## THE TAR HEEL.

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## LECTURE BY PROFESSOR COBB

In freshwater deposits, too, the of some of the deinosaurs. "In number of individual shells is often comparison to a mammoth many of as great as in a marine stratum, if these animals were in size as a horse not greater; but there is a smaller variety of species and genera. It is in the lowest strata, the oldest rocks that we find the simplest forms; and these come up to the present time almost unchanged More and more complicated typeare successively introduced, and the forms found in the newest rocks extend back for a relatively short time.
Some years ago a cowboy named Reed, riding over the Wyoming plains, had his horse stumble on a bit of bone which awoke a new train of thought in his mind and brought a new interest into his life. He knew the name of but one scientist in the world and he sent to Prof. O. C. Marsh, of Yale, the frayments that he gathered in the Como Bluff near Aurora. The cowboy became a collector for Yale University and the Yale professor extended his brilliant discoveries of unique importance in the field of or ganic evolution. Were all other videne lost or wanting, the law of evolution would still have a firm foundation in incontrovertible fact through the discoveries of Professor Marsh.
In 1899 there was renewed activty in the region. Prof. Knight, of the University of Wyoming, Prof. Osborne, of the American Museum of Natural History, our friend Dr. Holland, of the Carnegie Museum, and Mr. Riggs, of the field Columbian Museum, got to work with a whil in that region. The Union Pacific Railroad then invited a hundred geologists from all parts of the world to spend the summer of 1899 in the field, and our lecturer was so fortunate as to be one of that num-

The lecturer then gave an account of the expedition and of its personnel, illustrating it with stereopticon by numerous photographs. Flanking the plains of Wyoming aud Colorado are lines of dark red sandstone bluffs which everywhere form striking landmarks. Just above them runs a second series of bluffs of white sandstones and hard clays. These latter constitute the Jurassic formation, famous for it: leposits of the remains of extinct reptiles. The whole thickness of this formation is nearly a thousand feet, and it is divided into a lower or marine series of strata, The marine strata yield only the swim$\min y^{\prime}$ ichthyosaur, a fish-lizard, while in the fresh water Jura there are to be found throughout nearly the whole depth the remains of the immense deinosaurs, or land lizards,
The iecturer then described the methods of prospecting for fossils, "hunting dead lizards underground," as he termed it, and the means of preserving and transporting fossils from the field to the laboratory. He showed photographs or the bones and restored skeletons one man.
to a dog; and this expedition un earthed the largest one known to science, a Brontosaurus, whose in-
complete femur measured $69 \quad 1-2$ inches. The entire animal must have weighed in life about sixty tons; he had a neek thirty feet in length. His ribs are about nine feet in length and a tail perhap sixty feet in length. His ribs are about nine feet in length, and the
cavity of his body with the lungs and entrails out would make a hal thirty-four feet in length, sisteen feet in width, and arched ove probably twelve feet in height Such a space, if properly arranged,
would seat at least forty people. A set of fours in cavalry could eas ily have risen abreast between his front legs, provided he had not objected. Every time he put his foot down it covered more than a square yard of ground and must have shaken the earth." This is Mr. Reed's own description of the animal.
The largest of these saurians were herbivorous and found forage in the vast tracts of succulent reeds aud cycads so dbundant then in that region. The cycads are the forerunners of our modern palm, for climate.
Numerous other fossil forms wer described and pistured; but your reporter found it impossible to follow the lecturer through his words and illustrations, becoming
greatly interested to take notes in a darkened hall brilliant with great pictures.

## Knocker's Column

To the Editor:
Please allow me a short space in vour Knocker's Column. It is rumored around the Campus that the Advisory Committee has been warned not to offer our next falls foot ball coach more than $\$ 650$ and true and it comes pretty nearly straight, it means that the record of the ' 04 team will not be that of our past season's team. For we
positively cannot get i good man for so small a salarv. Good coache have put $u^{5}$ in the very fore fron of Southern athletics; bad ones wil put us in a class with minor colleges and prep schools. This is a pitia ble sum to offer when a sister institution with no more men and no more money pays $\$ 1700$ per year for their coach; many prep schooloffer salaries to their coach which equal the one we are about to offer. Why don't we put out our money and get a first class man? It is
simply because one man says, "No." It is time for the students to exercise their rights in the mat ter of athletics; for the students form the athletics of any college Let us all raise our voices for what we think is right and cease to bow the inperial, commands of any
$\qquad$ A Student.

## saul of tarsus.

The Wending Lecture on Tueesday Night a Brilliant Production of a Masterful Orator
The lecture of Mr. George R. Wendli-g on Tuesday evening was one long to be remembered by all who heard him. His lecture of las spring on "The Man of Galitee" was still fresh in the minds of 1 in adience. His masterful presentation of that subject brought out crowd Tuesday night that filled every seat in Gerrard Hall. This ime his theme was "Saul of Tar as." For an hour he held bis large
udience in unbroken attention to a audience in unbroken attention to a the greatest character in human history. His eloquence, his vividness of description, his knowledge of the Bible, and his carnestness of speech place Mr. Wendling at the head of lyceum lecturers. Surely his equal has not been to Chapel Hill for some time.
one of Mr. Wendling's most famous lectures. In it we see not the divinely guided apostle of a great religion, but the man of genius, the orator, the martyr, the hero. We behold a man of profound intellect. suffering numberless persecutions, but through them all holding fast to wn unshakable faith.

## The substance of the lecture was

 followsI sinall speak to you tonight of the man we call Saint Paul. But we will look not at the divine nature of Paul the Apostle, but rather at the man, Saul of Tarsus. We shall measure him not by divine standards, but by human measures. We shall consider him only on the human side, and see what position he holds as a genus, as a thinker, and as a man of achicvement. How does he stand as an orator, a martyr and a hero? must first know these thing we of the times in which Paul lived. We will stand on the summit of Cheops and survey the centuries that had preceded him. Great civilization had lived and died. Persia, Egypt, Troy, Cirece and Carthage had each been the mistress of the world and psssulaway. The great Roman Cacans how stretched over the world and culcal all. In the
midst of thin palitical history we find another lorice. Is the Gulf Stream tempers the continents of North Ameriea and Europe and renders them fit for high civiization, so was then atream running through them atal to a great extent making them what they were. This stream was the Jewish race. This people had been through bondage,
had enjoyed a strong national existence and had suffered captivity. Now they had lost their nationality, but held out merely as a religious body, disdaining to mix with other aces about them.
While the world stood breathless after the fall of Caesar, waiting for (Continued on 4th page.)

