

President's office

THE TAR HEEL.

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THE OFFICIAL ORGAN OF THE UNIVERSITY ATHLETIC ASSOCIATION.

PROFESSOR DEMOTTE.

On "Python Eggs and American Boy." Star Course Address Delivered February 12th.

Jno. B. DeMotte received a cordial welcome on his second appearance here and for another time deeply impressed a large audience. "Python Eggs and the American Boy," the sequel to his "Harp of the Senses," has gone deep down in the memory of those who heard it as a unique treatment of a vital subject—a word of kindly advice, a word of wisdom fitly spoken.

In his introductory remarks, Professor DeMotte said he would give his right arm if he were but the age of so many that sat before him—fresh, young, vigorous, prepared to enjoy the magnificence of this bright twentieth century. From the start he expressed his love for the young—young man and young woman—and he showed the genuineness of his love to the close.

"The grandest picture in all the world" he said, "is that of a true mother and her babe." Here the skilful lantern operator threw a beautiful picture, a happy mother and her contented baby, up n the canvas, and the soft clapping of hands died away in silent admiration.

"Two things," he continued "will decide the character of that child, heredity and environment. The first of these is too broad for me to discuss in connection with my subject to-night but heredity has much to do in determining life. Environment is what I shall touch upon briefly."

His theme, thenceforth, was "Habit," which he called, "the biggest word in the English language." He compared the forming of habit to the egg of terrible Python. "The egg must be crushed and then we need have no fear of the snake. * * To shape aright the life of a child takes patience, patience long-suffering. What the young need is Formation not Reformation. What the parent must strive for is Formation. The time to caution, to strengthen is before temptation. I sympathize with reformers, from the bottom of my heart, but the work of reform should begin before habit has enslaved. The world, again, needs more brain and nerve traing. The young must be equipped with well trained brains which will enable them to resist temptation.

If I could impress these two sentences upon your minds, I would be paid for standing upon this platform to-night:—*The constant execution of a definite function determines structure.—What I shall be, that am I now becoming.*"

The lecture was a psychological study of the brain, profusely illustrated. Of the many views, one picture that best brought out his great point was that of an American youth who who standing by his companion one evening on the Jut-

tenbuhl east of Gesprengte Thurm of the Schloss at Heidelberg—the most magnificent ruin in all Germany—and pointing towards the setting sun exclaimed, "Over there in America, right there where the sun is going down, is the girl I love and I am keeping myself pure for her sake."

Our lives are songs, God writes the words,
We set them to music at pleasure
And the song grows glad or sweet or sad
As we choose to fashion the measure.

Appropriations to U. N. C. Professors.

We give below a list of the appropriations which have recently been made for the purpose of aiding several members of our Faculty in continuing their scientific researches. So far as we are aware no other Southern institution has been so fortunate as to receive any of these donations. This seems to be sufficient evidence of the efficiency of our scientific departments and of the attention they are demanding abroad.

From the Carnegie Institute
To Dr. J. E. Duerden for researches upon Coral, \$1000.

To Dr. H. V. Wilson for researches upon Sponges, \$1000.

From the National Academy of Science

To Dr. Chas. Baskerville for researches upon Thorium, \$350.

From the American Association for Advancement of Science

To Dr. Chas. Baskerville for researches upon Thorium, \$150.

A Splendid Record.

It is hardly necessary to announce to the public that Judge J. C. MacRae, Dean of the University Law School, and Dr. Thomas Ruffin, his able and scholarly associate, as well as the entire University, are highly gratified, to say the least, at the high standing which every member of the University Law School maintained before the Supreme Court last Monday. The whole law class, consisting of twenty-four intelligent and capable young men, well read in the law, approached, though with fear and trembling, met and subdued, the "common enemy," thereby making a most wonderful record without parallel in the history of the State.

When seen tonight in regard to the excellent showing his boys had made, Judge McRae said: The result of the examination before the Supreme Court came as no great surprise to me. Every member of the class was well prepared, and I confidently expected, and I did hear, good results from their labors. You may say for Dr. Ruffin and myself that we feel satisfied that our efforts have not been in vain."—
The outcome of the examination is a good indication of the thorough and efficient training one receives at the University, and it is a lasting compliment to the honored Dean of the Law School and his able associate.

News and Observer, Feb. 10th.

Elisha Mitchell Scientific Society.

The Elisha Mitchell Scientific Society held its 146th meeting in Person Hall on Tuesday night, February 10th.

The following papers were read: The Biological Blood Test, by Dr. Whitehead.

When an animal, say a rabbit for convenience, is inoculated with the serum of another healthy animal of a different species, certain physiological changes take place in the blood of the animal inoculated, about which very little is known. It has recently been discovered that if serum of the animal which was used to inoculate the rabbit, or serum from any other animal of the same species, is poured into a test tube containing serum of the inoculated rabbit, a precipitate is formed. This is especially valuable in enabling us to discover the true blood stains. For instance we have a garment upon which are stains which chemists know are blood stains. Till now they have been unable to distinguish between blood stains of different animals. Now the problem is quite easy. A solution is made of some stain and tested with serum of a rabbit which has been inoculated with human blood. If a precipitate is formed the stain was caused by human blood, if not by some other animal. The identity of the stain is then found by other similar tests.

Recent Work on Corals by Dr. Duerden.

Dr. Duerden showed that similarity between coral of the present time and Paleozoic Corals could be established from the Zoanthid Aremore.

A Static Transformer, by Prof. Gore.

This is an invention of Peter Cooper Hewitt whereby a three phase current may be converted into a continuous pulsatory current without the usual rotary transformer. The invention consists of a glass globe or bulb filled with mercury vapor into which the three wires of the three phase system are inserted. The current is transmitted from the three wires through the space of vapor to the fourth pole which consist of mercury which fills the bottom of the globe and which is connected with the external circuit. There is comparatively little loss of voltage and the saving in weight and cost of equipment is very great.

At 8 p. m. while Pa and Ma Helped entertain, with Sis, Both John and May in Distant seats Were far apart like this.

At 9 p. m. as Pa withdrew And sought his room upstairs The lovers found some photographs And nearer brought their chairs.

At 10 p. m. Mama decamped And then ye Gods! What bliss! These lovers sat till nearly one About as close as this.—Ex.

If you desire to kiss a girl in a quiet place, avoid her mouth.

Track Athletics.

In view of the recent proposition made us by the University of Virginia, a word about the track team which will represent us may not be amiss.

As is probably already known by most of the student body, the University of Virginia has challenged us to meet them in track athletics this spring, with the purpose of establishing permanently an annual field day between the two institutions. A meeting of the Advisory Committee will be held in a few days to consider the matter and from present indications it seems probable that the proposition will be accepted.

Since we are now debarred from any track meets with institutions belonging to the much abused Southern Intercollegiate Athletic Association, there are two courses of action open to us: namely, we must either seek laurels elsewhere or let our track team go to pieces. We are sure that no true son of Carolina would agree to the latter course so it is evident that we must find somebody to compete with us. Virginia would naturally be the first to enter one's mind. She is our one great rival and has always been an opponent, to suffer defeat at whose hands has never meant disgrace, while to win from her has always been a feat to boast of. With the exception of '99, we have been on the best of terms, and the fact that she has three games scheduled with us this spring shows with what esteem she regards us. Also we are now to have a tennis tournament with her, which we trust will be the beginning of a regular annual meet.

The track team has already been organized under Manager Thorpe, and a captain will be elected very soon. Mr. Von den Steinen will begin indoor exercises for the candidates this week. Quite a number of old men have expressed their intention of appearing on the cinder track this spring. Some of these are: Irvin, Berkeley, Thorpe, Ramsey, Calder, Foust, Newton, Cox, Oldham, Fisher and Hill, while several new men have given in their names, also, among whom are Crawford and Farlow. There are many other good men in college and we hope to see them come out. Remember there isn't a single event that is "cinched" and every man will have a fair show.

Let all come out and we will beat Virginia.

With the Societies.

Dialectic Society. Query: "Resolved, That Reed Smoot Should Not be Allowed to Take His Seat in the United States Senate. The affirmative won and Mr. Klutzz made the best speech.

In the Phi. Society Saturday night the question debated was one in favor of prohibition. The affirmative won and Mr. McFadpen was declared best debater.