

TWO KINDS OF LEAD FOUND BY SAVANT

That From Radium Minerals Lighter Than Other Variety, Harvard Scientist Discovers

FIX 40 ATOMIC WEIGHTS

Cambridge, Mass., Nov. 7.—The atomic weights of nearly forty of the ninety or more chemical elements out of which everything is made have been built have been definitely determined by Harvard chemists in the course of investigations begun thirty-five years ago and extending up to the present time.

Attention was called to that prolonged research yesterday by the announcement that largely on account of his work in that field Prof. Theodore W. Richards, Nobel prize winner in 1914 and director of the Wollast Gibbs Memorial Laboratory at Harvard, had been appointed a member of the International Committee of Scientists on Elements, while Prof. Gregory P. Baxter, formerly a pupil of Prof. Richards and now an independent investigator at Harvard, has been chosen for the International Committee on Atomic Weights.

The most important single result of the Harvard study of atomic weights is said to be the discovery, first proved definitely some years ago by Prof. Richards and still holding good through recent careful tests, that there exist at least two kinds of lead. It was found that lead from radium minerals, while it possesses properties exactly similar to those of ordinary lead, has a distinctly smaller atomic weight, 206.1 as against 207.2.

The Harvard research is said to have thrown new light on the perplexing problem of the nature of matter, while data obtained are being used daily by thousands of chemists throughout the world.

The atomic weights of the elements are described as the relative weights in which those elements combine with each other to form the countless substances of which the universe is constructed. Those weights have usually been found to be amazingly constant. Silver from all parts of the world and from many different ores has always the same atomic weight. Copper from Europe is identical in that respect with that mined in the spaces far beyond the earth's orbit.

Prof. Baxter's work long since proved that iron and nickel which fall from the sky in meteorites coming from the spaces far beyond the earth's orbit have exactly the same weights as iron and nickel from the earth, a fact which is indicating in one respect, at least, the unity of the universe.

WILSON COLLEGE AFIRE

Science Hall Damaged \$10,000; 400 Girls Marshaled in Drill

Chambersburg, Pa., Nov. 7.—Fire yesterday virtually destroyed Science Hall of Wilson College. The flames were first seen in the basement and a general alarm was sounded. The girls were marshaled in fire drill, but the blaze was confined to that one detached building. The fire swept upward between the walls and despite hard work by the firemen consumed most of the interior and burned the roof.

CHAMBER MUSIC SOCIETY OPENS FIFTH SEASON

First Concert Given Successfully by the London String Quartet

The first meeting of the Chamber Music Association was held yesterday afternoon at the Bellevue-Stratford with an attendance which nearly filled the ballroom to capacity. The program was furnished by the London String Quartet, it being its first appearance in this city.

The quartet consists of James Levey, first violin; Thomas W. Petre, second violin; H. W. Warner, viola, and C. W. Warwick-Fenns, cello. They played the Mozart D minor quartet and the Debussy in G minor, as well as a Londonberry "Air" by Frank Bridge and a folk-song Fantasy by Mr. Warner, the viola player of the quartet.

The London Quartet is unquestionably one of the finest chamber music organizations which has yet visited Philadelphia. Not only has ensemble reached its highest perfection in their playing, but they have the traditions of the classics as shown in the really wonderful interpretation of the Mozart quartet which they gave, as well as a fine feeling for the best that is in the moderns, as revealed by the entirely different manner in which they played Debussy. It is seldom indeed that a string quartet has made as great an impression in two works so essentially different as the London Quartet made yesterday in the clear-cut, cameo-like beauty of Mozart and the atmospheric, impressionistic music of Debussy.

The quartet has a perfect, tonal balance and the members give the impression of being absolute equals as performers, a thing which does not often happen in a string quartet, but which makes for the perfect equality of parts and performance which is the essential of the string quartet. The members are all fine instrumentalists and no one of them is conspicuously better than the others.

The highest point of performance

French Drawing Section Hand Wanted Write 90 Boxford St., Lawrence, Mass.

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Sunray after shaving prevents that irritation Beautifies and Heals

If your dealer does not carry Sunray, send us 10 cents for sample bottle

SUNRAY COMPANY, Inc. 410 North 20th St., Philadelphia

VOTE ON COUNTY HOSPITAL

Delaware County to Pass on Question at Polls Tomorrow

The citizens of Delaware County will have a chance tomorrow to vote on the question of a tuberculosis hospital in the county. Many reasons have been distributed as to why such a hospital

What is "A Blessing on Your Head"?

ED. PINAUD'S HAIR TONIC of course!

is necessary in the county, one being that there are 2500 active cases in the county which need attention at once.



A Fashionable Flexible Bracelet

Made entirely of platinum; nine links contain diamonds, the others beautifully engraved—\$325.

Our stock offers many pretty patterns. Some made of gold with platinum fronts, others entirely of platinum. Prices are moderate.

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Dougherty's Faultless Bedding Hair Mattresses Box Springs Bedsteads 1632 Chestnut Street

ADVERTISMENT ADVERTISMENT



Seen in the Chestnut St. Shops

When any one asks me where to take an article of clothing to be dyed or cleaned, I always recommend Barg Brothers, 1113 Chestnut Street, as I have found the work done by this firm to be most efficient and satisfactory.

Delora's Squan

IT IS surprising, sometimes, what can be done with last year's wardrobe. A coat which was faded may be dyed; a dress or suit may be cleaned, and with a little care and thought you save appreciably. If you will take an article of clothing to Barg's, 1113 Chestnut Street, they will give you expert advice as to the best ways of renovating it—whether the article in question would look better cleaned or dyed, and if dyed, what color would give the most satisfactory result. Often your garment, when returned, will look as fresh and attractive as new. This season, when ostrich feathers are in vogue again, you will be pleased to know that Barg's have had great success in cleaning them. But they do not confine themselves to clothing; they also make a specialty of cleaning rugs, draperies, blankets and other household furnishings.

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is probably the most widely known Electric Cleaner on the market because it has proved thoroughly efficient to people who have used it. Not only is cleaning easier and quicker, done with a Hoover than by old-fashioned methods, but you know that your house is clean, not surface clean but clean from the foundations. By a special beating process the dirt is beaten out of your rugs and the grit which causes them to wear out is dislodged. Then, too, the various attachments for cleaning draperies, furniture, mattresses, etc., are most useful and convenient. You will find them for sale at the house-furnishing Store of J. Frank Miller, 1612 Chestnut Street. This is, however, only one of the almost necessary modern devices which you will find at this up-to-date store.

FURS for Christmas

—it is a way to please any woman; and it pays to buy them early and from a reputable furrier, where you are assured of the best quality. Such a shop is that of J. Habersreiter, 1911 Chestnut Street. Their scarfs, coats and wraps, I am sure, are unsurpassed. The beautiful brown Russian Sables, remarkably soft and silky Silver Foxes and the attractive Baum Martens and Stone Martens, which are less expensive, are made into lovely scarfs of becoming and modish styles. Then I saw several very wonderful coats of Mole skin, which probably being made into wraps of graceful line; while I was surprised at the reasonable price of the real Alaskan Seal wraps. But for the young girl the macramé coats are always good looking and practical.

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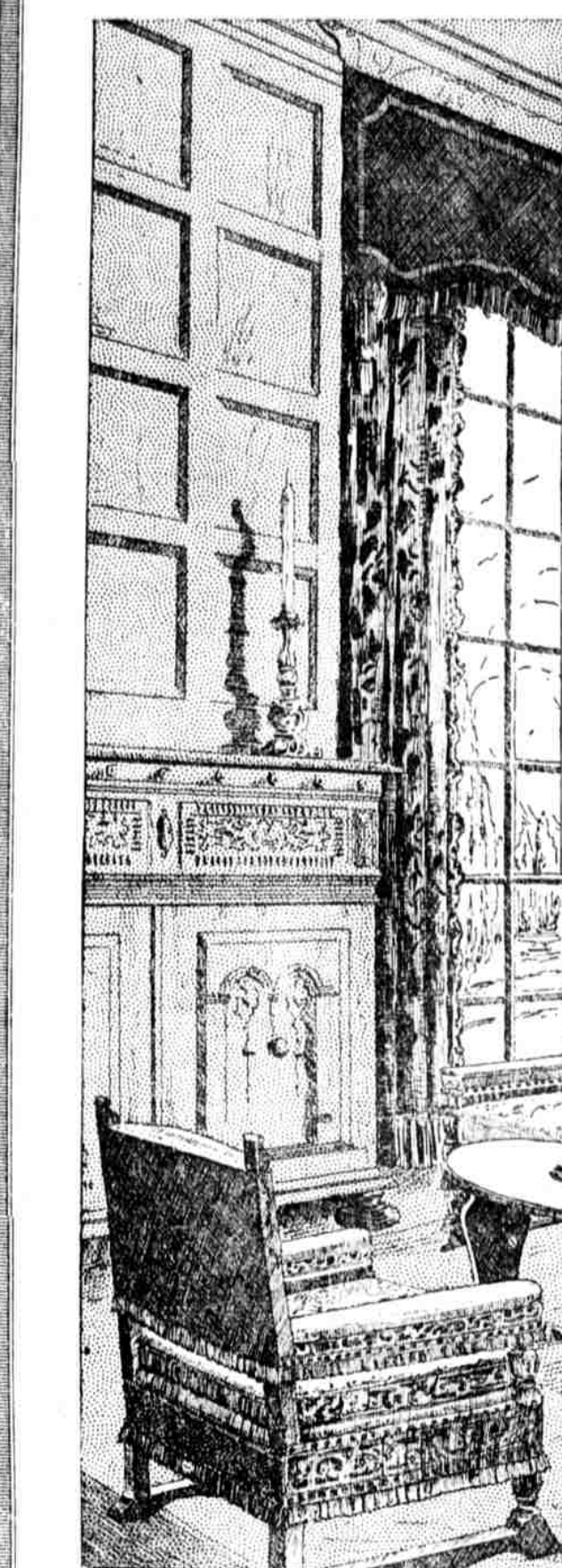
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Van Sciver The Hopes of Years Realized in These Furniture Values



Long-looked-for opportunities that are bountiful in great savings. The last word in the new economies that prevail today in the manufacturing and merchandising world.

It is not alone that Furniture manufacturing costs have been cut, and that we are buying and making more Furniture than ever in our history, every Suite and Piece of which represents great savings. It is also because we entered the market at the most opportune time in a half dozen years. Just after the immense stocks on our sales-floors and in our warehouses had been depleted in midsummer. Just when manufacturers were cutting prices right and left to get business, and when production costs generally had reached their lowest ebb since war time.

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- Savings of 40 to 50 per cent, comparing today's retail prices with the prices prevailing a year ago. A wonderful assortment of high-grade Rugs and Carpets, in all the wanted weaves, designs and colorings. Incomparable values. Here is but an idea of the sizes and savings: \$26.00 Reversible Art Rug, 9x12 size.....\$19.75 \$34.00 Seamless Velvet, 6x9 size.....\$21.50 \$52.00 Seamless Velvet, 6.9x12 size.....\$32.50 \$45.00 Axminster, 9x12 size.....\$32.50 \$46.00 Good quality Seamless Velvet, 8.3x10.6 size.....\$32.75 CARPET SPECIALS—\$4.50 Wilton Velvet, \$2.25 a yd. Part 10115—Bring room measurements.

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of silky softness. Some made entirely of fur in cozy round shapes. Some with crowns of Feathers or Duvetyn. One or two models in soft gray moleskin combined with velvet.

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Cunning Side Bouquets developed in metal cloth or rainbow-colored silks. 50c up. Clever Feather and Flower Novelties. The finishing touch to a charming evening gown. All colors. Different designs.

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Vanity Fair Glove Silk Vests. Sizes 36 to 46 at \$1.85 and \$2.25; usually \$3.50 and \$3.25 quality. Three inches longer than any other vest. The wide shoulder straps will not grow stringy with frequent washings.

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Full-Fashioned Silk Hosiery. Regular \$4.00 quality at \$2.00 a pair. Stunning Sports Effects in Wool and Silk-and-Wool at \$1.35 and \$2.00 a pair. Were \$2.25, \$3.00 and \$3.50.

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