

## Value and Uses of Coal Explained in Fine Lecture

John E. Williams, Well-Known Mining Expert of Scranton, Spoke in Toronto of Wonderful Deposits Owned by Lackawanna Coal Company.

A more comprehensive idea of the value and uses of coal as a source of energy is being given the public of the United States and Canada by a series of illustrated lectures given on the subject by lecturers under the auspices of the Lackawanna Coal & Lumber Co., which owns and controls mines with capacity aggregating nearly a hundred million tons of coal.

The first of these lectures given in Canada was delivered before a good-sized audience at the Temple Theatre last night by John E. Williams, a well-known mining expert of Scranton, Pa. In connection with the lecture, a well-known mining expert of Scranton, Pa. In connection with the lecture, a well-known mining expert of Scranton, Pa. In connection with the lecture, a well-known mining expert of Scranton, Pa.

At the north end of the line a bronze monument was placed just out of reach of the highest waves and smaller monuments were set every three miles along the line. Geologists accompanied the expedition and made a complete survey.

Of No. 10. Moisture, or water, in coal is of no value. Part of the heat of combustion is consumed in vaporizing it, causing the loss of energy. The less of it the better.

Fixed carbon is the solid combustible matter of coal, which on account of its lasting and heat-radiating qualities is not so readily consumed as volatile matter. Ash is the non-combustible foreign matter of the coal; it is all waste, and besides making the coal clinkers and prevent free combustion.

Objectable Element. Sulphur is always an objectionable element in coal. As it is accompanied with iron, it is likely to form clinkers with the ash in the blast furnace. It combines with the iron, making it brittle. In gas, and in coke, it is in many ways detrimental.

It was pointed out that bituminous coal is not so good for use as anthracite is adapted, and besides, various products are derived from the coal. As a result, coal is now coming to be looked upon as one of most profitable and safe investments that can be made.

For Hundreds of Years. The coal and gas fields connected with the mines owned and operated by the Lackawanna Coal & Lumber Co. caused surprise. It was shown that for a hundred years to come the coal from these mines could be mined at the rate of nearly ten million tons per annum above water level by the most expensive methods at the quantities at greater depths will still be left untouched for future generations to develop.

Extensive mining property has been purchased by the Lackawanna Coal & Lumber Co. for two-thirds of one cent a ton mineable coal, approximately 100,000 acres, and the coal lands under conditions that prevail upon this property, to say nothing of the timber.

MRS. SZABO NOT DROWNED  
Death of Burton Gibson's Client Due to Other Causes.  
NEW YORK, Sept. 10.—(Can. Press.)—That Mrs. Rosa Menschik Szabo, who was believed to have been drowned while boating with her attorney and subsequent executor, Burton W. Gibson, on Greenwood Lake, Orange County, N.Y., came to her death from other causes, was indicated to the authorities today after an autopsy on the woman's body.

Dr. Geo. W. King of Hudson County, N.J., who performed the autopsy at Jersey City, assisted by Dr. Otto H. Schultze of Cornell University, would give tonight a detailed statement, but he declared that the vital organs had been turned over to Dr. Schultze for microscopic and chemical analysis. A report will be made at an inquest to be held Sept. 13.

TAFT MEN DISLOYAL?  
NEW YORK, Sept. 10.—(Can. Press.)—A meeting of the Republican National Committee to consider charges of disloyalty to the Taft cause which have been made against certain members, has been called for Wednesday, Sept. 11, in this city. Chairman Hill, who issued the call, said:

I have called the meeting for the purpose of taking up charges, which have been made against several members of the committee, who are alleged to be disloyal to Republican principles embodied in the Chicago platform and to the Republican national ticket.

Mr. Hill declined to give the names of the national committee men who have been charged with disloyalty.

Entitled here to this \$5.00 Illustrated Bible. If presented at the office of this newspaper, together with the stated amount which covers the necessary EXPENSE items of this great distribution—including clerical, printing, and postage, express from factory, etc., etc.

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Also an Edition for Catholics. Through an exclusive arrangement, we have been most fortunate in securing the Catholic Bible, Douay Version, endorsed by Cardinal Gibbons and Archbishop (now Cardinal) Foley, as well as by various Archbishops of the country. The illustrations consist of the full-page plates and maps approved by the same Bishops as the Protestant Bible. This is the same Bibles as the Protestant Bible. This is the same Bibles as the Protestant Bible. This is the same Bibles as the Protestant Bible.

Any Book by Mail, 23 Cents Extra for Postage.

## "IMPOSSIBLE TO HELP MY KIDNEYS"

Until I Used "Fruit-a-tives"

World's Greatest Kidney Cure.

Practically everybody in Toronto knows Prof. J. P. Davis. For years the elite of that city has taken lessons from Prof. Davis in the art of dancing and deportment.

His constant activity gradually weakened his kidneys, which calamity threatened to make him an invalid.

But read Prof. Davis' letter:

"543 Church St., Toronto, Ont., Dec. 29, 1911. 'Dear Sir, I want to say that 'Fruit-a-tives' is my only medicine, and has been for the past five years. Previous to that, I had been troubled with rheumatism and kidney disease, and had taken many remedies without satisfactory results. Noticing the advertisements of 'Fruit-a-tives,' I adopted this treatment altogether, and, as everybody knows, I am now and have been since taking 'Fruit-a-tives'—enjoying the best of health. 'J. P. DAVIS.'"

"If rheumatism or kidney trouble is making you miserable, take 'Fruit-a-tives' and get well. 50c a box, 6 for \$2.50, trial size 25c. At all dealers, or sent on receipt of price by Fruit-a-tives Limited, Ottawa.

Shackleton's Handicap Worth at Odds-on Third

HAVRE DE GRACE, Md., Sept. 10.—Today's races resulted as follows:

FIRST RACE—Two-year-olds, selling, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

SECOND RACE—Three-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

THIRD RACE—Three-year-olds and up, selling, 1 mile and 70 yards. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

FOURTH RACE—Three-year-olds and up, selling, 1 mile and 70 yards. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

FIFTH RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

SIXTH RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

SEVENTH RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

EIGHTH RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

NINTH RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

TENTH RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

ELEVENTH RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Twelfth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Thirteenth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Fourteenth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Fifteenth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Sixteenth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Seventeenth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Eighteenth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Nineteenth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Twentieth RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Twenty-first RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Twenty-second RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

Twenty-third RACE—Maiden 2-year-olds, 5 furlongs. 1. Ringling, 108 (Turner), 1 to 5, 5 to 1 to 3.

## Massey Music Hall

ONE NIGHT ONLY

Wednesday, Sept. 11

BAND OF HIS MAJESTY'S SCOTS GUARDS

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