

Piano, square, J. C. Fox, Kingston, and Heintzman & Co., Toronto, each 1st class prize of ..... \$15  
Piano of any kind, 1st prize, J. F. Rainer & Co., Whitby.. 15

## EXTRA PRIZES.

S. R. Warren & Co., Montreal, miniature organ; A. Newell, Toronto, Reeds for melodeons; J. F. Rainer & Co., Whitby, one elliptic piano.

## JUDGES' REPORT.

The Judges recommend that in future melodeons be divided into two sections, single and double reed; and in regard to square pianos, those of Mr. Murray, of Kingston, are recommended as good instruments, but ruled out, not being entered in the name of the manufacturer.

The Judges reported, "after a most careful and extended trial of pianos, Nos. 1 and 2, of J. C. Fox & Co. and Heintzman & Co., they experience a difficulty in deciding on their merits, as to which is entitled to the first prize. They, therefore, recommend that a first prize be given to each—to No. 1, J. C. Fox, of Kingston, for "power of tone," and to No. 2, Heintzman & Co., Toronto, for "fullness and equality of tone."

The Judges also have great satisfaction in reporting the steady progress in the manufacture of musical instruments in this province, as evidenced by the number of very superior pianos, harmoniums, and melodeons shown on the present occasion; and also the church and chamber organs by Warren, of Montreal. They would also highly recommend the elliptic pianos of J. F. Rainer & Co., of Whitby, and the melodeon reeds by A. Newell, of Toronto; the latter as a new branch of manufacture deserving encouragement.

## CLASS XLVII.—NATURAL HISTORY.—21 ENTRIES.

JUDGES.—Dr. S. P. May, Toronto; Dr. Beatty, Cobourg; Joseph Dawson, F.C.S., Kingston.  
Collection of native stuffed birds, classified, 2nd prize, T. Shelborne, Kingston. \$6  
Collection of native preserved fishes, 2nd prize, T. Shelborne. 6  
Collection of native insects, classified, 1st prize, R. V. Rogers, Kingston. 8  
2nd do O. Meeves, Kingston. 4  
Collection of native plants, arranged in their natural families, and named, 1st prize, J. Macoun, Belleville, Dioma and. 8  
Collection of stuffed birds and animals of any country, 1st prize, O. Meeves, Kingston. 7  
2nd do Mrs. Bajus, Kingston. 6

## EXTRA PRIZES.

J. O'Sullivan, Kingston, anatomical preparation, diploma; F. Hallendel, Ottawa, model of 68 pounder made from rock of Gibraltar; Mrs. J. Craig, Kingston, stuffed beaver; E. Leonard, Kingston township, collection of Canadian woods; W. M. Stewart, Watertown, N. Y., Abestus, a non-combustible or cotton stone, found in the Province of Quebec.

## CLASS XLVIII.—PAPER, PRINTING, PENMANSHIP, BOOKBINDING AND TYPE.—13 ENTRIES.

JUDGES.—H. C. Grant, Kingston; Thomas White, Hamilton.  
Letter-press-printing, plain, Robertson & Cook, Toronto, 2nd prize. \$3  
Letter-press printing, ornamental, 2nd prize, Robertson & Cook, Toronto. 8  
Letter-press-printing, posters, plain and ornamental, 2nd prize, Dr. Barker, Kingston. 3  
Paper hangings (Canadian paper), one dozen rolls, assorted, 1st prize, Moses Staunton, Toronto. Diploma and Penmanship, business hand, without flourishes, 1st prize, Musgrove & Wright, Toronto. 4

## EXTRA PRIZES.

Musgrove & Wright, system of Penmanship; H. V. Brown, Kingston, prepared fibre of cedar bark for making paper; Dr. Barker, Kingston, copper-plate printing, recommended.

## CLASS XLIX.—SADDLE, ENGINE ROSE, TRUNKMAKERS' WORK, LEATHER, ETC.—72 ENTRIES.

## SADDLERY, ETC.

JUDGES.—Robert Irwin, Montreal; Wm. Inkson, Hamilton; Wm. Edwards, Toronto.  
Collars, an assortment, 1st prize, R. Nicolls, Toronto. \$5  
2nd do R. Malcom, Toronto. 3  
Engine hose and joints, 2½ inches diameter, 50 feet of copper riveted, 1st prize, L. J. Campbell, Montreal. 8  
Harness, set of double carriage, 1st prize, R. Malcom, Toronto. 5  
2nd do P. O. Crandell, Trenton. 7  
Harness, set of single carriage, 1st prize, R. Malcom, Toronto. 7  
2nd do R. Nicolls, Toronto. 4  
Harness, set of team, 1st prize, R. Malcom, Toronto. 6  
Harness, set of express, 1st prize, R. Nicolls, Toronto. 6  
2nd do R. Malcom, Toronto. 4  
Leather machine belting, an assortment, 1st prize, Wm. Ford, Jr., Kingston. 8  
Saddle, Ladies' full quilted, 1st prize, R. Malcom, Toronto. 8  
Saddle, ladies' quilted safe, 1st prize, R. Malcom, Toronto. 6  
Saddle, gentleman's full quilted, 1st prize, R. Malcom, Toronto. 7  
Saddle, gentleman's plain Shaftoe, 1st prize, R. Malcom, Toronto. 6  
Trunks, an assortment, 1st prize, R. Malcom, Toronto. 5  
Valises and travelling bags, an assortment, 1st prize, R. Malcom, Toronto. 5

## SADDLE AND HARNESS STOCK.

Check for horse collars, one piece, 1st prize, W. Leonard, Westbrook. \$6  
2nd do H. Smith, Kingston. 3  
Belt leather, 30 lbs., 1st prize, L. J. Campbell & Co., Montreal. 4  
2nd do Wm. Ford, Jr., Kingston. 3  
Brown strap and bridle, one side of each, 1st prize, Wm. Ford, Jr., Kingston. 3  
2nd do R. Lingwood, Fergus. 3  
Carriage cover, two skins, (whole), Wm. Ford, Kingston. 3  
Deer skins, three dressed, 1st prize, R. Lingwood, Fergus. 3  
Harness leather, two sides, 1st prize, R. Lingwood, Fergus. 4  
2nd do Wm. Ford, Jr., Kingston. 3

Horse blankets, two pairs, 1st prize, R. Denison, Richmond. \$5  
2nd do F. M. Campbell, Storrington. 3  
Skirting for saddles, two sides, 1st prize, R. Lingwood, Fergus. 4

## EXTRA PRIZES.

R. Lingwood, Fergus, Card Leather; L. J. Campbell & Co., Montreal, three hides Oak Tanned Belt Leather; L. J. Campbell & Co., Montreal, Oak Belting and Belt Leather; Diploma; E. Snider, Elizabethtown, a piece of Saddle Serge; L. F. Fralick, Ernestown, made up Horse Clothing; R. Malcom, Toronto, best General Display, Diploma.

JUDGES' REPORT.—The Judges have great satisfaction in reporting a very fair competition, both in quantity and quality, and recommend a diploma to Mr. Malcom, for the largest display of saddles, harness and trunks on exhibition. The saddles—gentlemen's and ladies'—the single and double carriage harness, and express harness, shown by Mr. Bach, of Toronto, although entered in time, did not reach the exhibition until after the awards were made in the regular sections. They would, however, under the circumstances recommend a liberal prize to Mr. Bach for good workmanship and proportions in all his goods.

## CLASS L.—SHOE AND BOOTMAKERS' WORK, LEATHER, ETC.—43 ENTRIES.

JUDGES.—Wm. Deering, Cobourg; Wm. Burns, Whitby.  
Boots, Ladies', an assortment, 1st prize, A. Sutherland, Kingston. \$7  
2nd do Wm. Allan, Kingston. 4  
Boots, Gentlemen's, sewed, an assortment, 1st prize, A. Sutherland, Kingston. 7  
2nd do Wm. Allan, Kingston. 4  
Boots, pegged, an assortment, 1st prize, W. Allan, Kingston. 5  
2nd do A. Sutherland, Kingston. 3  
Boot and Shoemakers' Lasts and Trees, 1st prize, M. Selway, Toronto. 8  
Calf Skins, two, 1st prize, Wm. Ford, Kingston. 3  
2nd do R. Lingwood, Fergus. 2  
Calf Skins, two grained, 1st prize, R. Lingwood, Fergus. 2  
2nd do Wm. Ford, Kingston. 2  
Cordovan, two skins, 1st prize, R. Lingwood, Fergus. 2  
Dog Skins, two dressed, 1st prize, Wm. Ford, Jr., Kingston. 2  
2nd do R. Lingwood, Fergus. 2  
Kip Skins, two sides, 1st prize, Wm. Ford, Jr., Kingston. 2  
2nd do R. Lingwood, Fergus. 2  
Kip Skins, two grained, 1st prize, Wm. Ford, Jr., Kingston. 2  
2nd do R. Lingwood, Fergus. 2  
Linings 6 skins, 1st prize, W. Ford, Jr., Kingston. 2  
Sole Leather, two sides, 1st prize, R. Lingwood, Fergus. 2  
2nd do Wm. Ford, Jr., Kingston. 2  
Upper Leather, two sides, 1st prize, R. Lingwood, Fergus. 2  
2nd do Wm. Ford, Jr., Kingston. 2  
Upper Leather, grained, two sides, 1st prize, R. Lingwood, Fergus. 2  
2nd do Wm. Ford, Jr., Kingston. 2

## EXTRA PRIZES.

R. Lingwood, Fergus, Satin Calf, Pebbled Cow, Buffed Cow, Buffed Deer, and Split; A. Sutherland, Kingston, a pair of Highland shoes; Wm. Ford, Jr., Kingston, Buff Leather.

## CLASS LI.—WOOLLEN, FLAX AND COTTON GOODS, FURS, AND WEARING APPAREL.—144 ENTRIES.

JUDGES.—Hugh Fraser, Whitby; Glover Bennet, Cobourg; Wm. Cottingham, Omeamee.  
Blankets, Woollen, one pair, 1st prize, E. Snider, Elizabethtown. \$6  
2nd do S. Wartman, Kingston Township. 5  
Caps, Cloth, an assortment, 1st prize, Wm. Grow, Kingston. 5  
Carpet, piece woollen, 1st prize, E. Snider, Elizabethtown. 5  
2nd do A. Bond, Storrington. 5  
Carpet, piece woollen stair, 1st prize, E. Snider, Elizabethtown. 7  
Carpet, piece Rag, 1st prize, N. Dollar, Fredericksburg. 2  
2nd do R. Pigeon, Napanee. 2  
Fulled cloth, piece, 2nd prize, M. File, Fredericksburg. 2  
Counterpane, two, 1st prize, Miss J. Waldron, Storrington. 5  
2nd do W. E. Hazard, Richmond. 8  
Cordage and Twines from Canadian Flax or Hemp, assortment, 1st prize, E. Law, Kingston. 10  
2nd do N. Couper, Kingston. 5  
Drawers, 6 pair woollen factory made, Armstrong, McCrae & Co., Guelph. 5  
Flannel, not factory made, piece, 1st prize, R. Spooner, Kingston township. 5  
2nd do J. Donnelly, Portland. 5  
Fur cap and gloves, 1st prize, C. Wright, Kingston. 5  
2nd do W. Grow, Kingston. 5  
G. H. Haymes, Belleville, recommended. 5  
Fur sleigh robes, including buffalo, wolf and racoon, 1st prize, Wm. Grow, Kingston. 15  
2nd do C. Wright, do. 8  
G. H. Haymes, Belleville, recommended. 8  
Gloves and mitts of any leather, an assortment, 1st prize, Hall & Childs, Brockville. 5  
2nd do Wm. Grow, Kingston. 3  
J. Cook, Toronto, recommended. 3  
Linen goods, unbleached, one piece, 1st prize, Robert Hutton, Kitley. 5  
Linen sheeting, bleached, 1st prize, R. Hutton, Kitley. 5  
Overcoat, of Canadian cloth, 1st prize, Miss J. Waldron, Storrington. 5  
Shawls, home-made, 1st prize, H. Huffman, Fredericksburg. 5  
2nd do John Jackson, Newburgh. 2  
C. Dollar, Fredericksburg, recommended. 2  
Sheepskin mats, dressed and colored, an assortment, 1st prize, J. Cook, Toronto. 6  
Shirts, factory made, three of each, woollen and Angola, 1st prize, Armstrong, McCrae & Co., Guelph. 5  
Silk and felt hats, 1st prize, C. Wright, Kingston. 5  
2nd do Wm. Grow, Kingston. 5  
Stockings and socks, factory-made, woollen, three pairs of each, 1st prize, Armstrong, McCrae & Co., Guelph. 5  
Stockings and socks, factory-made, mixed woollen and cotton, three pairs of each, 1st prize, Armstrong, McCrae & Co., Guelph. 5  
Winsey, checked, one piece, 1st prize, J. Richardson, Pelham. 5

\* A protest by Mr. Bach, against the awards made to Mr. Malcom's saddles, on the ground of their being imported articles, now awaits the decision of the Association.

Wollen shawls, stockings, drawers, shirts and mitts, an assortment, 1st prize, Armstrong, McCrae & Co., Guelph. \$10  
2nd do Mrs. E. Jackson, Kingston tp. 6  
Yarn, white and dyed, 1 lb. of each, 1st prize, James Gibson, Kingston Township. 3  
2nd do J. Richardson, Pelham. 2  
Yarn, fleecy woollen, for knitting, 1 lb., 1st prize, T. Wilson, Kingston. 3  
Yarn, linen, 2 lbs., 1st prize, James Gibson, Kingston tp. 3  
2nd do Robert Hutton, Kitley. 2

## EXTRA PRIZES.

E. Law, Kingston, assortment of cordage from Russian flax; C. Sibbald, Brockville, four fleeces Negretti merino wool; J. Donnelly, Portland, a piece of shepherd plaid, recommended; Charles Doeblar, Port Hope, assortment of ladies' furs; Robert Hutton, Kitley, linen diaper towels, table linen, and linen coverlid; S. Wartman, Kingston township, home-made mats and fancy flannels; W. Grow, Kingston, assortment of ladies' furs; C. M. Star, patient in Penitentiary Lunatic Asylum, for gloves and mitts, stockings, and fly catcher; N. Couper, Kingston, assortment of cordage and twines from Russian and Manila hemp; C. Wright, Kingston, assortment of ladies' furs and dressed fur skins; J. G. Sherlock, Kingston, military undress coat; J. Cooke, Toronto, hearth rug; C. Winickie, cloth patch-work quilt; Staff Surgeon Corbett, Kingston, six leopard and one fox skin, shot in the Himalayas; Empire Hat Co., Watertown, N. Y., ladies' patent waterproof paper hats; Black River Paper and Manufacturing Co., Watertown, N. Y., patent satchel and double bottom paper flour sacks; Hall & Childs, Brockville, assortment of dressed kid leather.

## The Field.

## The Influence of Forests on Climate.

In the *Athenæum* of June 1st. are two paragraphs bearing on this subject. The first is as follows:—

"We have frequently directed attention to the mischievous effects of the reckless cutting down of trees in France and southern Europe, where the climate becomes every year drier, and the soil is washed away by destructive floods, to the impoverishment of whole provinces. Warnings have long been uttered by competent observers, but in vain; a sort of rage for cutting down woods has prevailed for the last two centuries. But at length the people most interested—the inhabitants of the countries involved—have begun to open their eyes to the question, and a petition has been laid before the French Senate, which points out that the army might be employed in planting trees on the now barren hill slopes and plains. It would be something new to exercise soldiers in so peaceful and beneficial an undertaking, and we should be glad to see the experiment tried. Planting might prove more profitable than fighting; plenty would replace penury, and meteorologists would have the opportunity of witnessing a singularly interesting experiment."

The second paragraph refers to the Mauritius, and is in the following terms:—

"During the past five years, the Meteorological Society of Mauritius have extended their system of observations so as to include twenty-two stations where the rain-fall is registered. Though the time is comparatively short since the system was adopted, some remarkable results have been obtained. At Cluny, a place in the south-east of the island, bordering on mountains and forests, the total rain-fall was, in 1865, more than 192 inches; at Gros Cailloux, sixteen miles distant to the north-west, the rain-fall in the same year was, omitting decimals, thirty-six inches. These figures give the highest and lowest quantity registered in Mauritius in the year. Another fact which has become apparent seems to strengthen the theory, much discussed of late, which shows a dependence between rain-fall and forests. In some parts of the island, only a few years ago, a dry, cloudless day was of rare occurrence; whereas dry days are now frequent, and the cane-fields suffer from drought. Some of the rivers are much diminished in volume, and some streams have almost entirely disappeared; lakes and marshes are drying up; in consequence of which, the yield of sugar-cane has decreased, and on some estates the cultivation has been abandoned. Other estates on the high ground near the edge of the forests, which were formerly considered too cold and wet for a good crop of canes, are now very productive. But with a continuance of the cause, it is believed that they too will become subject to the same effect. These, in the words of the report published by the Society, are 'incontrovertible facts,' however they may be explained. And though there is no diminution in the rain-fall for the whole of Mauritius, the deficiency is great in districts in which 'extensive denudations' have been made. It should never be forgotten that if forests have no other effect, they intercept some portion of the rain, and assist in preserving the humidity of the soil. When exposed to the full glare of the sun, springs and rivers dry up rapidly. Although these remarks relate to an island in the tropics, there is much in them that applies to our own island, where new theories of farming have of late years occasioned the destruction of miles of hedgerows and acres of timber."