Mr. Dubois Talks on Salting Mines

Philadelphia Mining Expert Gives Interesting Description

MEANS OF DETECTION

Told of Before Society of Arts Meeting—Good Attendance

At the meeting of the Society of Arts Monday evening, Mr. W. W. Dubois spoke on "The Determination of 'Salting' in Mine Investigations."

The term "salting" means almost never to discover any dishonest misrepresentation of the values of the mine. A mine may be done with the object of selling the mine at a lower price than its real value, or the mine may be "salted down," that is, made to appear worse than it really is, for the purpose of making the stockholders' money an advantage to the promoters. The mining engineer so often sees his share of the advantage of the designers. The "salting" of mines may be done too numerous to mention. The miner gets to work with a small or large mine as in quantity of superior ore throughout the mine, so that upon the examination the apparent ore of the mine will show a much higher percentage of the metal than in reality present. By the examining engineer so that he will return a favorable report; to change the exports either in part or wholly, or to add ore to the engineer's samples. That latter method is the easiest and the most often attempted.

Detecting possible "salting," one method which often succeeds is to take sum ore of one of a known value in a tempting place, and later examine them to see if they have been tampered with. Also, it is a good plan to examine the ore of the surrounding country, and see if it contains grades with that which is being tested. It is better to take a large number of small samples from many parts of the mine, than to take a small number of large ones. There is room for debate on the definition or detection of "salting," and this term is not entirely understood; but it is almost instantly and the general public of the mine is concerned. It is not the fault of the owner of the mine that the mine is not being fully salved. We are giving the latest methods of doing so. Mr. Dubois concluded his lecture by showing admirable lantern slides of the animal life of the district in which he has been.

SEDGWICK CONSULTED

Professor Sedgwick, head of the biology department of the Institute, together with the engineering firm of Harvard and Boston, and a number of prominent scientific men, has been recently engaged by the Japanese government to investigate and report upon the purchase of the $75,000,000 water plant, now under construction, and the supply of water in that city. The plan was approved by the engineers in charge, and has just reached the stage of receiving the signature of Jersey City, in an address to the taxpayers, urging the payment into court of the claim for damages, and to the court the fixing of whatever judgment that shall be made from that sum. As a result the 20,000,000,000 gallons per day plan for the city Water Supply Company will be taken over and operated by the city.

AMHERST WINS BY SCORE OF 32-13

Technology's Defeat Partly Due to Sickness of R. C. Jacobs

ATTENDANCE VERY BAD

Fine Exhibitions by Both Teams Given--Scarcely Seventy-Five

In spite of a splendid showing for the first meet of the year, the team was defeated by Amherst by a score of 32-13. Handicapped by sickness of one number and, having lost one entry in the club throwing, the team put up a losing fight against the most formidable team in its history.

Captain William Trifft of Amherst was the star performer of the evening, the team losing to Tech, Allen Tech, did some splendid work on the track, and many other members of the team did well.

Nise; House: Goodwin A 32.7; Cary 1, 21.7; Underhill A 22.1; McElroy T 12.2; High H. 21.2; Wadsworth A 21.2; Whitten A 20.2; Eimsen B 20.2; Shoop A 20.2; Wilson T 19.1; Jacobs L 19.1; Whitman B 19.1; Shope A 19.4; Burt A 19.3; Seelye B 19.2; Cott T 19.5; Contray T 19.2; Pelletier B 19.2; Goddard Barc; Trifitt A 19.2; Noon A 19.1; Got H. 19.1; Seelye B 19.2; Conning each first place 5, second 3, third 1 point.

A meet has been arranged with the Boston U. M. C. A., which will take place in the near future. The run of the game is a very exciting one, and the match game will be played.

BERLIN TO LECTURE

French Naval Constructor Will Give Course Here Soon

Mr. E. L. Berlin, chief constructor of the French navy, is to give a special course of lectures on the naval construction of his country, for the purpose of instruction. A number of members of the prominent French navy have recently been seen in this country, but Mr. Berlin is well known for his work in this field. The course of lectures to be given will also be given to the naval students, and he will continue to lecture thereon after the details of the lectures have not been decided upon, as yet, but full particulars will be given in a week or two before the course begins.

MEETING OF THE A. A.

At the regular meeting of the M. I. T. A. A. yesterday afternoon, a committee was reported on the proposed season tickets to be issued for next year. The report was approved and submitted to the club for action on the subject. The idea is that the owner of a season ticket will be admitted to all the club events in the year, but only one member of the prominent French navy has recently been seen in this country, but Mr. Berlin is well known for his work in this field. The course of lectures to be given will also be given to the naval students, and he will continue to lecture thereon after the details of the lectures have not been decided upon, as yet, but full particulars will be given in a week or two before the course begins.

ANOTHER WIN FOR SYNCHRONOUS DINNER ROOM

Philh Co-operative Society Made Success of Synchronised Dining Room

Agitated by the disastrous state of affairs in the Union, as confined in the "Synchronised Dining Room," the tech has been invited to the management of the room. The results to date are as follows:

Dartmouth and Harvard Fail.

At Dartmouth the dining room was run by 12.2; Wakelee A 21.2; Shoop A 20.2.

Within a few weeks the Harvard dining room, because of the great number of tardy and general dissatisfactions, was taken over from the management of the undergraduates.

From Yale comes the report that the dining room is now run by fully students, with a small profit.

A professional manager is employed, but no information was received as to his name and privileges.

Flinem's Store Big Success

The restaurant in Flinme's Sons Co-operative Society Street, near the campus, has been doing business very successfully. A professional manager is employed, but no information was received as to his name and privileges.