

trust that the culture of this crop will receive the attention from farmers of which it is worthy, and feel convinced that flax may be made a most important article of export from Canada.

Resolved,—That so soon as a sufficient number of the cattle breeders throughout the country, and of the County and Township Agricultural Societies in the Province, shall each bind themselves to take a copy of the Herd Book of Canada Short Horned Cattle, this Board will undertake to publish such a work, and offer the same at a reasonable price, probably not exceeding \$3 per copy.

Mr. Knowlson's letter on the subject of the organization and management of Agricultural Societies generally, and particularly in regard to the Societies in the County of Victoria, having been considered, it was

Resolved,—That as certain abuses stated by Mr. Knowlson to prevail in the management of the affairs of the Agricultural Societies in the County of Victoria appear to be altogether of a local character, the remedy appears to the Board to lie in the hands of the intelligent and influential individuals residing within the limits of each Agricultural Society, and the Board recommend united efforts to dispel such abuses, if they really exist, on the part of all the real friends of Agricultural progress, and the Secretary is hereby instructed to communicate with the Secretary of the County Society, calling his attention to the alleged abuses, and particularly to any inaccuracies and omissions which may be found to occur in the statement of receipts and expenditures accompanying the annual reports.

On the question of Annual Agricultural Statistics the Secretary was instructed to correspond with the Bureau of Agriculture with the view of ascertaining whether the Government designs to undertake the collection of such statistics in future.

In reference to Mr. Shanlay's application it was

Resolved,—That one quarter's rent be remitted to Mr. Shanlay in full satisfaction of his claim for repairs, in addition to the remission of any charge for fodder remaining in the outbuildings when he entered into possession.

AS COUNCIL OF THE ASSOCIATION.

Mr. Ferguson submitted an account for the services of guards employed at the Exhibition of 1859.

Moved by Mr. Ferguson, seconded by Mr. Buckland, and

Resolved,—That the account remaining over since last Exhibition at Kingston for services of guards employed by the Local Committee, amounting to \$86.75, be paid.

On motion, the Secretary was instructed to procure suitable badges for the members and officers of the Council and the Local Committee during the Exhibition.

On motion, it was **Resolved**—That Dr. Beatty be requested to visit Kingston at an early day for the purpose of giving directions in reference to the internal fitting up of the Exhibition Building.

The Board then adjourned to Saturday, September 19, at the Exhibition Grounds, Kingston, at 2 p. m.

CHEMICO AGRICULTURAL SOCIETY OF ULSTER.—NEW FLAX MACHINE.

We observe from the Journal of this important and useful Society, that the culture and production of Flax occupies a large share of its proceeding, and that its able and indefatigable chemist, Professor Hodge, continues to devote himself to the amelioration and advancement of agriculture, both as a science and an art. At the recent annual meeting of this Society, held in Belfast, we find from the Report that a new American Flax Brake was spoken of in highly commendating terms:

MR. GUILD—I beg to bring under the notice of the Chemico-Agricultural Society a new American invention for more thoroughly breaking flax straw, and so preparing it for the operation of scutching that the adhesion of the boom or shoove to the fibre is so slight that the scutching can be performed in less time, and the yield of fibre will be greater, than if the breaking be performed by any machine now in use. Nearly two hundred of Sandford & Mallory's flax and hemp breaks are at work in America, and the saving effected by their use is such that the machine is paid for in from twenty to thirty days. They are simple in construction, portable, no weighing over 10 cwt., do not occupy more than five feet square, require less than one horse power to drive, and no skilled attendance, will break from twenty to thirty cwt of straw per day, taking from it in the operation from 34lb. to 50lbs. per cwt. of shoove, and will give an increased yield of fibre of from 6 to 38 per cent according to the nature of the straw. No particular machine is required to scutch with afterwards—that operation can be performed by hand or by the ordinary mill stocks; if by the latter, much less speed will be necessary, at least one-third less than if the straw were broken by ordinary rollers. The flax produced is also softer, and more stones can be cleaned to the hand per day, whilst the tow left is clean, and worth nearly double the common scutching to. The machine consists of an iron frame, carrying two pairs of fluted metal rollers, the flutes being of a peculiar shape; to these rollers is communicated a rapid vibrating backward and forward motion, whereby the straw is crushed and rubbed so as effectually to loosen and shake off the shoove, and by an ingenious arrangement a continuous progressive movement is given to it