr. Shafer, from Brant county, also had a small exhibit of honey, and there were a few entries from around Ottawa. Messrs. Gould, Shapley & Muir report a good sale of their entire exhibit of honey.

#### Beef Cattle.

**SHORTHORNS.**—There was only one herd out, that of Capt. T. E. Robson, of Ilderton. Mr. James Leask had out Moneyfuffel Lad, and W. C. Edwards & Co. had out a few yearling heifers, just from the field, besides the calves that were shown at Toronto and London. In the class for bulls three years old and upward, the fight was between Robson's Nominee and Leask's Moneyfuffel Lad. Nominee was at the top at Toronto and Moneyfuffel Lad at London. The judge here placed Nominee first. There was only one two-year-old, owned by Mr. McLaren, of Arnprior. There were no yearlings out. In bull calves Edwards & Co. had out the only entries. These calves have made a good record for themselves, and were awarded first, second, and third places. The diploma went to Robson's Nominee. Robson's Daisy of Strathallan and Glamis Gentle were the only cows out. They were placed in the order named. Robson's Mysie's Rose was the only two-year-old shown. Edwards & Co. had out two yearling heifers right out of the pasture field, and secured third place on one of them, first and second places going to Robson's two entries. In heifer calves Robson's Myrtle 6th was first, Edwards & Co. securing second and third places. Best female was found in Robson's white two-year-old, Mysie's Rose. The gold medal and diploma for the herd went to Robson, while that for calves went to the Rockland herd.

*Judge.*—John Miller, jr., Brougham.

**HEREFORDS.**—As at London, the herd of E. D. Smith, Compton, Que., had things all their own way.

**POLLED ANGUS.**—Mr. Bowman, of Guelph, had out eleven head in good shape, but he had no competition. He has always had competition in other years. His animals were out in better shape than usual.

**GALLOWAYS.**—John Sibbald and David McCrae were the only exhibitors in this

class. In the section for bulls, three years old and upward, the fight was between McCrae's old champion winner, Canadian Borderer, and Sibbald's Ottawa. At London Ottawa was placed first, but here Canadian Borderer was again put back to his old place. He also won the diploma for best bull, any age. Sibbald had the only two-year-old, and McCrae the only bull calf. In the yearling section Sibbald was first and McCrae second and third. There was quite a large entry of cows, three years old and upward; first and second places went to Sibbald, and third to McCrae. In two-year-olds Sibbald was first again, although there were those who supposed it would have been right to have given McCrae all three awards. In yearlings and heifer calves McCrae was first and second, and Sibbald third. Sibbald's Countess Glencairn 3rd was awarded the diploma for best female. The gold medal went to Sibbald on account of McCrae losing first place on two-year-olds.

*Judge.*—John Miller, jr., Brougham.

**DEVONS.**—W. J. Rudd, Eden Mills, and W. C. Edwards & Co., Rockland, were the exhibitors in this class. The Rockland herd had first for aged bull and bull calf, and the diploma for best bull. Rudd had the only entries for two-year-olds and yearlings, two in each section; he also had second place for aged bull and bull calf. In females, Rudd had the lead, securing first place all the way through, and second for yearlings. Edwards & Co. got third for yearlings, and second and third for two and three-year-olds. The gold medal and diploma went to the Rockland herd. This was a great victory for a new exhibitor.

**FAT CATTLE.**—There were not many fat cattle out. Leask, Bowman, and Rudd were the only exhibitors.

**GRADE CATTLE FOR DAIRY PURPOSES.**—There was an exceedingly good showing in this class. Many of the animals shown were high grade Ayrshires and typical dairy cows. J. G. Clark was very successful in this class. An exceptionally good smooth entry of Mr. Clark's was awarded first place in the aged section out of a ring of ten good entries. R. Reid & Co., Hintonburg, were placed second and third with two good cows. All three were cows of the true dairy type, and there was apparently little to choose between the first two, but Clark's cow was a little the smoothest and the sweetest of the two. Other awards fell to representatives of these two herds in the other sections.

**GRADES FOR BEEF PURPOSES.**—In this class James Leask, of Greenbank, had it all his own way.

#### Dairy Breeds.

**AYRSHIRES.**—There was a very good turn out of Ayrshires. The exhibitors were R. G. Steacy, Lyn; D. Drummond, Petite Cote, Montreal; W. Wylie, Howick; John Howden, Howick; J. G. Clark, Ottawa; R. Reid & Co., Hintonburg; Joseph Yuill, Carleton Place; Wm. Stewart & Son, Menie, and quite a number of others who had out only a few animals. A ring of nine entries faced the judges in the aged bull section; they were a lot of good bulls, and it took the judges some time to select the prize ones. D. Drummond's Kelso Boy, the winner at Toronto, was again placed to the front, Steacy's Carlyle of Lessnessock was second; third place went to Wylie's Lord Stirling, and fourth to Drummond's Glencairn of Maple Grove. In two-year-olds Steacy was first and Howden second. There were only two yearlings; first went to Wm. Stewart & Son for Dainty Lad. Only five bull calves under one year and over six months old came into the ring. First place was given to Messrs. Stewart's Glencairn of Burnside, a very promising youngster out of Drummond's Baby Ruth; R. Reid & Co., of Hintonburg, secured second on their calf that was third at Toronto; third place went to Jos. Yuill. No less than nine young calves under six months were out. First place went to Drummond, second to Steacy, third to Stewart, and fourth place to Yuill. The diploma for best bull went to Steacy for Carlyle of Lessnessock.

A ring of fourteen or fifteen good aged cows faced the judges. After some time the judges finally drew out Steacy's May Queen for first place (she was first and sweepstakes at Montreal). Second went to a very useful cow of Wylie's, Lady Stirling, third place to Stewart's Jean Armour, and fourth to Nellie Osborne. In the three-year-old section there were eight good animals out. First place went to Drummond's Baby Ruth, second to Steacy's Beauty of Fairfield, third to Wylie's

imported cow, White Glen, and fourth to Stewart's Red Rose 3rd. Two-year-olds were another good class. Here, Wylie secured first place with Lady Kelpie, Drummond was second with Fairy of Burnside, Stewart third with Lady Aberdeen, and Clark fourth with a very useful type of heifer. A string of twelve yearlings lined up in front of the judges. Stewart was again first with Lady Ottawa, a promising daughter of Jean Armour, Drummond second with Twin of Burnside, Wylie third with Queen of Elm Shade, and Steacy fourth with Lady Diana. In a good string of heifer calves over six months Drummond's unbeaten Nellie Osborne of Burnside was again at the top. Wylie secured second, Stewart third, and Yuill fourth place. In under six months Drummond was first and second, Stewart third, and Yuill fourth.

The best female was found in Steacy's May Queen. The gold medal and diploma for best herd went to Steacy, second place to Drummond, and third place to Wylie. Drummond won the diploma for the young herd. Mr. Drummond has captured the young herd prize at Montreal, Toronto, London, and Ottawa.

*Judges.*—J. H. Douglas, Warkworth; C. Newman, Lachine; and H. Eyre, Harlem.

**JKSEYS.**—Miller & Sibley, Franklin, Pa., and Robt. Davies, Toronto, were the only two herds forward. A number of single entries were made by local parties, and a few good entries by McCraig & Robertson, Vankleek Hill. The American herd secured first place for aged bull, second place for two-year-olds, first for yearling, and first for bull calves, and diploma for best bull. Robt. Davies' Distinction's Golden was first as a two-year-old. McCraig & Robertson had second places in the aged section and for bull calves. Cows, four years old and upward, made five entries. The four awards went to the American herd. In three-year-olds they secured first place, second and third going to R. Davies. In two-year-olds R. Davies was first, second and third places going to Miller & Sibley. Six yearlings were out, and first and third places went to Miller & Sibley, second went to R. Davies. Miller & Sibley had the only two heifer calves over six months, while under six months they had first and second places, and R. Davies third place. The American herd had the best female and first and third places for herds, Davies getting second place.

*Judge.*—J. C. Snell, London.

**GUERNSEYS.**—The same three herds that were shown at the other exhibitions were here fighting for the mastery again. In the aged class Hon. Sydney Fisher's bull, Nereus, was put up to first place again, McNish securing second, and Butler's May's Rosebery going back to third place. In yearlings Butler was first, with Mr. Fisher second. In bull calves the Dereham Centre herd had out the first and third animals, and second place was found in the Knowlton herd. Butler had the best bull in his yearling. In aged cows there was a ring of six cows; first went to McNish's Adela (also sweepstakes), second went to Butler, and third to Mr. Fisher. Butler secured first and third for three-year-olds, third for two-year-olds, second and third for yearlings, and second place for herd; McNish Bros., second for three-year-olds, first for yearlings, and the gold medal and diploma for best herd. The Knowlton herd was first and second for two-year-olds.

*Judge.*—J. C. Snell, London.

**HOLSTEINS.**—The principal exhibitors were G. W. Clemons, St. George; C. J. Gilroy & Son, Glen Buell; and Messrs. McCraig & Robertson, of Vankleek Hill, and G. K. Dowler, Billings' Bridge, had out a few entries. In the aged section, Clemons was first with Count Mink Mercedes, and Gilroy second with Inka Kathleen's Son. McCraig & Robertson had the only two-year-old, and Clemons the only yearling. Gilroy had first place for bull calf over six months, and Dowler second place. Under six months, first place went to A. & G. Rice, Curries' Crossing, and second place to McCraig & Robertson. Clemons had the diploma bull. Clemons secured first and second for four-year-old cows, first for three-year-olds, second in two-year-olds, first and second for yearlings, second for heifer calf over six months, and first for heifer calf under six months, the gold medal and diploma and third place for herds, also sweepstakes for best female. Messrs. Gilroy's winnings were third and fourth for aged cows, second and third for three-year-olds, first for two-year-olds, third for yearlings, first and third for heifer over six months, second and third for heifer under six months, second for herd, and diploma for young herd.

(To be continued next week.)

## BOOKS AND BULLETINS

Annual Report of the Beekeepers' Association of the Province of Ontario for 1896. 48 pages. From the Minister of Agriculture, Ontario.

**Pigs. Their Breeds and Management.** By Saunders Spencer. With a chapter on the diseases of the pig, by Professor J. Wortley Axe, and a chapter on bacon and ham curing by S. M. Douglas. With a number of plate illustrations. Handsomely bound. Price, 3s. 6d. From the publishers, Vinton & Company, London, England.

Experimental Farms, Canada. Reports from the Director, Horticulturist, Chemist, Entomologist and Botanist, Poultry Manager, superintendent of farm at Nappan, N.S., horticulturist at Nappan, N.S., and superintendents at Brandon, Man., Indian Head, N.W.T., and Agassiz, B.C. 474 pages. From Dr. Wm. Saunders, Director, Ottawa.

**Cattle. Their Breeds and Management.** By William Housman. With chapter on diseases of cattle, by Professor J. Wortley Axe. Being No. IV. of "Live Stock Handbooks." Edited by James Sinclair, editor of *Live Stock Journal*. 270 pages. Many fine plates. Handsomely bound. Price, 3s. 6d. From the publishers, Vinton & Company, London, England.

## Publishers' Desk.

**Some Uses of Salt.**—Potatoes should always be boiled in salt water, in preference to the practice of salting them afterwards, because salt water boiling at a higher temperature than fresh water, the cooking is more perfect, and the flavor preserved.

**Cooking, Baking, etc.**—Cabbages, broccoli, Brussels sprouts, and cauliflowers should always be put in salt water before cooking, to bring out any insects. Lettuce, celery, spinach, watercress, and other vegetables eaten raw, should be cleansed in salt water to destroy worms and other animalculæ.

**Poultry and Pigeon Show.**—The Seneca N. Y. Poultry and Pigeon Association will hold their first exhibition of poultry and pigeons at Seneca Falls, N. Y., from Nov. 29th to Dec. 2nd, 1897. This event is likely to be of interest to all poultry and pet stock fanciers, and every pains is being taken to make it a success.

**Subscribers to Farming.**—Kindly examine the address label on this issue. If your subscription is due we should be pleased to have your early remittance of the amount. For two new subscriptions sent in at \$1 each we will advance your own subscription one year, and for one new subscription we will advance it six months. We will send FARMING from now till the end of 1898 to new subscribers for \$1 in advance.

**Welland Vale Bicycles.**—We are pleased in this issue to be able to call the attention of our readers to the advertisement of the Welland Vale Manufacturing Co. Limited, St. Catharines, Ont. This firm is one of the leading Canadian manufacturers of up-to-date bicycles, and has won a reputation for the good quality of the article manufactured. Their special one piece axle and cranks are the simplest and best attachment for a bicycle, and are guaranteed unconditionally. The bicycles made by them are the Perfect, Garden City and Dominion. They are also manufacturers of all kinds of sporting and hunting outfits.

**Poultry Instruction.**—Mr. Samuel Cushman, formerly Poultry Manager for the Rhode-Island Experiment Station—in which capacity the excellence of his work attracted our attention years ago—but now of Pawtucket in the same State, and a valued member of the *Country Gentleman* staff—may be engaged to address farmers' institutes, poultry societies, grange meetings and agricultural college students in any part of the country on certain topics relating to poultry production, with special attention to turkey, goose and artificial duck-raising. We feel confident that his lectures will give satisfaction. He is remarkably painstaking and accurate in gathering facts, clear and entertaining in presenting them, and never speaks or writes without having something of solid value to communicate.