

WRAPPERS and DRESSING SACKS. (See also Kimonas.)

Canadian Converters Co., Ltd., The, Montreal.
 Gale Mfg. Co., The, Toronto, Ont.
 Kassab, The G. & S., Kimona Mfg. Co., Montreal, Que.
 Stobart, Sons & Co., Ltd., Winnipeg, Man.

WRANCHES.

Butterfield & Co., Rock Island, Que.
 Canadian Billings & Spencer, Ltd., Welland, Ont.
 Jardine, A. B. & Co., Hespeler, Ont.
 Richards-Wilcox Canadian Co., Ltd., London, Ont.
 Smart, The Jas. Mfg. Co., Ltd., Brockville, Ont.
 Whitman & Barnes Mfg. Co., St. Catharines, Ont.

WRINGERS, Cloth.

Canadian Steel Foundries, Montreal, Que.
 Coghill, B. J. Co., Ltd., Montreal Que.
 Connor, J. H. & Son, Ltd., Ottawa, Ont.
 Cowan, O., The Estate of, Gananoque, Ont.
 Cummer-Dowdell, Ltd., Hamilton, Ont.
 Maxwell, David, & Sons, St. Mary's, Ont.
 Thomas Bros., Ltd., St. Thomas, Ont.

WURRU, or Waras, the yellowish red glaucous on the fruits of *Mallotus Philippensis*, furnish in India a useful colour for dyeing.

Y

YACHTS, Sailing.

Butler, M. L., Brighton, Ont.
 Gidley Boat Co., Ltd., Penetanguishene, Ont.
 Kingston Shipbuilding Co., Ltd., Kingston, Ont.
 New Burrell-Johnson Iron Co., Ltd., The, Yarmouth, N.S.
 Peterborough Canoe Co., Ltd., Peterborough, Ont.
 Rathbun Company, The, Deseronto, Ont.
 White, W. C., Boiler Works, Montreal, Que.

YACHTS, Steam. See also Launches, Steam.)

Atchison & Company, Cornwall, Ont.
 Fleming, James, St. John, N.B.
 Doty Marine Engine & Boiler Co., Ltd., Goderich, Ont.
 Gidley Boat Co., Ltd., Penetanguishene, Ont.
 Matheson, I. & Co., Ltd., New Glasgow, N.S.
 Miramichi Foundry & Machine Works, The, Chatham, N.B.
 Polson Iron Works, Ltd., Toronto, Ont.
 Vancouver Ship Yard, Ltd., Vancouver, B.C.
 Weir, J. & R., Ltd., Montreal, Que.

YAK, a species of ox which lives in Tibet and the adjoining highlands of Central Asia. Its long silky hair is spun into ropes and woven into tent coverings, and the soft fur on the hump into strong cloth. The white bushy tails are used in India as fly-flappers.

YAMS, the tubers of several species of *Dioscorea*, most of which grow within the tropics. *D. sativa* is the common yam of the West Indies, and *D. globosa* is the most esteemed kind in India. They will keep dried for some weeks, and are exported in small quantities, and yield a kind of arrowroot.

YARD MEASURES

Cowan & Britton, Ltd., Gananoque, Ont.
 Toronto Woodworking Co., Toronto, Ont.

YARN, the final product of combined fibres after leaving the spinning frame or mule, is characterized by the material from which it is made, and its size by a diversified system of numbers or counts, as they are called. (See **YARNS**) in clipper on weights and measures, denoting the length and weight in fixed standards. The many kinds of yarn in commercial use, include that made from wool, cotton, hair, silk, flax, hemp, jute, sisal and manilla, including worsted, mercerized, lisle, and union yarns, all manufactured by a process of drawing out and twisting of the fibres; also artificial silk and paper yarn manufactured by chemical process, previous to the twisting and subsequent processes. All kinds of wool and cotton yarns are manufactured in Canada, although not to sufficient extent to fill requirements, while only a small quantity of yarns made from vegetable fibre are manufactured in Canada. The imports of all kinds of yarns into Canada are valued at five and a half million dollars annually, the larger proportion of the imports being from the United Kingdom. The imports of yarns into Canada during the fiscal year ending March 31, 1913, which might be taken as the latest average conditions, were as follows: Cotton, \$1,911,815; woollen and worsted, \$324,686; silk, \$497,857; linen, \$58,825; jute and hemp, \$491,747.

For list of manufacturers see under cotton, wool, silk and hemp.

YARNS, Carpet, Wool, Worsted.

Glen Woollen Mills, Ltd., Glen Williams, Ont.
 Guelph Worsted Spinning Co., Ltd., Guelph, Ont.
 Humphrey, J. A. & Son, Ltd., Moncton, N.B.
 Perth Carpet Co., Ltd., Perth, Ont.
 Toronto Yarn Spinning Co., Ltd., Toronto, Ont.
 Wood, J. T., Brussels, Ont.

YARNS, Cotton.

Canadian Cottons, Ltd., Montreal, Que.
 Carter, E. T. & Co., Toronto, Ont.
 Cornwall & York Cotton Mills Co., Ltd., St. John, N.B.
 Dominion Textile Co., Ltd., Montreal, Que.
 Hamilton Cotton Co., Hamilton, Ont.
 Montreal Cottons, Ltd., Valleyfield, Que.
 Shawinigan Cotton Co., Ltd., Three Rivers, Que.
 York Knitting Mills, Ltd., The, Toronto, Ont.

YARNS, Fingering and Saxony.

Bonner-Worth Co., Ltd., The, Peterborough, Ont.
 Forbes, R., Co., Ltd., Hespeler, Ont.
 Paton Mfg. Co. of Sherbrooke, Sherbrooke, Que.

YARNS, For Electrical Manufacturers

Cornwall & York Cotton Mills Co., Ltd., St. John, N.B.
 Hamilton Cotton Co., Hamilton, Ont.

YARNS, Hosiery (Cotton). (See Cotton.)**YARNS, Knitting (Woollen).** (See Woollen.)

YEAST, the brownish frothy substance used in leavening bread and in fermenting beer, &c. Its action is due to the presence of innumerable one-celled microscopic organisms, of which there are numerous species. Dried and pressed yeast is made chiefly in Germany from rye and barley malt. The yeast is treated with carbonate of ammonia, deprived as far as pos-