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An improvement over all Cough, Lung and Bronchial Remedies. Cures Coughs, Strengthens the Lungs, gently moves the Bowels. Pleasant to the taste and good alike for Young and Old.

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An Exterminator That Exterminates.

A Modern Scientific Preparation. A Perfect Insecticide, Germicide and Deodorizer.

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PREPARED AT THE LABORATORY OF  
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SOLD BY E. H. MILLER.

**THE NEED FOR CONTINUANCE IN WELL-DOING.**

Now that the coal strike is upon us, it may be interesting to the people of the United States to know that they spent approximately \$1,500,000,000 last year for fuel for the production of power, light and heat. With the steady increase in the number of our manufacturing industries, our need for fuel is not likely to diminish as the years go by, nor is it probable that our annual expenditure for the material with which to produce power, light and heat will become less. In view of our accumulating needs and the growing difficulty we may have in meeting them, the statements recently made by Government experts and referred to the Senate Committee on the Geological Survey are such as may well make every patriot pause.

These statements are to the effect that the losses in the utilization of fuel for the development of power, light and heat under existing conditions are so great that in a ton of coal consumed in an ordinary manufacturing plant less than 5 per cent. of the total energy is available for the actual work of manufacturing; that in an ordinary locomotive only from 3 to 5 per cent. of the fuel energy is obtained for pulling the train; that in our houses ordinarily not more than one-seventh of 1 per cent. of the fuel energy is actually transformed into electric light; that gases from the blast furnaces of the country are now lost in the atmosphere that would yield continuously, if properly utilized, more than 2,500,000 horsepower; and that by-products might be saved from the 40,000,000 tons of coal which we now convert into coke that would have an aggregate yearly value much greater than that of the coke itself. These by-products would include ammonium sulphate sufficient to fertilize our farms, creosote for the preservation of our timber, and pitch enough for briquetting our slack coals, roofing our houses, and repairing some of our roads.

How appalling that such waste should continue after we know that it exists! Unfortunately, it is not always clear even to those who best understand the nature and uses of coal how such economies may be effected. No methods, for instance, are known by which more than one-sixth of the nitrogen in coal can be saved in the manufacture of coke. There is no subject touching the welfare of the human race on which research is more needed than economy in the use of fuel.

The results of the fuel investigations conducted at St. Louis during the Louisiana Purchase Exposition by members of the United States Geological Survey are so encouraging to both producers and consumers of coal that the nation may well take to heart the continuance of those investigations. Persons desirous of knowing more about this work should apply to the Director of the United States Geological Survey for Professional Paper No. 48. In comparison with the immense sum annually expended for fuels, the amount of money necessary to carry on this work for several years seems a mere trifle, especially when the magnitude of the interests involved is considered. The recommendation of the Director of the United States Geological Survey that the sum of \$250,000 be appropriated by Congress for the investigation of the coals, lignites, and other fuel substances of the United States during the fiscal year ending June 30, 1907, should therefore meet with the enthusiastic approval of the whole people, since it is a matter that concerns every citizen.

It should not be forgotten that work of this kind is necessarily expensive. It must be done with the greatest possible care and on a scale sufficiently large to command public attention. Every test must be extended over a period of from 3 to 6 days, and many of them over a longer period, during which time it is necessary to employ 2 or 3 shifts of men so that the work may be constantly under supervision. Not only must the experts in charge of the work be men of the highest training and experience, but even the ordinary workmen must be selected with care and must be given such compensation as will make them willing to render proper service. Finally, the equipment must not only be the best obtainable, but it must be kept accurately adjusted and must be in duplicate, so that there need be no delays in case of accident to any part of the machinery.

By the close of the present fiscal year the Survey will have completed a series of general comparative fuel tests of coals from many of the beds already developed in the more important fields. It happens, however, that even during the progress of this work, new beds have been opened up in the older mining States, such as West Virginia, Pennsylvania, Ohio, Indiana and Illinois, as well as in Alabama, Iowa and the Western States, in which the coal or lignite, is quite unlike that tested from the higher or lower beds. If Congress decides to appropriate money for the continuance of the investigation, the fuel in these new beds will be tested, and an attempt will also be made to solve many problems connected with the deposits in the old beds which, for lack of time and money, have not yet been seriously considered. Certain typical coals and lignites will

be selected from each of the larger fields and thoroughly studied as to the conditions under which they may be used to the best advantage. The efficiency of the coals will thus be increased and the regions they represent will be benefited. A detailed investigation of this character is indeed absolutely necessary before many of the valuable results already obtained can be made available for general practice.

**REAL ESTATE TRANSFERS.**

- Wm. H. Walker to Chas. H. Trimpey, in Stonycreek, \$10,082.
- Joseph Kreger to Samuel Robinson, in Lower Turkeyfoot, \$200.
- Isaac Rishel to Minnie M. Bowman, in Milford, \$7000.
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- Charles E. Weller to Wm. W. Young, in Somerset Twp., \$75.
- Albert M. Heehler to Edward Hoover, in Somerset Twp., \$1500.
- Frederick Pile to D. B. Zimmerman, in Somerset Twp., \$2402.
- Luke Kane to J. C. McSpadden, in Rockwood, \$400.
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- Harvey Fike to Abraham Kinsinger, in Summit, \$1787.
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- Jacob S. Barkman to Walter C. Beck, in Milford, \$4800.
- Joel Gnasy to Conrad Herwig, in Summit, \$6000.
- John H. Seibert to Wm. Bowman, in Somerset Twp., \$800.
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- Valentine Hay to C. A. Weisel, in Milford, \$90.
- Amelia A. Hay to Leonard B. Miller, in Conemaugh, \$6000.
- Ira V. Rush to Geneva King, in Confluence, \$500.
- John S. Rhoads to Mary A. Barndt, in Quemahoning, \$1050.
- Joseph S. Miller to Wm. H. Martz, in Summit, \$9000.
- Wm. Berkey to Jeremiah Berkey, in Quemahoning, \$4471.
- Wesley E. Trostle to D. B. Zimmerman, in Quemahoning, \$7850.
- Jeremiah Berkey to same, in Quemahoning, \$11,228.
- John Gindlesperger to Quemahoning Coal Co., \$250.
- John H. Brunner to Moses Bisel, in Jefferson, \$1000.
- Bena Hoffman to Elmer Ream, in Paint Twp., \$250.
- Wilmore Coal Co. to C. W. Wagner, in Windber, \$2765.
- George Cabaugh to Nancy Smith, in Quemahoning, \$400.
- Ella F. S. Zufall to Edna Fisher, in Confluence, \$800.
- Ada Lape et al. to J. M. Griffith, in Jenner, \$1800.
- Jerome Stuft to James B. W. Stuft, in Quemahoning, \$7000.
- Jerome Stuft to Daniel G. Stuft, in Quemahoning, \$9000.
- Israel Berkley to Samuel S. Berkley, in Somerset Twp., \$1000.
- Emily Traft to Frank Shaulis, in Somerset Twp., \$300.
- Wm. J. Baer to S. Lenhart, in Somerset Twp., \$275.
- Josephine Daugherty to C. U. & W. R. Co., in Larimer, \$200.
- John M. Wright to Charles B. Dickey, in Elk Lick, \$18,000.
- Jerome Fyock to Margaret Custer, in Paint Bor., \$2200.
- Catharine Walker to Elizabeth Cook, in Meyersdale, \$700.
- Isaiah Heinbaugh to Levi Heinbaugh, in Upper Turkeyfoot, \$100.

**No Longer in the Buckwheat Class.**

Somerset county is no longer in the granger class. The Frosty Sons of Thunder have become coal barons and industrial magnates. Railroads and trolley lines, telegraphs and telephones, coal mines and coke works with their attendant features, including strikes and riots, water and electric lighting companies, sanitariums and summer resorts, lumber mills and tanneries, brick manufacturing and stone quarries, dot the land once given over to buckwheat and maple sugar. In the march of development and progress, Somerset county maintains a place at the front, and in politics she is as strenuous as ever.—Connellsville Courier.

Yes, we are no longer confined to the buckwheat class, but yet good old Somerset county is as famous for buckwheat and maple sugar as ever. The finest buckwheat cakes in the world are baked in the families of the Frosty Sons of Thunder, and for high grade and unadulterated maple sugar and syrup, we have all the rest of the world, even including Vermont, skinned to a finish.

Another thing good old Somerset county leads the world in is good old country cured ham. The man who has not yet tasted the heavenly hams cured by the farmers of Somerset county, Pa., has yet to learn what the best ham in the world tastes like.

You may talk about your jellies, your pastries and your jam, you may boast about the oyster and the clam. We know they're all good eatin'—yes, so is beef and lamb; but all the same they lack the fame of Somerset county ham.

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These are only a few of the many bargains. Come while the opportunity lasts, inspect the goods and save money. The cut-price sale is now on, and will last until all goods are sold.

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