

YALE PROFESSOR GIVES POINTERS ON BURNING WOOD

Lockwood Tells Household-ers How Fuel Can be Used Economically.

CARE OF FURNACE FIRES EXPLAINED

Sprinkling of Any Kind of Coal on Wood Fire Will Keep Efficiency.

Hartford, Feb. 11.—Economic and efficient methods of burning wood in a coal furnace are described in a brief series of directions which have been prepared by E. H. Lockwood, professor of mechanical engineering at Yale University, for the committee of fuel conservation, Connecticut State Council of Defense.

Professor Lockwood's "Directions for using wood in coal furnaces" follow:

The simplest way to use wood in a coal furnace and the most effective in producing heat is by using a combination of wood and coal. Any kind of wood can be used that will go into the fire pot—hard or soft, large or small—and will burn with good efficiency when surrounded with coal. Instead of shoveling on coal in the usual way, place blocks of wood on the fire to about the level of the first door, then add coal on the top which will fill the crevices between the wood, making a level fuel bed with the coal on top. Any size of coal or coke can be used, but the small sizes fill in the best between the chinks in the wood. Buckwheat coal can be burned successfully in this way and its low price will help to offset the higher price of wood, making an economical combination. From 25 to 50 per cent of the coal can be saved by substitution of wood in this way.

Caution—When burning the small sizes of coal take care to avoid gas explosions by always leaving a flame burning on some part of the fire—in other words, do not cover the whole fire with fresh fuel at one time.

To Use Wood Only.

The best form of wood is short sticks eight to 12 inches long, preferably hard wood. The best method of firing is to keep the furnace full of blocks packed closely together with moderate draft to give the desired amount of heat; as the wood burns more should be added in order to keep the deep bed of burning fuel which is best for economy. It is not necessary to buy new grates for burning wood although the ordinary coal grate is not well adapted for wood. Banking a wood fire at night requires an extra supply of the largest blocks and special attention to closing the dampers tight. Experience will show the best way, but it can be done with success in most furnaces.

Wood in Fireplace.

Where a fireplace is available, wood can be used to good advantage as supplementary to a furnace or even to replace the furnace in fall and spring with decided economy. Few persons know that a wood fire can be kept burning night and day in a fireplace with very little attention and with small consumption of wood. Any kind of wood can be used provided it is dry and seasoned. The secret of fireplace management is a plentiful supply of wood which should be kept at the level of the andirons. As the blocks burn an accumulation of glowing charcoal forms by falling into the ashes and this keeps on burning slowly and assists ignition of fresh wood placed on the andirons. To bank a fire in the fireplace, cover the hot charcoal over with a thin layer of ashes and a fire so banked will keep for 10 or 12 hours and will give out some heat from the hot bricks all the time. A well managed fireplace will be found a great addition to the heating system in any residence.

BRITISH GET RECRUITS

Ten men were recruited for service with the British and Canadian forces at the rally held last evening at the high school assembly hall. A large audience was present and listened to the address of Lieut. H. B. Pepler.

WILL INCREASE CAPITAL

Capital stock of the Raybestos Co. of this city will be increased from \$1,750,000 to \$2,000,000, according to a certificate filed yesterday in the office of the secretary of the state at Hartford. Extension of the business of the company will absorb the new capital.

To Stop a Persistent, Hacking Cough

The best remedy is one you can easily make at home. Cheap, but very effective.

Thousands of people normally healthy in every other respect, are annoyed with a persistent hacking-on bronchial cough year after year, disturbing their sleep and making life disagreeable. It's needless—there's an old home-made remedy that will end such a cough easily and quickly.

Get from any druggist "2½ ounces of Pine" (60 cents worth), pour it into a pint bottle and fill the bottle with plain granulated sugar syrup. Begin taking it at once. After you have taken it you will notice the phlegm thin out and then disappear altogether, thus ending a cough that you never thought would end. It also promptly loosens a dry or tight cough, stops the troublesome throat tickle, soothes the irritated membranes that line the throat and bronchial tubes, and relief comes almost immediately. A day's use will usually break up an ordinary throat or chest cold, and for bronchitis, croup, whooping cough and bronchial asthma, there is nothing better. It tastes pleasant and keeps perfectly.

Pine is a most valuable concentrated compound of genuine Norway pine extract, and is used by millions of people every year for throat and chest colds with splendid results. To avoid disappointment, ask your druggist for "2½ ounces of Pine" with full directions and don't accept anything else. A guarantee of absolute satisfaction or money promptly refunded goes with this preparation. The Pine Co., New York, Ind.

HUNS REALIZING AMERICA'S PART IN WAR IS VAST

Unrest is Sweeping German Empire, Noted Writer Says—People Have Lost Faith in Reported "Victories" and Foresee Grave Results of Frightfulness.

BY VAN DER KLUTE

The Hague, Feb. 12.—Whatever hidden strategy may underlie this appearance of a great national dispute, it is impossible to deny that the German masses are perceptibly nearer the breaking point than they have ever been before.

The signs of bitter discontent are more open than at any time during the course of the war; and the causes are more pressing and more varied.

Never has the general ill-health of the civilian population been more apparent than now, just as the period of extreme scarcity is opening afresh for the winter.

Substitute goods, and substitute clothing have undermined the stoutest constitutions, and now Germany wakes to the realization of the fact that no substitute can be provided for fuel, to warm and light the war-weary workers through the bitterest winter they have experienced for a quarter of a century.

Victories no longer arouse any genuine enthusiasm among these people, who have celebrated too many vaunted successes in the field, only to find themselves more destitute and hopeless as a consequence.

The promised offensive in the West is the cause of nothing but apprehension, the relatives of the soldiers openly prophesying another "blood-bath of Verdun."

Faith in the submarine campaign has given way to loudly expressed fears of the ultimate consequences of frightfulness at sea upon Germany's economic relations with the outside world.

More important still, the German public has at last realized that the entry of America into the war is no mere bluff, as they have so often been assured.

The fact that millions of American soldiers will be poured into the war zone before the summer has reached its prime is generally recognized, and misgivings have turned to a profound pessimism.

Wave of Crime. Self-restraint and respect for the law have given way under the strain, and crimes against property have increased abnormally. Many young women have figured in the courts charged with forgery, embezzlement, and similar offences, and all seem to advance the same plea.

Money will still buy necessities and luxuries in Germany, though the prices are infinitely high, but the thieves all declare they stole to buy food for themselves and dependents.

One girl who had paid \$75 for a ham and \$40.00 for a goose, to furnish a dinner with other accessories at proportionate prices was sentenced to twelve months' imprisonment. Her case was so common that it escaped comment in the German press.

Political Chaos. The downfall of Hertling and Kuhlmann, like that of Bethmann-Hollweg, represents the failure of the Kaiser's attempts to adjust this popular discontent and demoralization to the aims and objects of the War party.

The fall of Michaelis represented the failure of an attempt to ignore the collapse of the fighting spirit in civilian Germany.

All the portents point to another attempt to ignore the spirit of the people, and the insistent cry of Germany's Allies for peace. But popular feeling flows much more strongly than at the time of the last reaction, and the experiment may prove a hazardous one.

The Crown Prince returned to Berlin the other day to accomplish the fall of Hertling, the Chancellor, just as he had previously acted as the open instrument in the down fall of Bethmann-Hollweg. The great crisis of the war finds Germany in the throes of a political convulsion.

With Hertling, it is extremely likely that Kuhlmann will also be cast from office, and that the old breach between the German and the Austrian Emperor will be re-opened. The reconstruction of the Ministry has again been brought about by the military party, backed by the whole strength of pan-Germanism, and the money power of the great munition kings.

Wily Bolshevik. Hertling, no less than Kuhlmann, allowed himself to be misled by the apparent simplicity of Trotsky and his Bolshevik conditors, and the pair found themselves in a cleft-stick.

On the one side the German Socialists called upon the two Ministers to live up to their professions; on the other side Kuhlmann's military colleagues called for peace, table insisted on the prosecution of Germany's military aims.

Encouraged by Austria, and especially Count Czernin, Kuhlmann persevered in his scheme for extending the Russian negotiations to the consideration of a general European peace.

Ludendorff, following the example of General Stein, the Prussian War Minister in the Bethmann crisis; threatened his resignation, and brought Baron von Kuhlmann up with a round turn.

Nation's Dismay. It has been impossible to conceal from the German people the grave danger of the peace negotiations with Russia proving futile. No attempt has yet been made to describe the dismay of the masses at the alternative—a continuation of war on all sides.

The hopes aroused were more sanguine than those excited by the Kaiser's peace "offer" of a year before. In that case the enemy countries were saddled with the odium due for the continuation of the war, but for the almost inevitable breach with Russia the masses openly blame the War Party.

A great popular outcry was only repressed by wholesale arrests of local Socialist leaders, with whom the prisons of the big cities and industrial centres are crowded. These measures, as usual, were accompanied by a cer-

CARDINAL LOGUE WARNS AGAINST IRISH PLOTTERS

Sure to End in Disaster, Defeat and Collapse, He Declares.

BY MICHAEL CARDINAL LOGUE

The misery and suffering which this lamentable war entails not only on belligerents, but on neutral countries, has given rise to a widespread and earnest longing for peace. Yet, as far as human action is concerned and human judgment can forecast, there is little hope of peace in the near future.

The ruinous conflict still goes on, with the sacrifice of young lives by tens of thousands, a waste of treasure which will cripple the countries engaged for generations, an ever-growing accumulation of present and future evil consequences, and all this with very little tangible result. The pendulum keeps swinging from side to side, with no decided leaning to either.

Moved by this unavailing sacrifice of human life and the sufferings of multitudes so dear to his paternal heart, the Sovereign Pontiff made a disinterested and authoritative appeal, such as his neutrality and position justified, to the belligerent powers.

This appeal, where not misrepresented or coldly received, has hitherto had no practical effect.

Some, at least, who have treated it with scant courtesy, have since been given reason to reconsider their view of its importance for their own best interests.

Since, therefore, the pride, jealousies, ambitions, and conflicting interests of men leave little grounds to hope for an early peace, it is meet that we should have recourse to Almighty God, in whose hands are the destinies of men, and who can direct their ways and inspire their counsels.

Appeal to the Almighty. We must endeavor, by purifying our motives and desires, to render ourselves more worthy of His favor. Then we may hope, by fervent, persevering prayer to move His mercy and obtain the blessing, which we so sadly need, of a just and lasting peace.

Now is it for the general peace of the world only that we should sue. We have troubles and unrest and excitement and dangers here at home, which render domestic peace necessary. Whether it be due to the demoralization which this world war has brought to almost every country, or to the fate which seems to hang over our own unhappy country, blasting her hopes when they seem to brighten, an agitation has sprung up and is spreading among our people which, ill-considered and Utopian cannot fail, if persevered in, to entail present suffering, disorganization, and danger, and is sure to end in future disaster defeat and collapse.

His Warning Against Sinn Feinism

And all this in pursuit of a dream which no man in his sober senses can hope to see realized; the establishment of an Irish republic, either by an appeal to the potentates of Europe seated at a Peace Conference or an appeal to force by hurling an unarmed people against an empire which has five millions of men under arms, furnished with the most terrible engines of destruction which human ingenuity could devise. The thing would be ludicrous if it were not so mischievous and fraught with such danger, when cleverly used as an incentive to fire the imagination of an ardent, generous, patriotic people.

Peace Essential Everywhere

We have, therefore, need of peace. Peace among the warring nations which will bring relief to so many suffering peoples; peace at home, which will enable us to unite quietly, prudently, and perseveringly, in consulting for the best interests of our common country. If men by their designs, their conflicting interests, their mistaken views, stand in the way of this blessing of peace, we should have recourse to the Prince of Peace, beseeching Him, through the intercession of His Blessed Mother, to grant us both general and domestic peace; above all to grant us that peace which surpasseth all understandings, peace with God, peace with ourselves, and peace with our neighbor. (By The International News Bureau, Inc., Boston, Mass.)

ASK LIBRARIES TO HELP STATE W. S. S. SALES

Hartford, Feb. 12.—The libraries of Connecticut have been called upon by Howell Savings, state director of the War Savings campaign, to aid in putting before the public the message of the nation-wide thrift movement, so that every person in Connecticut may realize how important it is that he should loan his dollars and their ability to buy goods and services to his government for war purposes through the instrumentality of the Thrift and War Savings stamps.

The state director has sent leaflets and posters to all libraries with the suggestion that they be placed on a War Savings bulletin board in the libraries. Each librarian has been asked to post the names of the local War Savings committee members, and that so far as possible the names of war savings societies and their members be posted. It is also suggested that a shelf of leaflets and books on this campaign be made easily accessible to library patrons, and that libraries and their employees constitute themselves a bureau of information upon Thrift and War Savings subjects. It is also suggested that newspaper clippings on this campaign be posted, and that special articles on the subject in current magazines be listed and posted.

MACHINISTS IN NEW QUARTERS

The new rooms of the International Association of Machinists at 1087 Broad street will be in readiness this evening. The headquarters were moved yesterday from Cannon street to the new location.

LET YOUR VALENTINE BE FLOWERS.

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WILLIAM R. ROCKEFELLER, JR., AND THE GIRL HE HAS MARRIED



William R. Rockefeller, Jr., grandnephew of John D. Rockefeller, and Florence, daughter of Mr. and Mrs. Frederick W. Lincoln of New York, who were married on February 9. Mr. Rockefeller is shown carrying gasoline cans at the aerial coast patrol station at Huntington, L. I., where he was a student of aviation.

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Two forty-five
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The Glycerophosphate, of which Recuperta's are composed, contain the element necessary to overcome these conditions. They are now being prescribed and recommended by many physicians in this and foreign countries as the best, quickest and surest nerve and blood tonic that they know of.

Recuperta's are for sale at all drug stores at 50c and \$1.00 per package or will be sent direct upon receipt of price.

Curtis Chemical Co., No. 414 West 23rd St., New York. Distributed in Bridgeport and vicinity by J. D. Hartigan, No. 81 Fairfield Avenue.—Adv. R 17*

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Department of Justice agents and the United States district attorney at New York will be present at the proposed peace convention in New York, Feb. 16.

A German critic on the submarine campaign of Germany blames Von Tirpitz for their failure by not having enough submarines built when the campaign started.