

# The Daily Nebraskan

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## DOWN IN DEFEAT.

### Nebraska Loses at Minneapolis by 4 to 13 Score.

Nebraska's basket ball representatives succumbed last night to the football tactics of the Minnesota agricultural college by a score of 4 to 13. The playing was of the rough and tumble order, and the Nebraska men report "bum officials" as partially responsible for the discouraging outcome. Tonight the five meets Minnesota, and it is hoped a better class of playing and more impartial officials may enable the Cornhuskers to retrieve their fortunes.

## Girls' Basket Ball.

The girls' basket ball matches Saturday afternoon will be open to university girls only. No admission will be charged. The first game will be called at 2:30. The various line-ups will be as follows: "Midgets"—Margaret Pillsbury, Edna King, forwards; Harriet Mitchell (captain), Inis Everett, centers; Adele Koch, Nella Schlesinger, guards. Second team—Emma Shinbur, Ethel Ames, forwards; Ina Gittings, Ruth Woodsmall, centers; Margaret McCutcheon, Ruth Bryan, guards. First team—Minnie Jansa, Cora Scott, forwards; Pearl Archibald, Edith Craig, centers; Alice Towne, Elva Sly, guards. The positions for the alumnae team are not known. Those expected to take part are Misses Eleanora Miller, Gertrude Macomber, Hannah Pillsbury, Zora Shields, Ida Taylor, Marie Kennedy. The officers for the afternoon will be Miss Helen Woodsmall, referee, Misses Anne Barr and Adelloyd Whiting, umpires.

## Senior Committees.

President Tellesen has completed his list of committees for the senior class as follows:

Members of Class Athletic Board—Walter Hiltner, William McGreachin, James Ferguson.

Basket Ball Team—Erle Spafford, manager; Walter Leonard, captain.

Program Committee—Misses Edith Lathrop, Chairman; Eliza Meier, Margaret Loomis, Anna Miles; Messrs. George F. Miles, Fred Lipp, Edward Rowe, R. T. Hill, Wm. Stevenson.

Ivy Day—Samuel Anderson, Laura Woodford, Myrtle Roberts, Mabel Thomas, Charles Richié, Marvin Hart.

Class Memorial—Thomas Maxwell, Chairman; Lottie Weldy, Isalel Trumbel, Anna Maguire, Archie Waters, George Lee.

Senior Party—Newton Buckley, chairman; Sadie Fowler, Gertrude Anderson, Edna Gund, Edith Benett, Leonard Harter, Horace Filley, Guy Peters, Minnie Gulle, Robert Smith.

Sneak Day—John Tobin, chairman; Clara Walker, Jean McLennan, Elva Sly, Lawrence Bruner, DeWitt Hanson, George Shidler.

## New Geological Nebraska

Interesting and Valuable Information Derived from the State Survey

The state of Nebraska is a rich field for the geologist, although people have been accustomed to regard our state as of little geological value, while they look to the Rockies, the regions of the Great Lakes and the New England states as the only appropriate places to study history as recorded by nature herself, yet Nebraska, with its broad prairies and rolling foothills, is geologically just as important, from many points of view, as are the mountainous states. A lack of appreciation for our native advantages has come about, no doubt because no geological surveys have ever been made of the state, and consequently little is generally known about what our environments really are. Since 1891, however, a survey has been carried forward by the state geologist, Professor Barbour. Since the work has had to be done without salary, oftentimes at a personal outlay, progress has necessarily been slow. In spite of the great difficulties that had to be overcome the first survey of the state has been completed and a report of the same is contracted to appear on March 15th. While the report can not give definite figures and a full description of every mile in the state, it will still be very complete, considering the time and money spent in making the survey. Nearly every county has been visited, and some of them many times. Many of the most interesting portions have actually been driven over by team and surveyed by the mile.

The hydrography of Nebraska has been studied by both the engineering and geological departments. Thousands of records of wells and streams have been secured, and gaugeings of all the important rivers have been made to ascertain the available water supply at various seasons of the year. Every important quarry, clay pit, sand pit, and gravel bank has been visited, measured and photographed. Such resources as our supply of sand, gravel, and clay may seem of small importance to the unthinking person; but, as a matter of fact, the real value of these materials can not be estimated. Enormous amounts of clay, sand, lime and building stone are already being shipped, and these industries have not yet been pushed at all. In the matter of sand Nebraska puts out enough each year to make a solid train reaching from Lincoln to Omaha; and of flint, which up to the present year was a waste product, large quantities are now being used as ballast. The flint quarry, located at Wymore, were opened by Atwood & Co. last year and the first order amounted to 50,000 tons. Although Nebraska is a prairie state, it is not lacking in building materials. Stones, bricks, mortars and cements have been tested as to strength and it is found that they compare favorably with those of other states and in some cases they are even superior.

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The report will be illustrated by

about 250 cuts—half-tones, zinc etchings and colored maps. Financial interests and industrial opportunities have been carefully looked after by Professor Barbour in getting out the book, for the ultimate aim of the survey is to learn where and how the state can be developed industrially. The report is made non-technical, so that the farmer as well as the scientific man can understand it and make use of its suggestions.

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The survey reveals a rich diversity of scenery, much of which is beautiful. Topographically the state is made up of broken ranges, canyons, buttes and in the western part, low mountains or foothills. The lowest part is the Missouri bottom, the altitude of which is about 810 feet. From this the state rises at an average of about eight or ten feet to the mile until the western limit is reached. Nebraska, without mountain ranges and forest, has a homeogenous climate. Its precipitation comes largely from the Gulf of Mexico, and is much more favorable than is generally supposed, the annual rainfall being over twenty-three inches. This amount does not seem great compared with that of many other states, but the fact that a large percentage of it comes during the spring and summer gives Nebraska as good a growing season as exists along the Atlantic coast.

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A noticeable feature of Nebraska is its favorable situation with reference to storm centers, which accounts for the rare visits of tornadoes. The average annual temperature of the state ranges from 46 to 50 degrees.

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The report takes up a somewhat lengthy discussion of the waterfalls of the state, which even our own people are accustomed to give no attention. They praise the beauties of other states but do not realize that Nebraska is really picturesque. Along the Fremont line, in the northern part of the state, the scenery is beautiful. About Valentine are several excellent locations for summer resorts. The scenery is bold and well forested with evergreens. Plenty of beautiful lakes are situated there, but they are, under present conditions, too inaccessible to be used. The best waterfalls in the state, the Ariksee falls, about twelve miles east of Valentine, and with a fall of about eighty-five feet, can be reached only by driving across the county.

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The survey also discloses the fact that Nebraska is not rich in mineral deposits, although drift gold is found in the sands of the Platte and iron, copper, zinc, lead and coal have been found in small quantities. The mineral wealth of the state lies rather in its non-metallic beds, which are rich and extensive.

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## Class Game Tonight.

The juniors and sophomores open the class series of basket ball games tonight with a game in the armory. Both teams have made preparations for this contest, which promises to be an interesting one. These two class teams are considered the strongest and the outcome tonight will probably determine which class carries off the championship honors of '03. The sophomores and juniors will likely attend in a body. Ten cents admission will be charged to defray extra janitor fees. If the gate receipts of these class games are sufficient, caps will be purchased for the championship team. Tickets can be secured from members of the teams and classes or at the door. Come out and prove to the University that there is some spirit and enthusiasm yet in the University. The line-up:

Juniors.	Sophomores.
Noyes .....center.....	Thompson
Ludden .....forward.....	Brown
Myers	Sweeley
Tyner .....guard.....	Beers
Flamsburg	Lehmer
Bickford .....substitute.....	Clark

## Juniors Enthuse.

The juniors met in U. 206 yesterday during convocation hour. As a quorum was not present no business was transacted. The half hour was spent in stirring up interest and enthusiasm in tonight's basket ball game. Messrs. Buckner, Tobin, Newton, Bickford, Myers and Misses King, Meeker, Shinbur and others were called on for speeches, and all responded in well chosen words. A committee was appointed to make arrangements for the class to attend in a body and get as many juniors out as possible. The chairman of this committee will act as leader of the rooters' squad for tonight. The juniors expect a good representation to witness the game, and the team will no doubt receive the proper support from the side lines.

A number of new volumes have been added to the library shelves for the benefit of the American history department. These consist of McMaster's history in five volumes, Von Holst's in eight volumes, and the works of Alexander Hamilton in seven volumes. The latter set is an exceedingly rare one and was obtained with great difficulty, being finally secured from a 2nd-hand book dealer in Chicago. The former two sets are a welcome addition to the American history shelves, as they will relieve the pressure by furnishing additional reference books for the larger classes.

Don Cameron's for a square meal.

Eat at Hendry's, 129 North Eleventh.

Have C. A. Tucker, Jeweler, 1123 O. fix it.

Our spring and summer suits are arriving daily, and by looking early you will get the choice of the market. All the new styles are on our tables.—E. L. Paine.