

JUNK PILES ARE YIELDING VAST AMOUNT OF WEALTH

Increased Price of Metal Caused by the War Has Given the Industry a Decided Boom--The Public Beginning to Appreciate the Importance of Waste--The Junk Man Filling a Position of Great Importance to the Nation.

(Journal of Commerce)

It took the great war to bring the junkman into his own, says the New York Analyst. The transformation of the bubble rag-and-bottle and old iron man of the carefree days of old into the modern captain of industry was commenced by the Kaiser--although he probably did not know it--in 1914, and now, with most of the world in the strangle, and metal of any and all kinds the most vital necessity in carrying it on, the transformation is complete. Its historian is a statistician of the United States Geological Survey, and his tale is told in a recent pamphlet published by that government bureau, entitled "Secondary Metals in 1916." Secondary metals, it must be explained, are metals once worked up into industrial forms, worn out, thrown on the scrap heap, and reclaimed to another sphere of usefulness--what are commonly known as scrap metals.

The scrap metal trade in the United States, not so long ago, was on the outer fringe of respectability. Only a year before the European war began a certain newspaper reporter, getting wind of a colossal scandal in the sale of various piles of junk from the Panama Canal zone, and inquiring of a man in the trade, received the naive reply that he did not know anything about the story, but it was probably true, as there was only one honest man in the scrap metal trade, and he had retired from business some years before.

The Chief Factor.

That has been changed, however, and despite shortcomings of the theory of "economic determinism," it appears that the chief factor in the rehabilitation of the scrap metal trade has been the increased price of metal of all kinds, which again is a direct consequence of the war. The scrap metal industry in the United States has in a few years grown to immense proportions and there are several influential and prosperous trade journals, such as The American Metal Market, The Daily Metal Reporter, The Waste Trade Journal, The Metal Industry and others, devoted entirely to its interests.

"The public," says the United States Geological Survey writer, "has been educated sufficiently to appreciate the importance of waste. The large manufacturing plants, foundries and smelters have increased their facilities for segregating scrap metals, and also have adopted methods for decreasing melting losses. The use of magnetic separators has been largely extended."

Make New Blocks

Another interesting development of the new efficiency in this industry has been the use of presses for making solid blocks of briquettes of the light metal scrap, shavings and bits of sheet metal left from punching, etc., by which enormous quantities of this metal, formerly thrown away or melted down by very wasteful methods, is saved. As a result of this general improvement, the amount of palladium, platinum and iridium formerly thrown on the national junk heap, recovered in 1916, amounted to about \$4,000,000 and the value of old jewelry, worn out tooth fillings, silver spoons and other gold and silver scrap, fully \$20,000,000 while in both these respects 1917 will

THE CHIEF CHARM OF LOVELY WOMAN

Soft, Clear, Smooth Skin Comes With The Use Of "FRUIT-A-TIVES".



NORAH WATSON
86 Drayton Ave., Toronto.
Nov. 10th, 1915.

A beautiful complexion is a handsome woman's chief glory and the envy of her less fortunate rivals. Yet a soft, clear skin--glowing with health--is only the natural result of pure blood.

"I was troubled for a considerable time with a very unpleasant, disfiguring Rash, which covered my face and for which I used applications and remedies without relief. After using 'Fruit-a-tives' for one week, the rash is completely gone. I am deeply thankful for the relief and in the future, I will not be without 'Fruit-a-tives'."

NORAH WATSON.

50c. a box, 6 for \$2.50, trial size, 25c. At dealers or sent postpaid on receipt of price by Fruit-a-tives Limited, Ottawa.

probably show even greater savings.

These formed only a small part of the total in 1916, however, and the same proportion will, doubtless hold true in this year. As a matter of record the total value of recovered scrap metal of all kinds in the United States, which in 1915 was \$114,304,930--and this was so far ahead of any other year on record that no comparison is possible--in 1916 more than doubled this enormous total, adding to the national wealth \$265,377,356.

Individual figures on various metals give even more striking examples of the economic importance to the nation of the once despised and humble junkman. Thus in 1916 no less than 350,000 tons of copper, most of it contained in brass, once thrown on the scrap heap, was remelted and restored to usefulness and this was some 123,000 tons more than ever before had been recovered, besides being equal to about 37 per cent. of the total amount of copper mined in the United States in the year. Moreover, 96,300 tons of lead--equal to 16.5 per cent. of the total mine production of the country--was recovered from the junk heap; 115,000 tons of zinc, equal to 11.6 per cent. of the amount of mined spelter during the year, and more than 17,000 tons of tin, which was equal to 24 per cent. of the tin consumption of the country. This last item is particularly important, as the United States imports virtually all its tin, and this increased saving is consequently so much clear gain for the whole nation.

MARYSVILLE HAPPENINGS

Marysville, eDec. 24. -- Miss Helen Dunbar arrived here on Saturday from Boston, and will spend Christmas with relatives. She was accompanied by her brother, Mr. F. R. Dunbar, who has been visiting relatives at Boston for the past week.

Miss Mabel McDonald of St. Michael's Academy, Chatham, is spending the Christmas vacation with relatives here.

Dr. and Mrs. G. C. McCoy of Fredericton, paid a visit to friends here yesterday.

Mr. C. A. Pincombe of the customs staff at Connors, is visiting his parents, Major and Mrs. C. C. Pincombe.

Mr. Charles Morgan and son, Ralph, of Douglas, are visiting friends here. The Canadian Cottons, Ltd., have recently completed negotiations for the purchase of the dwelling houses and store property from the Nashwaak Pulp & Paper Company. The store will be closed for the next few days to permit of stock taking.

Mr. and Mrs. J. R. McConnell and daughters, Misses Jennie and Doris, are spending Christmas with Mrs. J. E. Cowan at St. Pohn.

Mr. F. W. Walker of the staff of the Bank of Montreal, Chatham, is spending Christmas with his parents, ex-Coun. and Mrs. J. W. Walker.

REVOLUTIONISTS GIVEN LIBERTY

(Canadian Press direct wire.)

London, Dec. 23. -- A Reuter dispatch from Petrograd says that the members of the Ukraine revolutionary staff have been liberated of the demands of the Ukraine government.

We take this opportunity of thanking the people of Fredericton and vicinity for their generous patronage during this present year and trust that they, one and all may have a

"Merry Xmas"

and a

"Happy and Prosperous New Year"

Wm. R. FRASER & Co.

P. O. Box 817.

430 QUEEN STREET.

Telephone 423



The New Fall

ARROW COLLAR

20c each, 3 for 50c.

FRANCE REGAINS WHEAT LANDS

(Canadian Press direct wire.)

Paris, Dec. 23. -- The 325,000 acres of wheat land retaken from the enemy this year in northern France may be made to produce enough wheat for one million men, according to the estimate by the agricultural department which has been examining the liberated territory.

ELEVATOR DESTROYED

(Canadian Press direct wire.)

Winnipeg, eDec. 23. -- Entailing a loss estimated at \$250,000 the large terminal elevator of the Northern Elevator Company in St. Boniface, containing 80,000 bushels of grain, was completely destroyed by fire Saturday night.

This is the second loss entailed by the company through fire during the present year. The first was that of the large elevator which was situated on Salter street, on March 10, with a loss of \$200,000.

BEING CONSISTENT.

Those whose habit it is to abbreviate Christmas to Xmas should take to heart the lesson of this comment by the Montreal Herald:

"Merry Xmas."
"We will Xen the baby."
"We live in Xendom."
"Xchurch, New Zealand."
"Xiania, Norway."
"Onward Xian Soldiers."

Mrs. Brooks of Montreal, is visiting her brother, Mr. Joseph Dolphin and Mrs. Dolphin.

The cotton mill is closed today to enable the employees to prepare for Christmas.

Mrs. W. J. Kelly acted as organist in the absence of Miss Alice Harrison, who is visiting relatives at Halifax.

Mr. Harrison Eno left Saturday morning for Nappan, N. S., where he will spend Christmas with friends. Miss Helen Henderson left Friday

CASTORIA

For Infants and Children

In Use For Over 30 Years

Always bears the Signature of *Chas. H. Fletcher*

CHALMERS

THE CHALMERS now holds the WORLD'S RECORD for Speed, Power and Stability. Let us book you for your spring delivery in case the price advances. We also carry OVERLAND CARS.

Fredericton Motor Sales Co.
PHONE 352-11 625 QUEEN STREET.

THERE'S A TENDENCY TOWARD The Giving of Useful Presents

It is a sensible gift that lasts a lifetime, and is a credit to the good selection of the giver. We would suggest any of the following:
An UP-TO-DATE BATH ROOM or KITCHEN OUTFIT.
A MODERN TUB or LAVATORY to replace the old one.
A NICE SINK or SET OF WASH TRAYS.
A VACUUM-CLEANING APPARATUS or HIGH-OVEN RANGE.
A WHITE ENAMELLED STEEL MEDICINE CABINET or any other Bath Room or Toilet Accessory.
Make your selections early.

D. J. Shea & Son

Custom Tailoring

THE NEW IMPORTATIONS for the Coming Season are now on display. An early inspection will assure you of a large and varied selection to choose from.

WE ARE ALSO PREPARED to fill all orders entrusted to us for MILITARY CLOTHING at a reasonable price. We are sole agents for the Crown Tailoring Co. of Toronto, the largest Military Tailoring Co. in Canada.

WALKER BROS. MERCHANT TAILORS
QUEEN STREET, WEST END.

to all our Friends and Patrons

A Merry Christmas

J. R. Monteith

evening for Durham where she will spend the holiday.

Mr. George Brogan of St. John, is visiting his former home here.

Mrs. P. G. Long and children are spending Christmas with relatives at Forest Hill.

Mr. Clair Downing is confined to his home with an attack of rheumatism.

Mr. and Mrs. John Stephenson are spending Christmas with their daughter, Mrs. George McAndrews at Milltown.

Miss Edith Staples of Wolfville Academy, Wolfville, N. S., is spending the Christmas vacation with her parents, Mr. and Mrs. E. B. Staples.

Mrs. Milne Christison has returned

from Halifax where she has been engaged in nursing the victims of the catastrophe.

Mrs. William Finnamore is suffering from an attack of appendicitis and it will likely be necessary for her to undergo an operation.

[Mrs. Samuel Arnold has returned from a visit to Edmundston.

Wood's Phosphorine.
The Great English Remedy.
Tones and invigorates the whole nervous system, makes new blood in old veins, cures Nervous Debility, Mental and Brain Torpor, Despondency, Loss of Memory, Palpitation of the Heart, Failing Memory. Price \$1 per box, six for \$5. One will please, six will cure. Sold by all druggists or mailed in plain package on receipt of price. New pamphlet mailed free. THE WOOD MEDICINE CO., TORONTO, ONT. (Friendly Winkler.)

Bright, Clean Knives
are the sure result of using

Old Dutch
because it quickly removes stains, rust, sticky unyielding substances, and restores the original luster.

Old Dutch Cleanser
Chas. Ditt

THE OLD WAY

THE MODERN WAY

MAGIC BAKING POWDER
CONTAINS NO ALUM

The advantage of a good baking powder as a leavening agent instead of cream of tartar and soda is twofold. First, it is scientifically prepared in such a way as to insure satisfactory results. Second, it is much more economical when one considers the high price of cream of tartar.

Magic Baking Powder is guaranteed to be the best and purest baking powder it is possible to produce.

MAGIC BAKING POWDER
CONTAINS NO ALUM

E.W. GILLET COMPANY LIMITED
WINNIPEG TORONTO, CANADA MONTREAL