

## The Tar Heel.

UNIVERSITY OF NORTH CAROLINA.

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Since the re-opening of the University everyone has had sufficient time to learn that this is 1900 instead of 1899, to his complete satisfaction whether this is the 19th or 20th century and to make and break many good resolutions. We will say here that the *Tar Heel* has no new resolution to make. It has been our constant endeavor to give the college the best paper in our power and this shall continue to be our aim. But we must impress the fact that the editors unsupported by the students, cannot make a success of the college paper. We need your active financial as well as moral support. Give this support and we hope to be able to give you a paper of which you need not be ashamed.

We publish in another column the announcement of Principal Horner's gift of a trophy cup to be contested for by college track teams and the constitution of the Association under whose rules the contests are to be held. Mr. Horner has shown his usual wide-awake appreciation of the need of development of certain divisions of athletics and has taken the proper means to encourage this branch of sport, now too much neglected in this state. So much for what he has done.

It now remains to be seen how the colleges of the state will take hold of this and to what extent they will make a success of it.

In this we must not be behind but should rather lead in this as in everything else. Everyone recognizes that we have strong men who can enter this contest and win if they will make the necessary efforts. This must be done. Let the candidates for the track team get together at once, choose a captain and get down to earnest hard work for this is necessary if we are to win, and we cannot afford to lose.

Dr. F. P. Venable was elected a member at large of the American Chemical Society at the Dec. meeting in New Haven, Conn.

Dr. R. H. Lewis of Raleigh, secretary and executive officer of the State Board of Health was in Chapel Hill last week.

Mr. W. S. Wilson '99 has returned to the Hill and will take Law this year under Judge McRae.

## PROF. COBB'S LECTURE.

The ninth in the series of faculty lectures was given on Thursday night by Professor Collier Cobb, whose subject was "The Yellowstone National Park." Below is given as full an abstract as our space allows us to publish.

"The Park is in the northwest corner of Wyoming, lying two-thirds the distance across the continent, in the heart of the Rocky Mountains. Its boundaries overlap a few miles into Montana on the north and into Idaho and Montana on the west. The reservation is about sixty-five miles east and west, being just about the size of Connecticut. No valley within its limits has an elevation of less than 6,000 feet, while many of the mountain peaks within and adjacent to the Park rise from 10,000 to 14,000 feet above the level of the sea. On three sides the Park is guarded by lofty, well-nigh inaccessible, snow-capped mountains, inclosing an area of the world's most remarkable scenery, where fire and water are ever struggling for the mastery."

The speaker described entertainingly the rivers and lakes and canyons, the snow-capped peaks and the mountain of volcanic glass, the wonderful geysers, paint pots and mud-volcanoes, the sulphur mountains, and the lake with fire and brimstone, all of which make this unique area the wonderland of the world.

The recent volcanic eruption in New Zealand, which destroyed the famous pink terraces of Rotomahanna, leave the Mammoth Hot Springs of Yellowstone Park without a rival. They occupy over one hundred and seventy acres, with thirteen distinct terraces and more than fifty active springs. "I cannot better describe these springs," said Professor Cobb, "than to use the words of Dr Hayden in his geological report for 1871: 'The wonderful transparency of the water surpasses anything of the kind I have ever seen in any other portion of the world. The sky, with the smallest cloud that flits across it, is reflected in its limpid depths, and the ultramarine colours, more vivid than the sea, are greatly heightened by the constant, gentle vibrations. One can look down into the clear depths and see with perfect distinctness the minutest ornament on the inner side of the basins; and the exquisite beauty of the coloring and the infinite variety of forms baffles any attempt to portray them; too, around the borders of the springs, especially those of rather low temperature, and on the sides and bottoms of the numerous little channels of the streams that flow into these springs, there is a striking variety of the most vivid colors. I can only compare them to our most beautiful and brilliant amiline dyes. Various shades of red, from the brightest scarlet to a bright rose tint, also yellow from deep sulphur through all the shades of a bright cream color. There are also various shades of green from the peculiar vegetation. These springs are also filled with minute vegetable forms, which under the microscope prove to be diatoms. There are the little streams which flow from the boiling springs great quan-

ties of a fibrous, sickly substance apparently vegetable, which vibrates at the slightest movement of the water, and has the appearance of the finest quality of cashmere wool. When the waters are still these silken masses become encrusted with lime, the delicate vegetable threads disappear, and a fibrous, spongy mass remains like delicate snow-white coral."

The speaker told of the eruptions of the geysers, like sunbursts of richest jewels; the fountain throwing a stream of water an hundred feet in the air; Old Faithful playing at intervals of sixty-two minutes with a jet one hundred and fifty feet high, furnishing more water than the Boston water supply; the Excelsior, breaking out at long intervals in a stream of water more than three hundred feet in diameter the largest geyser in the world; and numerous others.

The grand Canyon with its brilliant coloring and wonderful falls, affording the most wonderful scenery in the world, was illustrated by numerous photographs, along its entire length.

The lecture was prefusely illustrated by means of stereoptican views, from a superb set of photographs taken last summer and colored by hand from nature in the Park. This trip through the Park was made while Prof. Cobb was in the West as a member of the expedition to the fossil fields of Wyoming. Thereturn was through Canada and by way of Niagara Falls, which the lecturer found tame after having seen the falls and canyons of the Yellowstone. The lecture was interspersed with pleasing anecdotes and the large audience went away instructed and well entertained.

Dr. Thomas Clarke who has been the assistant in the Chemistry Laboratory for the past two years has resigned and accepted a position as chemist with the Tennessee Coal, Iron and Railway Co. of Birmingham Ala. He has been succeeded by Mr. Mills.

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## Law Class Lecture.

Tuesday night, Ex. Judge Thomas B. Womack delivered a very fine address before the Law Class. Judge Womack is peculiarly fitted to lecture on the subject which he spoke upon, "Corporations," he has now in course of preparation a work on "Private Corporations" which will soon be published.

The address was so very instructive and so valuable to the students that it will be printed in the Literature of the Law School.

This was one of a series of addresses to be made by eminent jurists of this and other states before the members of that class on important legal questions.

W. B. Sorrell has added to his stock a line of photographic supplies.

Mr. J. S. McRae Law '99 of Fayetteville has arrived in Chapel Hill. He will be associated with his father, Judge McRae in the practice of his profession here.

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