

**FACULTY LECTURE**

**Dr. H. V. Wilson Delivers Second of Series on the "Museums and Laboratories of Europe."**

The second of the series of faculty lectures was delivered on last Thursday night by Dr. H. V. Wilson. His lecture was on the museums and laboratories in Europe, with which he was connected during his recent studies on sponges. Although of a scientific nature, the lecture was free from technicalities, and was enjoyed by scientist and literary man alike.

Dr. Wilson said in part:

"The point of view from which I shall consider laboratories and museums abroad, will not be that of a tourist but rather that of one who works in them, and who works on deep sea discoveries.

"It is only in recent years that deep sea explorations have been made. People for many ages have been familiar with only the fauna at or just beneath the surface of the sea. For this reason it was thought that no fauna existed at the bottom. In the last 30 years this idea has been abandoned. Deep sea dredging has shown that there is an abundant fauna at depths of one or even five miles. It was at first thought that this fauna was that of past geological ages, which still existed at these depths. This theory, however, proved to be premature, and the idea now is that this fauna has migrated from shallow waters.

"At these extreme depths the pressure is many tons. It is so great, in fact, that animals, on being brought quickly from them to the surface, often explode, by the force of the pressure of the gases which they hold within them. Sunlight never reaches them, and they may be said to live in absolute darkness. The bottom of the sea is light, consisting of microscopic calcareous animals. There are no plants whatever at these depths. Animals sustain themselves by feeding on others. Though it is so dark, they usually have large eyes, which are of use to them in the light furnished by their own phosphorescence. It is improbable that we have obtained the largest of these sea animals, since they could more easily escape the fishermen than smaller ones.

"The greatest work on these deep sea explorations was done by the *Challenger* expedition sent out by the English. The specimens taken were given to the specialists for study. The reports from these are mostly in. The French, Germans and Dutch have also sent out expeditions. America has not been far behind, due largely to the efforts of Mr. Alexander Agassiz. He sent out the *Blake* along the Atlantic coast, the Gulf, and the Caribbean sea. The best equipped vessel in the world for this sort of work is the *Albatross*, also sent out by Agassiz. Her work has been mostly along the west coast of Mexico. Much of this work was on sponges, some of which were given to me. It was necessary to go to Europe to study these in laboratories there. It was, therefore, from the point of view of one who had a collection of sponges on which to work that I viewed the European laboratories.

"One of the best institutions for this kind of work is the Museum for Knowledge of Organic Nature in Berlin. It is a very conveniently arranged museum. The function of such an institution is a double one, that of a museum and that of study. The collections are not so large but they are beautifully arranged. Besides the rooms for collections, there are laboratories for original work. The director of the museum is a highly trained specialist. He has spent thirty years in work on one group of sponges.

"There are also in Berlin institutions for other branches of work. Two of them, an anatomical and an embryological institute are especially good. In the latter studies are pursued the embryological development of all kinds of vertebrate animals.

"The Museum for the Knowledge of the Sea, also in Berlin, was established by the German government to help build up the commerce of the country. The large emigration of Germans to other countries has made Germany a great commercial nation. To facilitate this commerce a knowledge of the sea is necessary, and this institution supplies the demand. All sorts of marine animals are preserved here in almost lifelike appearance. In this museum are also numberless models of marine architecture.

"There is in Berlin an excellent aquarium, supplied daily with fish from a station on the Adriatic.

"The English museums and laboratories are inferior to the German in many respects, especially in point of arrangement. The collections which they contain are, however, much larger. The British Museum collections are, perhaps, the best in the world. I had come especially to see the *Challenger* collection of sponges. The arrangement of these is but poor, they being crowded into one small room, in great contrast to the excellent arrangement in Berlin.

"In America we have much to learn about science and its study.

"We do not choose to accept everything from the Germans, especially their intense specialization. But it is certain that there is much we can learn from them.

Consternation was created down at Sewanee the other day when six of the most promising foot ball men were read out during chapel exercises as debarred from participating in any further games this winter. To be a member of the team, every student is required to maintain an average of 2, according to the Sewanee system of marking, and it is said that this practically destroys Sewanee's hopes of a winning team.

Vanderbilt had a big surprise sprung on her the other day when in the first game of the season. Cumberland defeated her 6 to 0. Henry, her coach, has been hard at work ever since, rearranging the line-up.

Yale has developed a new play that promises well. Instead of sending the tackle through the line when called back, he is used to defend the backs from the nearest end while they alone hit the line between guard and tackle.

**A SPECIAL INVITATION.**

The faculty and students of the University are cordially invited, when in Durham, to make our store their headquarters.

**W. A. Slater Co.**

When in need of anything while on the Hill, remember that we shall be glad to take your order for a SCHLOSS BRO'S. SUIT, OVERCOAT, or GENTS' FURNISHINGS of any kind.

**Herring & McMillan,  
University Agents**

**FOOT BALL!**

We are headquarters for Foot Ball, Base Ball and Tennis goods. Athletic outfits of all kinds. We are also agents for the celebrated JOHN MIDDLETON PIPES, and

**Fine Tobaccos. Gents Furnishings,**

Fine Shoes, Shirts, Collars and Ties. Prices of all kinds of Base Ball and Foot Ball goods quoted on application. Write for catalogue. Tennis Rackets re-strung. Pipes repaired.

**N. C. LONG & BRO.**

**White and Blue Pressing Club**

One Dollar per month, IN ADVANCE.

We also do altering and repairing at small extra cost. Give us a trial and be convinced. All work guaranteed.

Phone 23.

**R. A. PINDLE.**  
Nearly opposite University Pharmacy.

**FOR HIGH CLASS PHOTOGRAPHS**

at Reasonable Prices see

**COBB, of DURHAM N. C.**

KODAK WORK A SPECIALTY  
SPECIAL RATES TO STUDENTS

**J. S. COBB,** - - - **103 East Main Street  
Durham, N. C.**

**Sneed, Markham, Pearson Co.**

WILL HAVE A FULL LINE OF

*Clothing and Gent's Furnishings at*

**PICKARD'S HOTEL,**

*September 28, 29 & 30.*

**Smith & Pickard, Agents.**



**THE SHUR-ON EYE GLASS!**

The newest and most perfect Eye Glass made. Positive and accurate adjustment. Neater and more becoming. You will be delighted when you see it, more so when you wear it.

**Dr. S. Rapport**

Durham, N. C.  
Eye Specialist. Office over Kronheimer's store.

This Space is Reserved for

**Yearby's**

**Drug Store**

**Chapel Hill Hotel**

AND

**UNIVERSITY INN ANNEX.**

Rates, \$2.00 per day.

Special prices per week and month.

**W. W. Pickard,**

**Proprietor**

DON'T FORGET

**Kahn Bros**

are the best Tailors in the South

**WHY IS IT?**

You get the best work and most satisfaction when your laundry is done by the

**Model Steam Laundry,**

of DURHAM, N. C.

Because it has the latest improved machinery and most experienced service.

OLDEST, LARGEST, BEST.

Our Chapel Hill Agent will give special attention to University students.

**R. C. Holton, Agt.**

No. 20 Old West.

Our Specialty is

**PRESCRIPTION WORK.**

**Eubanks Drug Comp'y**

**Lambe & Lyon**

of Durham.

Clothing, Shoes, Overcoats and Furnishings of all kinds. We carry SteinBlock Clothes Walkover and Hanan Shoes.

Orders taken any time by

**G. L. JONES & "Lengthy" JONES,**

Agents.