# OFFICIAL ORGAN OF THE UNIVERSITY OF NORTH CAROLINA ATHLETIC ASSOCIATION.

## Professor Collier Cobb Delivers An Interesting and Entertaining Lecture.

interesting and instructive lecture rocks that we find the simplest complete femur measured 69 1-2 in Gerrard Hall Thursday evening forms; and these come up to the inches. The entire animal must on "The Fossil Fields of Wyom- present time almost unchanged, have weighed in life about sixty ing." This is a subject on which More and more complicated types tons; he had a neck thirty feet in Professor Cobb speaks at first are successively introduced, and the length. His ribs are about nine hand, since he was an officer of the forms found in the newest rocks ex- feet in length and a tail perhaps Union Pacific expedition to the fossil fields of Wyoming and has spent time. much time in that region, besides making a careful study in the labor- Reed, riding over the Wyoming and entrails out would make a hall atory of some of the fossil forms discovered there.

devoted to a discussion of the many brought a new interest into his life. ways in which the record of plant He knew the name of but one and animal life is preserved in the scientist in the world and he sent A set of fours in cavalry could easrocks. The remains of a large fish to Prof. O. C. Marsh, of Yale, the ily have risen abreast between his from Wyoming, showing every bone fragments that he gathered in the front legs, provided he had not oband even the eye, preserved in a Como Bluff near Aurora. The jected. Every time he put his foot calcareous shale; the tooth of a cowboy became a collector for Yale down it covered more than a square mastodon from Fort Barnwell, N. University and the Yale professor yard of ground and must have shak-C., and shells and bones from the extended his brilliant discoveries of en the earth." This is Mr. Reed's marl beds of our coastal plain, were unique importance in the field of orshown to the audience as types of ganic evolution. the actual organism itself preserv- evidence lost or wanting, the law of ed. The foot-prints of reptiles in evolution would still have a firm sandstones from the Connecticut foundation in incontrovertible fact valley and of unknown animals in through the discoveries of Professor the shales of Cumnock, N. C., and impressions of leaves on the shales and sandstones of several different localities showed how even the mould of a creature may be just as good as the creature itself, so far as of Natural History, our friend Dr. a record of his existence goes. The Holland, of the Carnegie Museum, two valves of a clam shell may have and Mr. Riggs, of the field Columthe space between them filled with bian Museum, got to work with clay, and then on removal of the shell by solution we have a cast of the interior of the shells, as illustrated in some forms from Wilmington, and these casts are also recognized as fossils. Again, we may have a replacement of the original material of wood or bone with lime or iron or silica, as in this wood from near Chapel Hill, or this vertebra from Wyoming, in which case us a fossil. Thus you see, we may have the original thing, the cast, or the petrifaction, as four forms form striking landmarks. of fossils.

these sediments are deposited in laythe fossils whether the strata were water formations are usually very immense limited in area, and the absence of lizards, many fossil fosms usually met with aminifera in lake or river deposits. of the bones and restored skeletons one man.

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LECTURE BY PROFESSOR COBB. In freshwater deposits, too, the of some of the deinosaurs. 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 to a dog; and this expedition unvariety of species and genera. It earthed the largest one known to Prof. Collier Cobb gave a most is in the lowest strata, the oldest science, a Brontosaurus, whose intend back for a relatively short sixty feet in length. His ribs are

> Were all other Marsh.

> "In 1899 there was renewed activity in the region. Prof. Knight, of the University of Wyoming, Prof. Osborne, of the American Museum will 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 stereoption by numerous photographs. this petrifaction has preserved for Flanking the plains of Wyoming his expenses while here. If this is The muds and sands and gravels bluffs of white sandstones and hard positively cannot get a good man worn from the land by the weather clays. These latter constitute the for so small a salary. Good coaches are borne by the streams to the Jurassic formation, famous for its have put us in the very fore front Roman Caesars now stretched over oceans and seas and lakes, and as deposits of the remains of extinct of Southern athletics; bad ones will reptiles. The whole thickness of put us in a class with minor colleges ers over the sea-floors and lake-ba- this formation is nearly a thousand and prep schools. This is a pitiasins, they entomband preserve the feet, and it is divided into a lower ble sum to offer when a sister insti- Stream tempers, the continents of remains of creatures in one or more or marine series of strata. The tution with no more men and no of the ways just described. The marine strata yield only the swim- more money pays \$1700 per year geologist tells from the character of ming ichthyosaur, a fish-lizard, for their coach; many prep schools deposited in bogs or lakes or inland are to be found throughout nearly equal the one we are about to offer. seas or in, the openocean. Fresh- the whole depth the remains of the Why don't we put our money deinosaurs,

in marine strata afford a useful neg- methods of prospecting for fossils, to exercise their rights in the mat-

about nine feet in length, and the Some years ago a cowboy named cavity of his body with the lungs plains, had his horse stumble on a thirty-four feet in length, sixteen bit of bone which awoke a new feet in width, and arched over The first half of the lecture was train of thought in his mind and probably twelve feet in height. Such a space, if properly arranged, would seat at least forty people. own description of the animal.

> The largest of these saurians were herbivorous and found forage in the vast tracts of succulent reeds and cycads so abundant then in that region. The cycads are the forerunners of our modern palm, for Wyoming had then a sub-tropical climate.

Numerous other fossil forms were described and pictured; but your reporter found it impossible to follow the lecturer through his words and illustrations, becoming too greatly interested to take notes in

# Knocker's Column.

TO THE EDITOR:

Please allow me a short space in your Knocker's Column. It is rumored around the Campus that the Advisory Committee has been warned not to offer our next fall's foot ball coach more than \$650 and and Colorado are lines of dark-red true and it comes pretty nearly sandstone bluffs which everywhere straight, it means that the record Just of the '04 team will not be that of ization had lived and died. Persia, above them runs a second series of our past season's team. For we while in the fresh water Jura there offer salaries to their coach which or land and get a first class man? It is simply because one man says, The lecturer then described the "No." It is time for the students ative indication of the fresh-water | "hunting dead lizards under- ter of athletics; for the students origin of a formation. For exam-ground," as he termed it, and the form the athletics of any college. ple, there are no sea-urchins, no means of preserving and transport- Let us all raise our voices for what crabs, no chambered shells, such as ing fossils from the field to the lab- we think is right and cease to bow the nautilus, nor microscopic for- oratory. He showed photographs to the imperial, commands of any A STUDENT.

#### SAUL OF TARSUS.

### The Wendling Lecture on Tueesday Night a Brilliant Production of a Masterful Orator.

The lecture of Mr. George R. Wendling on Tuesday evening was one long to be remembered by all who heard him. His lecture of last spring on "The Man of Galilee" was still fresh in the minds of Lis audience. His masterful presentation of that subject brought out a crowd Tuesday night that filled every seat in Gerrard Hall. This time his theme was "Saul of Tarsus." For an hour he held his large audience in unbroken attention to a well-nigh marvelous delineation of 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.

"Saul of Tarsus" is 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 an unshakable faith.

The substance of the lecture was as follows:

I shall 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 genius, as a thinker, and as a man of achievement. How does he stand as an orator, a martyr and

To understand these things we must first know the social condition of the times in which Paul lived. We will stand on the summit of Cheops and survey the centuries that had preceded him. Great civil-Egypt, Troy, Greece and Carthage had each been the mistress of the world and psseed away. The great the world and culed all. In the midst of this political history we find another force. As the Gulf North America and Europe and renders them fit for high civilization, so was there a stream running through them and 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 races about them.

While the world stood breathless after the fall of Caesar, waiting for (Continued on 4th page.)