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MISSOURI RIVER

GOOD SYMPOSIUM GIVEN AT THE TEMPLE LAST NIGHT.

Problems of Control and Utilization Discussed—Geography Given—Governor Sheldon Speaks.

The symposium on the Missouri river given by several University professors and Governor George L. Sheldon, in the Music Room of the Temple last night was very interesting and most instructive. The talks were illustrated with the exception of Governor Sheldon's, and he "forgot his slides," and were aimed to give a general idea of the nature of this great river, the problems connected with it, and some of the proposed solutions of these problems. Dean Bessey presided over the meeting.

Dr. G. E. Condra spoke on the "Geographical Conditions in the Missouri River Basin." He showed how the nature of a river is determined by its source and environment; that is, by its structural and climatic controls such as slope, bed structure, rainfall, evaporation, etc. He set forth some of the questions as prolonging of the run-off, increasing the run-off, and making the river navigable.

Professor H. W. Caldwell spoke on "Early Transportation on the Missouri." He developed the importance of the transportation problem in a civilized world, of interdependent communities whose existence depends on interchange of commodities. He said we had reached a period when we realize that the railroad is not a sufficient means of transportation. Water routes cheapen transportation on bulky articles and alleviate congestion at transportation centers. He gave the history of Missouri river transportation from the time of the Indian canoe made of a cottonwood log to the present. Beginning in 1819, the steam boat reached its "golden age" in 1858-60, when there were 100 boats on the Missouri river, some 250 feet long, carrying 400 passengers and 750 tons of freight. The advent of the railroad and the Civil war practically put an end to river traffic on the Missouri. The problem of reviving it must be studied to see if it is necessary, practical and economically expedient, not something to jump headlong into.

Professor O. V. P. Stout, speaking on "Water Power and Irrigation at the Headwaters of the Missouri," took up the engineer's problems. The chief problem in regulating a stream is to make its flow uniform. The ends of regulation, power, transportation, and flood control all require this. Irrigation is different in that it requires storage of the surplus and the non-season flow. Flood protection by storage of excess is very expensive but if this excess can be used for irrigation and power, it will pay for itself. But in the Missouri storage is only practicable at the headwaters and this will not prevent most down-river floods because they rise below the headwaters.

Professor F. J. Phillips discussed the "Relations of Forest to Run-off Water."

Pan Hellenic Dance

AUDITORIUM,
MAY 22, 1908

Walt's Orchestra Tickets, \$2.50

Forestation of the slopes conserves moisture through the forest-litter, the more porous soil forest litter produces underneath, and the prevention of erosion. He gave many interesting figures from experiments by Dr. Shaler of Harvard showing the rapid destruction of fertile soil on slopes, by erosion when not forested. Germany, France, Russia, Switzerland, and Italy all follow a policy of forestation of slopes with great increase of productivity. Professor Phillips made a convincing plea for attention to this problem, so important to agriculture.

Professor Bengston, of the Peru Normal, speaking on "Meanderings of the Missouri and Destruction of Farm Lands," showed diagrams and pictures illustrating the rapid cutting of farm lands at various places particularly near Peru. He showed many houses just being moved to escape the river and many orchards and houses going into the river. Many farmers cut down their orchards for fuel when they are doomed. He said \$21,000 worth of damage was done to farm lands in Nemaha county last summer. Professor Bengston also showed how the work of the Burlington near its bridge at Nebraska City had saved much farm land.

Governor Sheldon spoke on "Ways and Means," and that the problem was a pressing one but too great for Nebraska to solve alone. He thought it should be undertaken only when it is clear that the return would justify the expense. He told what was being done in other places and showed that "anchoring the course," that is prevention of cutting of the bank clarifies the waters, and so prevents formation of so many sand bars and aids navigation. He said the transportation companies are opposed to river improvement for navigation and that many concerns deprived of rebates are for it but that just because some of the backers of the scheme are selfish in their motives, the scheme is not necessarily bad.

PRELIMINARY DEBATE.

Forty Entries, the Largest Number Enrolled for Several Years.

The annual preliminary debate will be held Saturday morning and afternoon. The contestants will call at U. 107 at 11 o'clock this morning to draw lots which will determine the order of speaking. The present roll of contestants is the largest that the University has ever had. The candidates are as follows:

- Homer Aylsworth, '10, Lincoln.
- Leon M. Balley, '10, Fairbury.
- Ross Bates, '09, Springfield.
- James E. Bednar, '06, Law '10, Wy-more.
- James Brown, Law '11, Nebraska City.
- Arthur Buckner, '11, David City.
- Alfred E. Burr, Law '09, Lincoln.
- Ben Cherrington, '10, Omaha.
- Allen Cole, Law '09, Lincoln.
- Harral W. Coulter, '11, Lincoln.
- Searl Davis, '09, Lincoln.
- Wm. A. Davis, '09, Fullerton.
- Stuart P. Dobbs, '09, Beatrice.
- George Fitzsimmons, '08, Law '10, Lincoln.
- Don C. Fonts, Law '09, Pauline.
- Paul J. Halldorson, '10, Selden.
- Henry C. Hathaway, '11, Lincoln.
- Elmer Hills, '09, Lincoln.
- John W. Jones, Jr., '11, McCook.
- James F. Lawrence, '11, Beatrice.
- Dale McDonald, '10, York.
- Earl D. Mallery, '11, Alliance.
- Arthur M. Oberfelder, '11, Sidney.
- Herbert W. Potter, '10, Omaha.
- Frank H. Reinsch, '09, Lincoln.
- John L. Rice, Law '10, McCook.
- Don L. Russell, Law '10, Lincoln.
- John A. Scotney, Jr., '10, Belle Fourche, S. D.
- Homer, Stephens, '08, Lincoln.
- Thomas R. P. Stocker, '09, Lincoln.
- Calvin H. Taylor, '04, Law '10, Union.
- George J. Thomas, '10, University Place.
- Ralph A. Van Orsdel, '06, Law '10, Maxwell.
- Joseph Votava, '10, Edholm.
- Clement L. Waldron, '06, Law '09, Schuyler.
- Roy H. Wolford, '11, Bayard.
- Walter Weiss, '11, Hebron.
- Henry F. Wunder, '09, Shelby, Ia.
- Paul Yates, '10, Lincoln.
- George W. Wallace, '10, Omaha.

SUCCESSFUL PLAY

RHETORIC 36 PRESENTS AN INTERESTING COMEDY.

"Under Suspension" Given Before the Class and a Few Visitors—Parts Well Taken—Play Appreciated.

Yesterday morning in the Temple Music Room, at nine o'clock, a few of the members of Rhetoric 36, under the able leadership of Miss Effie Shinn, gave what was by far the most successful play that this class has put on this semester, when they presented the one-act comedy farce, "Under Suspension," to the remainder of the class and a few visitors.

The plot of the play was as follows: Several girls, who were rooming in a girls' dormitory of which a certain stern and prim old spinster was the chaperone, planned a little spread in one of the girl's rooms. Several of the college boys were invited and they were to gain admittance to the room by means of a rope and clothes basket, which was lowered by the girls when they whistled. This was strictly against the rules of the house and the great secrecy was observed in order that the chaperone would not "get wise." One of the professors, however, did find out about it, and in the evening after almost all the boys had been hauled up to the room by means of their crude rope elevator, he arrived at the windows and by whistling as the boys had done, succeeded in getting the basket lowered and himself pulled up. When half way up the girls found out their mistake, but thinking that it would be better to bring him up and explain matters to him instead of lowering him to the ground, they pulled him on up into the room. The crowd, by their generous and hearty treatment, soon won him over and upon promising not to tell the affair outside, they persuaded him to enter into their games and to participate in their lunch. While the fun was at its height the chaperone walked in, but stern and set as she was, they soon won her over in a parallel manner to the way they did the professor. The scene ends with a dance, in which the professor and the chaperone are as much concerned as any.

Many humorous scenes continually kept the audience in a roar of laughter. Miss Frances Gould as the chaperone portrayed the character admirably and never once let the humorous situations effect the stern disposition that she was representing. Mr. Letton as the professor did very well, yet occasionally he lost his set personality by entering into the humor, which was strictly for the others. Mr. Erskine as the servant and Miss Bailey as the Irish maid interpreted their characters well. The college girls and boys kept the spirit of the play up

(Continued on Page 4.)

Pie like mother tried to make. Baked fresh twice a day by an expert woman pie baker, at The Boston Lunch.

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