

great work of extending cultivation over our waste lands, and making them contribute to the national wealth.

It may be fairly assumed that for some time it will be difficult to keep up with the world's demand for good textile materials, so that their production must be profitable, not to mention the temptation which their presence amongst us would offer to manufacturing enterprise.

It appears that the claim of the Canada Nettle is to be a good substitute for hemp—that it would answer the purpose seems certain. The practical question is which is most deserving of our attention. As a perennial herbaceous plant the nettle would give less trouble in culture, but the hemp would probably have a stronger, loftier growth, which, assuming the quality of the fibre to be about the same, would give it an advantage in respect to the yield. The Nettle may deserve trial in some situations; but considering that we could easily raise hemp equal to the best in the market, it would perhaps be wiser to cultivate the article itself than its substitute.

Mr. Kirkwood has sought information diligently from the best sources, has added much that is valuable from his own experiments, and has communicated what he has collected with clearness and conciseness, so as to be a safe practical guide. We presume there is a slight mistake in calling (p. 9) the Syrian dogbane the true *Asclepias Syriaca*, and stating that it grows as far north as Upper Silesia, since it seems to be settled that in giving the name *Syriaca*, Linnaeus was under a mistake, supposing our plant identical with one named by Clusius, which is now called *Calotropis procera*, and which belongs to the natural family, though not to the genus *Asclepias*. This genus is found in a wild state only in America, though our plant has long been naturalized in Middle and Southern Europe, and has there been noticed as a textile plant. The beautiful silky seed down, though too brittle to spin alone, was carded with cotton, so as to add its lustre to the strength of the latter. It appears from Mr. Kirkwood's statement, that our ingenious neighbours in the United States have recently found the means of using this down with wool and silk, as well as with cotton, and even of spinning it alone. This, of course, adds greatly to the value of the crop, as the excellence of the stem fibre seems certain.

Mr. Kirkwood's Treatise should be read throughout the country; and we trust when read it will not be laid aside and forgotten, but will be taken as a guide in experiments cautiously made, with a view to the extensive cultivation of a plant which

Providence has bestowed on our country, and which may probably be made a source of national wealth more valuable than the gold mines which it begins to be supposed that we possess.

Board of Arts and Manufactures

FOR UPPER CANADA.

TRADE MARKS.

Trade Marks registered in the Office of the Board of Registration and Statistics, and open for inspection at the Library of this Board.

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Clark & White, Woodstock. This Trade Mark consists of a five pointed star in the centre, with the letters C. C. O. C. W., placed at equal distances between the points of the star, &c.; and surrounding the whole the words "Cedar Creek Oil Refining Co." and "Clark & White." Vol. A. fol. 159, No 131. Dated Feb. 25th, 1867.

ANNUAL EXAMINATIONS.

Directors and Members of Mechanics' Institutes are reminded that this Board proposes to hold its fifth annual examinations, for awarding of certificates, in accordance with the programme published in the January No. of the Journal, during the third week in May next. Names of intending candidates, with subjects of examination, should be sent to the undersigned by the 1st of May.

W. EDWARDS,
Secretary.

Board of Arts and Manufactures

FOR LOWER CANADA.

LIST OF EXHIBITORS,

AND THE ARTICLES SENT FROM THE BOARD OF ARTS AND MANUFACTURES FOR L. C., TO PARIS EXHIBITION.

- E. Gingras, & Co., Quebec.—Double family sleigh, and light cutter.
- John Dawson, Montreal.—Collection of planes.
- John Higgins, St. Hilaire.—Collection of axe and hammer handles.
- Smith & Cochrane, Montreal.—Collection of machine made boots and shoes.
- F. H. Symn, Montreal.—Traverse and lifting jack.
- J. & W. Hilton, Montreal.—Three sets bed-room furniture in black walnut, butternut, and basswood, commercial samples.
- J. T. Bigelow, Montreal.—An assortment of cut nails, spikes, brads, tacks, shoe bill, &c., in all, over 500 varieties.