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Diary of a student of the University of Wisconsin, 1886 to 1892. 1939

Townley, Sidney Dean, 1867-

[Stanford, California]: Stanford University, 1939

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DIARY OF A STUDENT
of the
UNIVERSITY OF WISCONSIN
1886 to 1892

SIDNEY DEAN TOWNLEY

90



PATRICK WALSH

From 1861 to 1897, janitor and messenger to the President.
From a photograph by Miss Blanch Harper.

STANFORD UNIVERSITY, CALIFORNIA

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DIARY OF A STUDENT
OF THE
UNIVERSITY OF WISCONSIN
1886 to 1892

SIDNEY DEAN TOWNLEY
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STANFORD UNIVERSITY, CALIFORNIA



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INTRODUCTION

The diary from which these extracts have been made was started for no particular reason and without any particular occasion, on October 1, 1885. The recorder was at that time a clerk in the Waukesha National Bank at Waukesha, Wisconsin. The record is made in a book obtained from the Waukesha National Bank. This bank was established in 1855 as the Waukesha County Bank. Some years later the name was changed to the Waukesha National Bank, and when this was done, it became necessary to purchase new stationary, books, etc. In 1885, during a house cleaning at the bank, the recorder rescued an old unused book of blank certificates of deposit of the former Waukesha County Bank. There are four blank certificates and stubs to the page, and the pages are not perforated. The book is 11 by 15 inches in size and contains 420 leaves. The Diary is recorded on the backs of these certificates and the book is known affectionately in the recorder's family as the "little book". The recorder amused himself at times by filling out some of these blank certificates of deposit, mostly made payable to himself. The largest amount is for \$100,000. A very modest youth.

Of course we are collecting here only extracts from the Diary. It is hoped to have these prepared by June, 1940, when the fiftieth reunion of the Class of Ninety takes place. It is thought that they may be of interest to members of the class, and that they may be of some small historical value. These two possibilities seem to be sufficient justification for the publication.

The Diary contains many references to members of the recorder's family, which of course cannot be of interest except to them. These references in general will be omitted.

A considerable number of clippings from newspapers have been pasted in the Diary. Some of them are on the question of free trade versus protection, which was a favorite subject of debate fifty years ago. The recorder's father was an ardent advocate of free trade.

During part of the time of his residence at the University of Wisconsin, the recorder was Madison correspondent for The Waukesha World, a weekly newspaper published during the late 1880's. Some of these contributions are pasted in the Diary and are considered a part of it. They are signed Yelnwot.

The first entry in the Diary is as follows:

1885 October 1. Arose at 6:30. Temperature 54^o, wind northeast. Dug potatoes before eight o'clock. Usual work during the day. Cash, at bank, \$10 behind at night; worked till 6:45. Fred and Mabel stayed all night; played whist in evening. Father's 69th birthday yesterday.

From October 1, 1885, to August 31, 1886, there is an entry for every day, and the time of arising, the temperature, and the direction of the wind is given for each day. Just why, it is quite impossible to say. What time a youth of eighteen arose each day would hardly seem a matter of impor-

tance to himself, his family, or to mankind in general. The recorder apparently had the idea at first that if one were going to keep a diary, an entry must be made every day, and the time of arising, the temperature, and the direction of the wind were data that could be determined each day without great effort. After eleven months of faithful recording of these fundamental (?) data, the idea of making an entry every day was given up, and the time of arising, the temperature of the air, and the direction of the wind were sadly neglected thereafter.

An inspection of the times of arising shows that the earliest was five o'clock and the latest eight o'clock, which shows the recorder to have been a young man of fairly regular habits. Much more so than in later years, for astronomers are often just going to bed when other folks are awakening from their slumbers.

Some other entries in this pre-Madison period may be worth recording.

October 30. Arose at 6:20. Temp. 30°, wind northwest. Lighted our coal fire to-day. (A reminder of the days of the old base-burner stoves, which were kept going all winter.)

November 8. Arose at 6:55. Temperature 38°, wind southwest. Sunday. Went to Congregational Church in morning. John McCullough, the great American actor, died this afternoon at the age of 48.

November 9. Arose at 5:55. Temperature 34°, wind northeast. Mother went to Milwaukee today to purchase a bonnet.

November 11. Arose at 6:45. Temperature 42°, wind southwest. Went hunting in afternoon; killed a squirrel, a rabbit, and a partridge.

December 8. Arose at 7:15. Temperature 13°, wind northeast. Snowed three or four inches; a few sleighs out. Finished repapering the ceiling of the bank today. Wm. H. Vanderbilt died at two o'clock today of apoplexy. He was sitting in a chair at his residence conversing with a friend when he fell over on the floor dead. He was considered to be the richest man in the United States, his wealth being estimated from 150 to 200 millions of dollars. He would have been 65 years old May 5 next.

December 17. Arose at 7:15. Temperature 28°, wind east. Heard the annual prize debate of Carroll Academy in the Presbyterian Church. Question for debate: Resolved, "That the United States has done more for the civilization of the world than England in the past 350 years." Judges decided in favor of the negative. Prizes were awarded to John Walsh and W. F. Dockery as making the best speeches. (William Francis Dockery and Francis William Dockery, identical twins, were later students at the University of Wisconsin.)

1886 January 23. Arose at 7:20. Temperature -26°, wind northwest. Business dull for the past week. Had a bad cold for several days.

February 10. Arose at 7. Temperature 40°, wind southwest. A serious riot in London for the last three days caused by thousands of men out of employment.

April 13. Arose at 6:20. Temperature 40°, wind northeast. Two thousand tailors went on strike in Milwaukee today. They want to work eight hours and get the same pay as for ten hours.

May 5. Arose at 5:30. Temperature 52°, wind northwest. Great labor agitations in Milwaukee and Chicago. In Milwaukee a mob, mostly Polanders, marched to the Bay View Iron Works, as they had done yesterday, to stop the men from working; but today they were met by the militia which had been called out the day before by Governor Rusk. The mob was ordered several times to stop, but would not heed, whereupon the militia fired, killing four or five and a school boy who was hit by a stray bullet. All the manufacturing establishments in the city shut down. There was a similar mob in Chicago yesterday excited by speeches of socialists. As a body of police were coming to disperse the mob some wretch threw a dynamite bomb amongst them, killing five or six and wounding fifteen or twenty more. There are demands all over the country by laborers for eight hours work with ten hours pay.

June 2. Arose at 5:30. Temperature 64°, wind northeast. Grover Cleveland, President of the United States, and Miss Frances C. Folsom, both of Buffalo, N.Y., were married this evening in the blue room of the White House. First president married in the White House. They go to Deer Park, Md., to spend their honeymoon. Cleveland is 48, his wife 22.

June 17. Arose at 1:45. Temperature --, wind northwest. Went to Madison on the 2:18 a.m. train. Arrived at 5 a.m. Wandered around the city. Boarded with Mrs. Nye, 626 Langdon St. Went through capitol. Waukesha lit up with electric light tonight. (First time)

June 18. Arose at 6:30. Temperature --, wind west. Finished entrance examinations to the University today; passed all right, very easy. Visited water works; saw fine court house just being built. Went to concert at University building in evening; very fine music. Started for home at 11:25 p.m. A year ago today that I graduated from the Union School.

June 23. Arose at 5:40. Temperature 72°, wind northeast. Sermon to the students of Carroll College tonight at Presbyterian Church by Rev. Chas. H. Richards of Madison, "Life as a Fine Art". Very good.

July 11. Arose at 5:45. Temperature 81°, wind northeast. Sunday, rain at noon. A man by the name of Graham went down the whirlpool rapids of Niagara River in a barrel constructed for the purpose.

July 26. Arose at 5:30. Temperature 80°, wind north. The new Wisconsin Central Railroad started today with four passenger trains each way daily. W. F. Lord station agent. Mark Collins operator. Rain in morning.

August 31. Arose at 6. Temperature 63°, wind northwest. Left the Waukesha National Bank today. Reports of a frost in the vicinity last night.

September 1. Went to Milwaukee today with Bob (brother). Bought a single barrel, breech loading, American trigger action shot gun for \$14.50. Also visited the public museum in exposition building.

September 2. Went hunting down the river with Fred (brother-in-law) as far as Mud Lake. Very few ducks; did not get within shooting range of any.

September 3. A great powder explosion occurred in Chicago last Sunday (Aug. 29) during a rain storm, in which a powder magazine containing a hundred thousand pounds was struck by lightning. Several persons were

killed, windows broken, a great hole blown in the ground, and the report heard nearly a hundred miles away.

A very destructive earthquake shock Charleston, S.C., last Tuesday (Aug. 31) evening about 9 o'clock, destroying much property and killing about sixty persons. Two or three lighter shocks occurred during the night and early next morning. Several towns around Charleston were shaken and some persons killed. The shock was felt also in many places throughout Georgia, Maryland, Detroit, Mich., and even Milwaukee, where persons on the top story of the Colby and Abbot building were nearly thrown out of their chairs.

As a diary is a personal and intimate affair, it is perhaps not presumptuous and inappropriate to give a few words concerning the recorder of the events set forth herewith.

Sidney Dean Townley was born in Waukesha, Wisconsin, April 10, 1867, the son of the Reverend Robert and Mary Wilkinson Townley, the youngest of a family of seven. He graduated from the Union School of Waukesha in 1885 and for fifteen months thereafter worked as a clerk in the Waukesha National Bank at the munificent wage of \$10 per month. That his work was at least partially satisfactory was attested by the fact that at the end of seven months the rate of remuneration was increased by fifty per cent.

He entered the University of Wisconsin in the fall of 1886, received the degree of Bachelor of Science in June, 1890, and upon graduation was awarded one of the four University fellowships given that year. The first fellowships in the history of the institution were established in 1888, when five were given to graduates of the class of 1888.

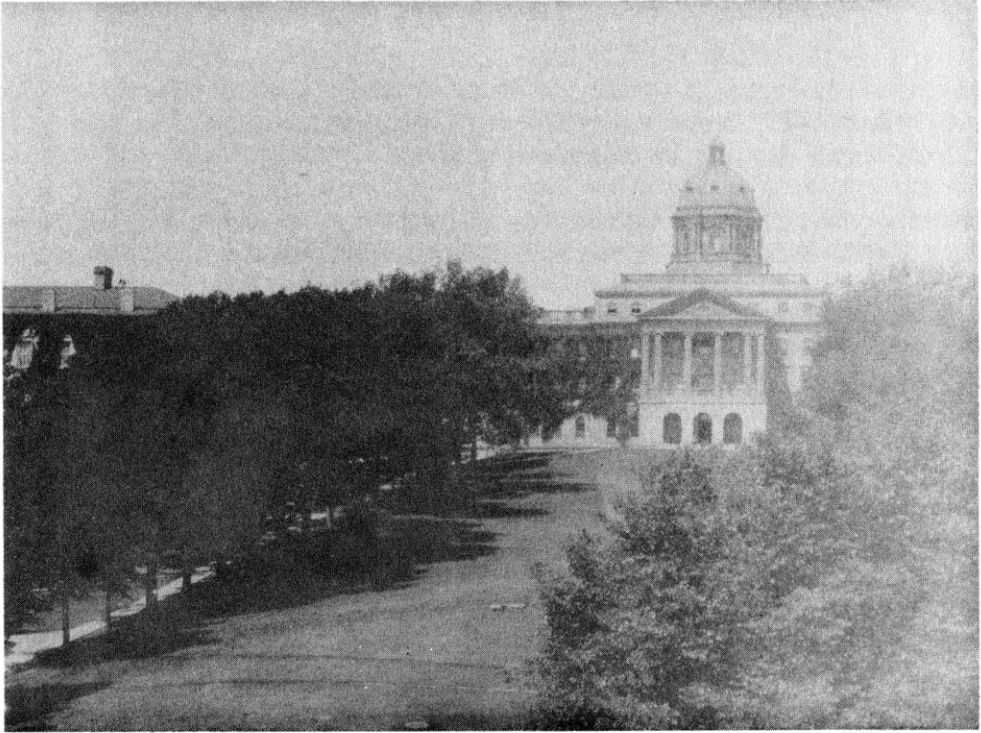
The recorder of these lines remained at Madison for two years after graduation and received the degree of Master of Science in 1892. During these two years he taught classes in Mathematics and acted as assistant at the Washburn Observatory. During 1892-1893 he held the Hearst Fellowship in Astronomy at the Lick Observatory of the University of California. In succeeding years he held various positions at the University of Michigan, University of California, the United States Coast and Geodetic Survey, and Stanford University. The degree of Doctor of Science was received from the University of Michigan in 1897. He is now Professor of Astronomy and Geodesy, Emeritus, at Stanford University.

Some of the entries in the Diary are rather crude from the standpoint of English composition. It is hoped that some beneficial results of Professor Frankenburger's teaching may be apparent in the later chapters. After more than thirty years of editorial work in which the recorder has been engaged there arises at times an urge to reach for the blue pencil and to use it, but this desire has been repressed as it is thought that editing would destroy some of the value of the narrative.

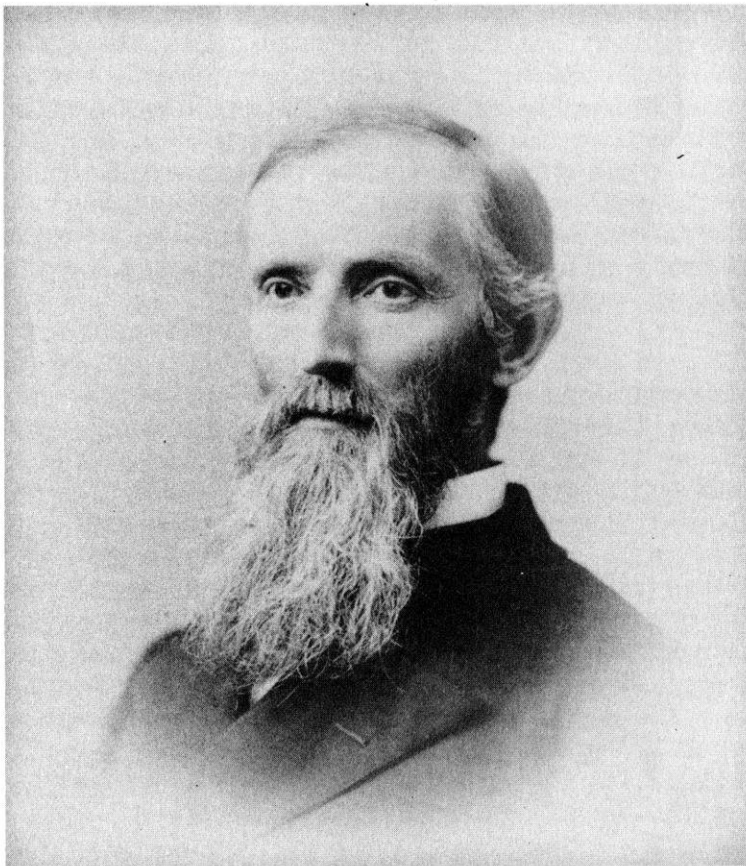
There has been also a temptation to make remarks about many of the entries but for the most part this temptation has been resisted. Such comments as have been made are placed in parentheses.

S.D.T.

Stanford University
California
1939 November 16.



Main Hall, now Bascom Hall



John Bascom

CHAPTER I.

DIARY OF A FRESHMAN

1886 - 1887

1886 September 7. Came to Madison at 5 o'clock this morning. I took a room at 523 Lake St., Mr. Tracy's, at \$1.25 per week, and board in the Churchill Club at 514, just across the street.

September 11. Have entered the University as a General Science Freshman, along with about 115 more, which is decidedly the largest number ever entered. Studies: German, Algebra, and Biology. Went hunting in the woods two or three miles west of here. Saw no game except one partridge, but did not get a shot at that. Guess hunting is about played out in this region.

September 26. Everything running along smoothly. Went to the students reception on evening of 18th in the Hesperia and Athena Halls. Early in the morning of the 23rd we had a thunder storm accompanied by hail; the ground was covered with hail stones as large as a walnut. Sunday today; went last Sunday evening to hear Rev. Richards of the Congregational preach. His sermon was to young men, and in its delivery he disclosed a line of thought which shows him to be a deep thinker and a good speaker.

On Thursday evening last, Ward and Baker, two chaps who room at the same house that I do, and myself took Mr. Tracy's boat and went up the lake to the University farm orchard to get some apples. Baker and I went for the apples while Ward stayed in the boat. We got about three bushels, but were gone so long that Ward thought we had left him, so he went home. When we got down to the lake and couldn't find him Baker started out to look for him while I stayed with the apples. I waited an hour and a half, but neither of them came, so I hid the apples in the bushes and started for home. When I got home I learned that Baker had found Ward and that they had gone up the lake for the apples. I went back after them and found them hunting for the apples. It was four hours since we separated, and after 11 o'clock when we got home. The apples tasted good just the same, and we had a good time all together. There were lots of apples there this year, and everybody helped themselves. (Those who indulge in petty thievery usually try to find some excuse to justify their actions.)

October 1. One year ago today that I commenced keeping a diary. This has been a year much the same as past years; it has not been a year of great disasters or great events, except perhaps the labor troubles and the long drought. Speaking of the first, we have had an exceptional number of strikes, especially in New York, St. Louis, Chicago, and Milwaukee. Elsewhere in my diary I have spoken of these at the time they transpired. As to their effect, it is certain they have done no good, and besides destroying millions worth of property and throwing hundreds of men out of employment, they have more or less injuriously affected the business of the whole country.

Speaking of the drought, which lasted in most sections through the months of June, July, and August, and extended the entire length of the Mississippi Valley, its effects cannot be considered as generally disastrous, although the cause of the great forest fires in northern Wisconsin which in itself was a great loss, its evil effects upon crops is not marked, except in a few localities. Everything considered, I think the farmers

have about an equal crop with last year, which was a pretty wet one. Small grains are very fair, especially wheat; corn and late potatoes suffered some, but for vegetables and fruit we couldn't have had a better season. Spring was very wet so that the hay crop was very good, although the pastures were rather dry during August. The cotton crop of the south is reported not so good as usual.

As for our family it has been one of prosperity. I have given up my place in the bank and have started off in a different direction, probably one of the most important steps of my life, either for good or bad.

1886 October 2. Last Wednesday night the boys all turned out and tendered a serenade to Prof. Storm Bull who had just returned from his wedding tour. Surely we succeeded in "Making Night Hideous". During the past week the Sophomores and Freshmen have been having considerable trouble over a low fence which stood by the sidewalk just northeast of South Hall. The Sophs took possession of it from the Juniors, and the Freshs took possession of it from the Sophs. In order to satisfy their wrath the Sophs, in the dead of night, sawed the fence down and made away with it. The next night the Freshs found it and planted it again, but we couldn't watch it all the time, and the Sophs got hold of it and threw it in the lake. That fence led quite a romantic life for a few days. Not less romantic was the Sophomore girls' fence near the Ladies Hall. The Sophomore girls, on Tuesday night, covered it with red, white and blue and took possession of it next morning. The Freshman girls had a battle with them but failed to gain possession of it; they did succeed however the following night in bodily tearing it up and lugging it away. There hasn't been any hazing yet, but the ring leaders of the Freshmen are threatened, so they keep pretty close to their rooms in the evening.

I took a boat ride yesterday and shall give a description of the lakes and the city when I become better acquainted with them. It took me one hour and a quarter to row from the insane asylum across to this side. The folks where I room have a nice boat, and we can use it whenever we please. They are very nice folks. Mr. Tracy is the state agent for the American Encyclopedia Co.

October 10. Sunday. One more week gone and still the world moves on. The week has been one of exceptionally fine weather. I have not had a fire in my stove yet and hope that this nice weather will continue so as to save me fuel. Took a row on old Lake Mendota yesterday morning with Jimmie Thatcher, scientific student from Blackearth. Had a pretty warm game of football in afternoon, Saturday. A nine of freshmen played a game of ball yesterday against a nine picked from all the other students of the University. Score 8 to 9 in favor of Freshs.

Am very busy during the week with my studies. We, general science students, part of them, recite in German from 8 to 9 each morning to Julius Emil Olson, B.L., who also teaches Scandinavian languages. He is a good teacher. From 11 to 12 Algebra to G. L. Slichter, B.S. He is a nice young fellow and a good mathematician. From 12 to 1 on Monday, Wednesday, and Friday a lecture on botany from F. L. Sargeant. He is a queer man, comes from Harvard, and is a good botanist. From 2 to 3 on Tuesday and Thursday a lecture from Edward A. Birge, Ph.D., on zoology. He is a queer looking man, but everyone that has anything to do with him likes him. He is a very good teacher. From 9-11 on Tuesday, Wednesday, and Thursday I have laboratory work in Biology. For the first two weeks we studied microscopic

animals and by means of our compound microscopes were enabled to study animals of only one cell, with neither legs nor wings and no opening in its body, yet as truly an animal as man himself. We are now studying the structure of the lower orders of the vegetable kingdom. We are obliged to make drawings of all things examined. Biology I think is a very interesting and useful study. From 3:30 to 4:15 on Tuesday elocution by Fred J. Turner, A. B. At same hour on Thursday instruction in composition from W. S. Tupper, A.B. I am required to have an essay and two declamations this term. Last and least, drill from 4:30 to 5:30 on Monday, Tuesday, and Thursday, and from 4:30 to 6 on Wednesday and Friday by Luigi Lomia, M.S., 1st Lieut, 5th U.S. Artillery. We all dress in blue uniforms and caps, white gloves and black cravat and white belts on inspection day, which comes every Friday. We have been drilling so far in squads of eight or nine each; next week we will be organized into a company and commence drilling with guns.

1886 October 24. Seven weeks of school gone already. How time does go when a person is busy all the while. I can hardly realize it - seven long weeks away from old Waukesha. When a person first leaves the place of his childhood and youth he realizes what home is, but we cannot always stay at home and must sooner or later fight the battles of life for ourselves. A person at college, however, is not really rowing alone, because he generally has the pocketbook of a kind father, and the long letters of a good mother to help and cheer him at his hard work in a far off city. (All of sixty miles) We have been having exceedingly nice weather for the past two weeks, and a nice rain yesterday afternoon. Have been very busy with my school work and am getting along nicely. In the laboratory we have been studying yeast bacteria, moulds, fungus, moss, and other plants.

We are now drilling with guns and have white belt inspection every Friday. I was reported last Friday for dirty gun (had spent all afternoon cleaning the darn thing), and will have to make out an excuse to Col. Lomia. It seems to me that drill is all a farce.

I came on for an essay last Thursday and read about Waukesha. My space was limited and so I could write very little but bare facts. The mode of teaching is altogether different here from schools. A person is marked on daily recitations, an unexcused absence or tardiness counts so much against your standing. Our study in Biology is pursued by means of lectures and laboratory work, making it very interesting.

I went hunting yesterday with F. J. Bolender, a general science chap from Monroe. We did not see much game but succeeded in getting a rabbit each. We also saw a flock of prairie chickens but were unable to get near them. They were the first I ever saw in Wisconsin. There are none around Waukesha.

October 31. The last of October, Sunday, and as near a perfect day as God ever sent us. Went alone, this afternoon, for a long walk around the foot of Lake Mendota. What a pleasant sight to look across its gently rippling waters to the opposite side, where are high bluffs with stately oaks upon them. Yesterday I rowed across to the bay beyond the Insane Asylum. There were plenty of ducks there but very wild. I did not succeed in getting any.

November 7. Election day has come and gone. Jeremiah Rusk was re-elected Governor of Wisconsin by about 25,000 majority. The prohibition vote has greatly increased in Wisconsin since the last election. Other

elections throughout the United States about the same.

We had a holiday Tuesday. Monday afternoon I walked to Oregon, a small village on the N.W.R.R. ten miles south of here, with W. C. Bennett and D. L. Kiser, two University lads who live there. In the evening we heard Volney B. Cushing of Bangor, Maine, deliver a fine and eloquent speech in favor of prohibition. I stayed at Bennett's home all night and was very kindly entertained by his mother, grandfather, and brother. In the afternoon we rode over to Stoughton, a distance of eight miles. It is a thriving little town of three thousand inhabitants, with gas and water works. We saw the Stoughton wagon works, which is quite an extensive establishment. We came back to Madison Tuesday evening on the cars. In all I had a very pleasant time, and it was an agreeable change to get out on a farm and eat meals that seemed more home-like than eating at a club here in Madison. But I was dreadfully sleepy that evening and could not study a bit.

I have a fire in my room today, the first time this fall. Yesterday I received a package from home which contained some apples and cake. How handy it is to have a home, and we that have them should we not be thankful and have pity on those poor souls who have none?

The weather is quite cool now, and I am taking advantage of it. Ward and I walked around Lake Monona this morning. The distance is twelve miles, and it took us three hours. We walked very fast all the way, the only difficulty being that the road was very dusty. What a pleasure to have health so that we can use our legs for a dozen miles tramp. The lake is much prettier on the opposite side from the city, nice high banks, a sandy beach, and pleasant forest trees on the shores. And such a view of the city; the capitol rising far above all, and the new red brick court-house standing out in the sky. The thousands of prosperous homes interspersed with tall church steeples which seem to vie with one another in trying to reach the heavens. And what a past-time, to stand and gaze at this beautiful city from a hill three or four miles across the deep blue water.

1886 November 21. Two weeks since I last wrote in this book, yet it seems but a few days. Only four weeks more of the longest term of the year. It will be but a little while when a half will be gone, and then the whole, which will deprive my college course of its first quarter; and then another, and another, and still another will be gone, never to return again. And then we will look back with joy or with sadness, perhaps with regret, at opportunities lost, and we will be almost sure to say, "If I were to go through college again I would do it differently." But at present let us work with will and with might, and do what is right; have hope for the future and trust in Him who is ever watching over us.

Today is Sunday, and I have been to Sunday School for the first time since coming to Madison, but I hope to keep up this good start. In the laboratory I have been working for a week or more on the fern, and have had many hard drawings to make. I expect next week to start on the bean, which will take until Xmas. The weather for the past two weeks has been a mixture of pleasant, rainy, snowy, and cold. Yesterday several of us boys went skating near the railroad track on Monona Lake. This is the first skating of the season, and I think earlier than usual.

December 5. Sunday. Another Thanksgiving has come and gone. I am sure I have things to be thankful for. The past year has been a prosperous

and a happy one for me and those dearest to me, and who have fond hopes for the following one. Many of the students went home to eat the festive turkey, but I preferred to stay here and enjoy myself all the more at Christmas. On Thanksgiving morning and the afternoon of the day following I was skating on the west bay of Lake Monona. The ice was all that could be wished, the weather just right, and a fine old time we had. I hear from home that Bill and Fred went bunting and had goodly luck. I would like to have been with them. At the Churchill Club we had turkey and mince pie for dinner, and in all a very enjoyable one. On Friday I changed to the Prescott Club and get very much better living.

Yesterday morning I spent reading in the library, and among other things a sketch of the life of Prof. Edward Holden, for many years professor of astronomy and director of the Washburn Observatory, and now President of California University. He is but forty years old, and I anticipate a bright future for him.

In the afternoon I took a skate of Lake Monona. Lake Mendota is frozen over, but it is not very good skating.

1886 December 21. Today is Tuesday 2:30 a.m. At 1:10 p.m. I start for home. It is just fifteen weeks to a minute since I left Waukesha, and in that fifteen weeks what a change - different surroundings, different associates, different mode of life, different work, in fact almost everything different, yet I hope it is all for the best. My last examination will be tomorrow (?) morning from eight to nine in German. The examinations seem very easy, or else I have studied extraordinarily hard. In algebra we had twelve questions which counted two hundred, and we had the privilege of choosing any of them so as to make a hundred. In botany we had seven questions with the privilege of answering any five.

This evening I had a good time playing poker with Ward and Parker at Parker's room.

There is enough snow to make poor sleighing and spoil the skating. Last Sunday President Bascom lectured at Library Hall, subject "Riches and Their Distribution". He thinks that society or government should so arrange matters that it would be impossible for a man to get immensely rich. Of course he does not oppose the carrying on of large industries, but rather that the people should help enterprises, but should not pay too big a price for them, thus enabling one man or a few men to get immensely rich out of them, as Vanderbilt.

He also lectured a week ago Sunday, on the "Uses of the Sabbath".

1887 January 9. Eighteen hundred eighty-six is dead. With it also have gone many prominent men and women, among whom may be mentioned Ex-President Arthur, Samuel J. Tilden, Horatio Seymour, Charles F. Adams, David Davis, Gen. W. S. Hancock, John A. Logan, Mrs. A. T. Stewart, Gen. McClellan, John B. Gough and many others including three senators and nine representatives.

That which has just gone has been a year of great strife and trouble between capital and labor. The laboring men have demanded larger pay and shorter hours; these not being given they have struck, in some cases being successful but in the majority of them not so. Most of these troubles have been of course in the large cities.

Elsewhere in my diary I have written of the great railroad strikes in St. Louis and Chicago, which lasted for a long time and caused almost endless trouble and inconvenience; also of the strike of the street railway men in New York City and of the riots in Milwaukee which were suppressed by the prompt action of Governor Rusk. It is not long since all the men working in Phil. Armour's immense packing houses in Chicago were out on a strike. I do not see that the condition of these men is materially altered, and notwithstanding the loss and trouble to their employers and the general public it seems to me that they themselves are the greatest losers.

After finishing up all business at the University and paying all my debts, which thank fortune I had the money to do, I started for home December 21 by the 1:15 train on the Northwestern R.R. arriving at Waukesha after an enjoyable ride in the smoking car at 3:20, thus ending an absence of fifteen weeks. The village has grown greatly, on account of the Wisconsin Central Railroad, which was completed in July last, giving it such a boom as it has never had before. The Railroad has located its car shops there and I dare estimate that during the time I was gone that forty new houses were commenced and many of them completed. Property has so greatly increased in value that lots which ten years ago sold for \$200 now sell for from \$500 to \$1000.

After getting off the cars at Broadway Crossing I was soon home and found father and mother alive and as well as usual. Everything looked natural; but alas Tip, my old cat, was gone. She was over eleven years old and died from a cancer. On Thursday afternoon the rest of the class of '85 and myself visited the Union School, the nurse room of our youth. But it is not the same old place. A large, handsome and needful addition has been added, the old rooms have been overhauled, new seats and new windows, the whole building has been raised up four feet, it is heated by furnaces instead of the old stoves, some of the old teachers have gone, the faces of the pupils are all new or else changed and in fact but very little remains to tell the old old story and bring back sweet remembrances of the past.

The rest of the vacation I spent in sleigh riding, reading "Don Quixote", and an occasional evening at whist. As to "Don Quixote" it is very interesting, and the parts are so arranged that a person can find a good stopping place almost anywhere, which is something which cannot be said of many novels. The characters which Cervantes represents in Don Quixote himself and Sancho Panza, his squire, are ingenious and are carried out perfectly.

The past year has been a prosperous and happy one for me, and I entertain high hopes for the one upon which we have just entered.

In my studies last term I did fairly well, my report being, Algebra, excellent, German, good, and Biology, excellent. I went through the whole term without being tardy or missing a recitation.

On Friday morning the 7th the weather was extremely cold. One man told me his thermometer registered 38° below zero, while others report 40° below. That was the coldest weather I ever knew.

1887 January 23. Bill's (brother) 25th birthday on the 19th of January. Twenty-five years old and it seems but a little while that he were a school-boy. But now married and twenty-five years old and how soon it

will be fifty. This reminds me that I, "the baby", am nearly twenty. As I sit here alone this Sunday evening, when I should be at Church, and the fire makes a few feeble attempts to burn, as I hear some lonely dog barking in the distance, my thoughts wander over the past; I think of the dear ones at home, and thoughtfully, solemnly and almost sorrowfully do these words impress me "Life's but an empty dream". But why these thoughts. Let us hope, nay work, that the future may be such that when the end shall come we can say, "I have tried to lead a good and useful life."

Over two weeks of the term are now gone and besides continuing the studies of last term, I take American History twice a week. The class commenced this term with Washington's administration. We take it up very minutely and thoroughly.

Our work in the laboratory is in zoology. I have dissected the earthworm, the clam and several other animals; it is very interesting.

Last Sunday the President lectured on "Railroads", giving a brief history of them and the important part they have played in the advancement of the world. Today he lectured on "Machines as a Social Factor".

Yesterday gave promise of a January thaw; it rained nearly all day but in the evening turned to snow, snowed all night and most of today. During the past week we had another cold snap 22° below zero.

1887 February 7. Monday evening. Lessons are all prepared for tomorrow. It is raining this evening, and gives some promise of a thaw. Last Sunday President Bascom lectured on "Competition as a Social Factor". He showed very clearly how competition came about, the conditions necessary for it, and the beneficial results which must necessarily follow. He said, "The United States Government seems to be blind to the benefits of competition, and pursues an entirely different plan, shutting itself up from the rest of the world by its protection, which protects and enriches the capitalists, manufacturers especially, and leaves the poor laboring man to take care of himself." A very just criticism.

Yesterday he lectured on "Workman Associations". He favors organizations among workmen. And he seemed to be in favor of their means of redress by strikes, taking the ground that no reform was ever accomplished without a large destruction of property and wealth. He holds that the chief remedy for the existing evils lies in educating the people to a higher moral standing, the rich as well as the poor. The workingman's trouble lies in his poverty.

I heard a very good sermon by the Presbyterian minister yesterday morning. It was the second of two sermons "Religion and Science with Reference to the Book of Genesis". I did not hear the first one. The second had special reference to the third chapter of Genesis. His course of reasoning was this. Science has established two laws: First. Children inherit powers, tendencies, etc. from their parents. Second. The unity of the race. No child is so good but what it sooner or later shows a disposition to disobedience and wrong and it inherited these dispositions from its parents, and these parents from their parents and so on through the unity of the race to the first man and woman, or if we believe the theory of evolution to the time when man became man or to the time when he had sufficiently advanced to know a difference between right and wrong. And that this third chapter of Genesis is simply an allegory describing the

fall of man, or the time when he voluntarily chose the evil instead of the right. That the serpent talking to and deceiving Eve is simply an outward expression describing spiritual or moral change.

1887 February 11. Tonight we enjoyed a lecture from Justin McCarthy, one of the great men of present time, a member of the House of Commons and an author of considerable repute. He is about five feet eight inches tall and not very heavy. His forehead is low with hair far back. Hair reddish brown. Full beard, red turning gray. Wears spectacles, open vest John Bull fashion. He has an Irish tone to his voice which is not very clear or loud.

The subject of his lecture was "The Cause of Ireland". After a few remarks he said that Ireland wanted Home Rule and must have it. He gave a definition of Home Rule which is generally understood. He then dwelled at some length upon the fact that all other civilized colonies of England have Home Rule and why should not Ireland? He went back and reviewed the causes of Ireland losing her parliament in 1801. It was composed wholly of Protestants who were elected by the Protestants alone, while five out of six of the population were Catholics. About the time of our struggle for Independence under the reign of George III. many faithful Irish Protestants set about the emancipation of the Catholics. The two most faithful workers in this cause were Henry Grattan and John Parnell. They were successful to a certain degree but would not stop until they had gained the complete emancipation of the Catholics. He also spoke of the Society of United Irishmen, which was a body of Catholics whose object was to help the Protestant members of the Parliament in gaining their emancipation. Sir Fritz William, Viceroy of Ireland, helped Grattan and his colleagues, but in consequence lost his office and was hurried back to England. George III. determined to extinguish the Irish Parliament. The Irish lost heart which led to the rebellion of 1798. Here the speaker lamented upon the unsuccessfulness of the rebellion and spoke of our successful struggle against the same power. Applause. Then he told the story of how the Irish Parliament was gotten rid of, through the work of Lord Cornwallis who had to do it by getting that body to vote itself out of existence. He was granted unlimited means to accomplish this end and finally did it by force, terror and monstrous bribes of money, office and titles. One method was to buy up pocket boroughs. It was resisted by Grattan and Parnell with their utmost power till the last. It was not the act of the Irish people; they never gave their consent to it and never willingly abided by it. Then he told the story of four Irishmen who got into places of trust under the British Government and thus they hoped to be able to do something for their country. Three of them turned out to be rogues and forgers, one of these committed suicide, the two others skipped out to the continent. The fourth was implicated in the roguery of the others but the English did not know whether they could prove anything against him so they made him a judge of the bench forever. Applause.

Soon a Home Rule party sprang up in the House of Commons whose policy was to bring or demand the attention of Parliament every session; no success. Soon another gang of Irish members determined that in order to meet with any success in their cause they must first gain the support of the people Irish, Scotch, Welsh and English. Their plan was ridiculed by many Irishmen but he stated their determination by an Irish phrase which he said he had picked up on this side of the Atlantic, "We don't scare worth a cint." Applause.

Their party was only seven or eight in number and he nicely described the state of affairs when it came to a "division of the house" on the Irish question, seven or eight going up one lobby while all the rest of the house were going down the other. Here he brought in a comical incident which took very well but which is too long to write. Their seven or eight members began to grow until last spring it had reached 311 with Gladstone at the head. He says he feels sure they will succeed within two or three years; that the majority of the people of the British Isles are in favor of Home Rule for Ireland; and that Parliament is controlled by property owners with six to twenty votes each. He says he does not know which party may take it up when they see they cannot defeat it.

His lecture lasted an hour and a half, was very interesting and held the undivided attention of a full house. He is a man of a wide range of sound thought. His speech was simply a good lecture, no special display of oratory. He did not in the least let his feelings run away with him which you might expect from a patriot engaged in such a cause.

1867 February 20. We have been having changeable weather this month, but on the whole not cold. We have had no thorough thaw this winter. Good sleighing all along.

Sam B. Harding entered the University at the beginning of this term. He is taking a course in Civil Engineering. He is an old school-mate of mine. We used to sit together in school.

There was a dreadful railroad accident in Vermont on the 5th, a broken rail throwing a passenger train off from a bridge seventy feet high. About fifty persons were crushed or burned to death, and as many more injured. They were mostly on an excursion to the carnival at Montreal. There is one mistake in the construction of our cars, they are regular oil soaked fire traps and but little possibility of getting out of them. We will learn by experience, aye and what dreadful experience.

There have been some more earthquake shocks. This time in the region of Chicago, St. Louis and Louisville. And a very slight one at Racine. I don't know what this world is coming to. Congress is now in session but the only thing they seem to be doing is to see how much money they can spend. Especially in the way of pensions. This pension business is being carried so far that it will cost us more than the standing armies of Europe. The President has very wisely vetoed one or two of these bills.

The eleventh joint debate between the Hesperian and Athenian Literary Societies occurred on February 18. The question was "Is legal prohibition a true remedy for the evils arising from the traffic in alcoholic liquors in the United States?" Athena took the affirmative and was represented by A. J. Hogan, F. W. Gage, and G. E. Roe. Hesperia debated the negative by R. M. Richmond, W. S. Buckley, and Jas. O'Leary. The judges were J. E. Gregory, H. M. Lewis, and A. L. Sanborn. They decided the question two to one in favor of Athena although I think, and many others also, that it was decided wrongly. The debate was opened on the affirmative by Hogan. He spent most of his time in showing the evil resulting from use of liquor and the increased use of liquor. He also set forth their interpretation of the question, and showed letters supporting their view, from many prominent men of the United States. I think it was in this that they gained a favorable point with the jury. They claimed that the negative must prove that prohibition would not remedy the existing evils and that

they must set forth a system that would remedy them. The negative thought they were only obliged to prove that prohibition would not remedy the existing evils. They also showed letters from prominent men supporting their view.

The negative was opened by Richmond who spent most of his time in showing the failure of prohibition in Michigan and Massachusetts. He made a very able debate. Next speaker on the affirmative was Gage, who vigorously attacked the other side charging them with not quoting respectable authorities, etc. He brought forth statistics and references to show the success of prohibition in Maine, Iowa, and Kansas. Buckley followed for Hesperia, endeavoring to prove that prohibition had not been a success in Maine, Kansas and Iowa. The affirmative was closed by Roe in a forcible debate. He made a long impromptu charging the negative with using figures which were fake and attacking their manner of argument in a general way. The rest of his arguments were upon a review of the situation and general arguments in favor of prohibition. The debate was closed by O'Leary. It is the general opinion that he made the strongest debate of the evening. He said that their system was essentially restriction and education. Through his debate he attempted to show how high license and education were much more effectual in reducing the evils than prohibition would ever be. He attempted to show the impossibility of a prohibition party getting into power, and the impossibility of their ever being able to prohibit liquor traffic if they did.

The debate was a very interesting one throughout, but there were many conflicting facts and figures brought out so that I don't know now whether prohibition where it has been tried has been a failure or not.

President Bascom's lecture of the 13th was on "Political Parties". He gave the parties a raking over, showing the evils existing, and the character of the men who entered politics and the purpose for which they entered.

His lecture today was on "Taxation" of which I took the following synopsis:

Principles of taxation.

1. (a) Taxes should be such as are easy of collection.
(b) They should be such as are easy of payment.
2. Should be so placed as not to hinder production. If indirect, just before consumption. The violating of the last principle is one of the great evils of tariff.
3. They should be laid upon luxuries rather than necessities.
4. The people should know what they pay and when they pay it.
5. Taxation should be placed justly. (a) It should be equal. (b) That as the ability to pay is increased not only should the taxes be proportionately increased but a little more. Reasons. (a) Taxes are chiefly for protection of property. (b) The needed protection increases faster than the value. (c) The poor and common people bear most of the burdens of war therefore the rich should bear them in time of peace. I don't think this last reason a good one. (d) Power increases with property. (e) It will be a tendency to equality.

Criticisms of ours.

1. Carried on under selfish motives, as an example the repeal of the income tax, which was a just one. Reasons for its repeal. (a) It was said to be unjust. (b) It was inquisitorial. (c) Laid upon business

men.

2. They are unjust in manner. They are about one-half direct and one-half indirect. There are \$350,000,000 indirect of general government besides some in cities. These are mostly paid by the middle and lower classes. They are war taxes.

Direct taxes are more just, but they are unjust inasmuch as the poorer classes have very little taxable personal property, which is an easy thing to conceal.

3. Vices of taxes.

Under this head he claims that the taxes on liquors and tobacco are unjust because the greater part of them come out of the poor. I think this is a debatable question.

1887 February 27. Last Friday evening I joined Hesperian Literary Society. Hesperia and Athena are the largest in the University. They, together with Adelpia, have their rooms in the top story of the main building. There are also a number of other societies. The Phylomathean which just started this year. The Pharmaceutical Society, the Engineer's Society, and the Short Course Agricultural Students Society, these were all started this year. I must not forget to mention the two ladies societies, Laurea and Castalia, which meet alternately Friday evenings at Ladies Hall. There are also a number of secret societies. On the evening of the 21st there was a grand fraternity ball of the secret societies at Library Hall. Senator Sawyer's daughter was there with a \$15,000 necklace on. That speaks well for protection.

Today President Bascom lectured on "Fictitious Speculation". I was very sleepy so got but little good from the lecture. But from what I remember he spoke chiefly about the speculating in wheat, pork and other products in Chicago and elsewhere, claiming it to be unjust, inasmuch as by this means a few capitalists control the markets and run up the price at times, thus putting most of the burden on the poorer classes who are least able to bear it.

March 7. Monday evening. Just got back at 5 a.m. from a run down home. I left here at 11:20 Friday night and spent an enjoyable Saturday and Sunday amongst old friends. It snowed a little early Saturday morning making the sleighing very good, and of course I embraced the opportunity of taking a little pleasure of which kind I get none out here.

One of our young neighbors, Harry Rolf, has satisfied his desires of the wild west, and come to the conclusion that old Waukesha and home are pretty good places after all. He has been with his sister in the northern part of Dakota since last spring, but found the elements too severe for him. He reports fine hunting out there, wouldn't I like to go - to hunt, I mean.

A week ago this evening I was down to the Capitol while the legislature was in session. It was the first time I had seen that august body, trying to deal out good and justice to suffering humanity. It was not very interesting to me, the reading of a lot of bills that nobody seemed to care anything about.

President Bascom's lecture yesterday was about the family. I was sorry not to hear it.

Last Friday evening we enjoyed a lecture from Gen'l. Lew Wallace, one

of the heroes of the late war and author of the much read book "Ben Hur."

His subject was "Turkey and the Turks". As he was for four years United States Minister at Constantinople he was able to treat his subject in an interesting and intelligent manner. He began by describing the Bosphorous through which the traveler passes if he approaches the city by water, giving an account of the beautiful scenery on either side, the many different boats and vessels of all nations which you see, and the solemn impressiveness of being in a place where on the one hand but a short distance is Europe, and at the same distance on the other hand is the old continent of Asia. He went on to give a short history of the Turks and their principal city in Europe, but the most of his lecture was devoted to describing manner of living, character, religion, etc., and I must say I have an entirely different idea of the Turks than before. Although they have some vices yet he says, not even the French are more polite, no race of men have more respect for women and never did he see a drunken Turk while in Constantinople. At big dinners he could always tell which were the Christians' seats because there was wine at their plates.

Then he went on at considerable length to tell about the harem or home of the wife and children. This information he gained through others because no man ever enters the harem except the master of the house. He spoke of the present ruler of Turkey whom he considers one of the ablest rulers of Europe. He is sole ruler of his empire and is supreme master of his ministry instead of being their servant as most rulers are, yet he is no despot. Although they have capital punishment in Turkey yet not a man has been executed since he has been ruler; he invariably commutes the sentence to imprisonment. How many rulers can be found who have a heart like that. The Khedive has the most profound respect for foreigners although they are Christians. Their religion is Mohammedism and they think the Christian religion stands next to theirs. They place Christ next to their prophet Mohammed. Wallace called them Unitarians for their cry is God is God and Mohammed is his prophet. Indeed, says Gen'l. Wallace, Mohammedism is a good religion and does a good work, and their Bible, the Koran, is in many respects as good as our Bible. Gen'l. Wallace is a man of about fifty, medium build, ordinary looking, a good talker but not an orator.

. Out of this lecture and that of Justin McCarthy we cleared \$220 which will be divided among the six literary societies who managed it.

Last Friday afternoon occurred college rhetorical. The Freshman class was represented by a declamation from Miss Vernon, the Sophomore by an essay from J. B. Kerr, the Junior by an oration from Miss , the Senior by an oration from Miss Tenney.

1887 March 13. Windy today, the first touch of March weather which we have had. The rest of the month has been exceedingly fine, especially yesterday, which was really spring-like because it was the first appearance of blue-birds and robins. The snow is nearly all gone now, which I suppose will end our sleighing for the season. We have had continuous good sleighing since about the middle of December, but it has not been a severe winter although we have had a few cold snaps.

The boys are having great fun on the lakes sailing with their ice boats. The toboggan slide, which the University boys constructed on the hill back of the Observatory was a short-lived affair. They found trouble in keeping the trough iced. It has a fall of 120 feet and that not

without several bumps so that it was not entirely safe to go down the thing. One of the professors took a ride down it and was led to remark that he had never been so near telescoped before.

I had a letter last Monday from an old schoolmate, E. H. Shaw, who is taking an engineering course in the University of California at Berkeley. He said he had not worn an overcoat or underclothes all winter. I think I should like to try such a climate.

Friday evening there was an open session of Laurea, one of the ladies' literary societies. They had an interesting program consisting of an essay, a debate, an oration, violin music, and two comic dialogues. The question of debate was resolved, "That the United States should establish international copyright laws". It was debated on the affirmative by Misses Smith and Remington, on the negative by Misses Waldo and Robinson. The judges decided two to one in favor of the affirmative. Last night was the occasion of the Freshman party at Library Hall. I did not go but watched them from the gallery for a while.

"The paths of glory lead but to the grave" never were words more truly written. This time the country is called to mourn the loss of its greatest preacher, Henry Ward Beecher. He passed from this life at 9:30 o'clock Tuesday morning the eighth, after four days of unconsciousness caused by an apoplectic stroke. The ministers of Chicago refused to send a letter of condolence to Mrs. Beecher, in which action they show themselves to be a narrow-minded, unchristian-like set of men, who call themselves ministers of God; yet when the greatest one of their brothers is called from this life they refuse, even when asked to, to send a few sympathetic words to his widowed companion, just because he held some different religious beliefs from what they do.

If anyone ever reads this let me ask you, friend, are these the sort of men we want to teach religion? Are they worthy of the name ministers of God? I think not. I want nothing to do with men who carry such hearts as those within their breasts.

1887 March 27. President Bascom gave the last of his Sunday afternoon lectures last Sunday. It was the closing of a course of winter term lectures to the University Christian Association which he has given for thirteen years.

Last Friday the essay contest of the Sophomore class was held at Library Hall. The participants were J. B. Kerr (title of his essay not recorded), Miss A. E. Griswold, "The Indictment of the American People", A. E. Buckmaster, "Battle of Hastings", Miss Belle Flesh, "The Church and the Poor", W. A. Curtis, "College Myths". First prize, Tennyson's Poems, was given to Curtis, and second, a gold pen, to Miss Flesh.

On Friday evening occurred the Sophomore Semi-Public of the Adelpian Society. President's address, giving a history of the society, John Stevens, Jr. An essay, "College Government", by L. M. Hanks. A debate, "Resolved, that it is inexpedient to retain the present patent system". Affirmative J. B. Kerr, W. R. Smith; negative J. D. Goss, A. T. Leith. Question was decided in favor of the affirmative. The entertainment was concluded by a comical debate by W. A. Curtis, "Should capital punishment in our public schools be abolished". There was also pleasant music between the exercises. I neglected to mention the Semi-Publics of Athena and

Hesperia which occurred during the winter.

School closes Wednesday for a week's vacation. Examinations will be in full blast tomorrow. This term's work in Zoology has been interesting. We have had in the laboratory specimens of all the principal classes of animals as far as the vertebrates. Today and last night we have had a big snowstorm making drifts three or four feet deep in places. Take it all together March has been a very nice month.

1887 April 10. The week's vacation is gone and we are back at work again. Yesterday and today were very warm and the frogs are singing tonight. I spent vacation at home and found everything as usual.

After coming back last Wednesday I felt very little like studying. We resume military drill again tomorrow. My studies this term will be German, Biology and Trigonometry.

The legislature has passed, after a great deal of kicking, the bill appropriating \$180,000 for the completion and equipment of Science Hall. The old building was burned two years ago last December.

The day before I went home, March 29, Bill came out here and we attended Henry George's lecture in the evening. His subject was "Land and Labor". The question is a very important one and from the present looks of affairs one which will soon demand a solution or a decided change in order of business. Although George's theory is an extremely radical one yet it is not to be thrown aside without investigation.

It is my twentieth birthday today.

May 1. This has been a very warm day; it seems as if summer had come. Lake Mendota opened about the 15th of April. On April 16th Sam Harding, Harry Sheldon and myself went hunting at Second Lake. We started at 3 a.m. Sam shot two ducks, Harry one and myself one. The next morning Sam found himself sick with the mumps which confined him to his room for a week.

On Tuesday afternoon occurred the death of Alexander Mitchel in New York City. He was one of the first settlers of Milwaukee coming there in the thirties and living there ever since. He started a poor boy and died the richest man in Milwaukee, president of its largest bank, president of the C.M. and St.P. R.R., and one of its most highly esteemed citizens. One by one they must go.

The program for the Hesperian Society was filled by the Freshmen Friday evening, April 22nd. First was an essay by M. E. Baker, entitled "Buddhism". Second was a debate, Resolved "That the death penalty should be restored in Wisconsin for murder in the first degree". Debated on the affirmative by Clarke, Harrington and Meyer; on the negative by Thomas, Cooley and myself, Cooley closing. "We" beat. After recess came a declamation by H. G. Parkinson. The second debate was; Resolved, "That the present tariff system of the United States is preferable to a system of free trade". Debated on the affirmative by Thatcher, Browne and Donahoe; on the negative by Kneip, Bird and Robinson. The free traders won, as they should do. The program was concluded by a humorous paper from West. The upper classmen of the society say they are well satisfied with the Freshman class.

Yesterday occurred the first league game of ball at Beloit, between the U.W. and Beloit nines. The score was 12 to 9 in favor of U.W. Yesterday also occurred five games of football between the Freshmen and Upper Classmen which resulted 3 to 2 in favor of the Freshmen. They also played two games a week ago yesterday which resulted in a tie.

1887 May 7. Another week has passed. It has been very warm today. I am rooming at 433 Francis St. this term. Haynes is the landlord's name and he keeps a boot and shoe store. Friday night the Hesperian question of debate was "Resolved that the action of Canada toward our fishing interests justifies retaliation". I was on the negative and "we" won the decision.

Yesterday Sam Harding and I went across to Picnic Point and got several kinds of flowers for my herbarium. It was nice rowing, the first time I have rowed this spring. In the morning a number of the boys participated in target practice, ten shots at 100 yards. I only made 34 points out of a possible 50.

May 21. On the 16th occurred a league game between the U.W. and the Evanston nines; resulting 9 to 8 in favor of U.W. The return game was played at Evanston on the 20th resulting 10 to 8 in favor of U.W. On the 21st they played the lake Forest nine on their own grounds. The U.W. won 19 to 11.

This morning C. G. Thomas of Dodge's Corners and myself rowed to Picnic Point and beyond on a botany excursion. We were successful in getting the seeds of several plants, a number of new ones. We took a swim, but the water is a little cool yet.

In the afternoon the Y.M.C.A. and Y.W.C.A. held a picnic across Lake Monona. They report a good time.

May 23. This evening our ball nine returned from a trip to Evanston, Lake Forest, and Racine at all of which places they won the games. The closest one, 7 to 6, was Racine this afternoon. Word of the victory was received at about five o'clock while the Battalion was drilling. Col. Lomia dismissed the drill and a salute was fired. Immediately after supper the boys assembled on the Lower Campus and made arrangements for hiring a team and Leuder's Band. We assembled again at eight o'clock and marched in double file to the depot, headed by the U.W. Band. Many of the boys were fantastically dressed in the college colors. There were about 400 students and before the train arrived there were enough city people assembled to swell the number to a 1000 or 1500. The students formed in a single row along the platform and when the train arrived the nine were carried to the bus amid a pandemonium of noise. Tin horns, trumpets, conch shells, human voices and the two bands seemed to vie with each other to see which could make the most noise. We again formed in procession, headed by Leuder's Band, and marched by a roundabout way through the city to Ladies' Hall. The route was one continued racket except a few places where we stopped to let the band play. When nearing the Hall cannon on the Upper Campus commenced firing. They fired seven times, the number of tallies of the victors. The nine were treated to refreshments at the Hall by Mrs. Whitton, during which time songs were sung by the girls who were seated upon the front steps. The crowd also sang one or two familiar songs. The song of all such blowouts was changed to "Racine's body lies a mouldering in the grave" and "We'll hang Jim Lunt to a sour apple tree". Lunt is the Racine

pitcher. After a few more vociferous yells we departed for home merry and happy and all hoarse.

1887 May 28. The preliminary shooting of twenty-five shots each, of about forty of the Battalion was finished today. There are six with better records than I and the five with the best records will compete for the prize next Saturday.

This afternoon our nine played the Lake Mills amateur club at the fair-grounds. The Lake Mills did not have their regular pitcher but the score was 17 to 15 in their favor. The Lake Mills club is the best amateur ball nine in the state. Swinborn, our second baseman, made a home run in the ninth inning.

May 30. Decoration Day. The U.W. Battalion participated in the exercises. We assembled at one o'clock and marched to the public square near the Capitol. Here the procession, consisting of the U.W. Battalion, at the head, the Governor's Guard, G.A.R. and Sons of Veterans, started. On account of the muddy condition of the streets and the threatening appearance of the weather we only marched around the Capitol Park and then assembled on the grounds. We intended staying to hear some of the speeches but a storm was coming up so we marched back and just escaped a wetting. There were a large number of city and country folks out. Gen'l. Fairchild marched with his men. A good time all together.

June 3. There was an extra meeting of our society (Hesperia) at five o'clock this evening at which time we elected officers for next year; Murphy, president, Park, vice-president, Cooley, secretary, Olson, treasurer, Reed, censor and Wheeler, assistant censor. We expect to have some good debates at the beginning of next fall term. This evening occurred one of the events of the year, the Junior Ex. which consists of orations from a Junior member of each of the five Literary Societies. The orators were all very good. The prize, a complete set of George Eliot's works presented by bookseller Moseley, was won by Miss Louise M. McMynn, of Laurea, subject, "The Creed of Charity". The second place was given to H. H. Reid of Hesperia, subject: "How Perpetuate our Civilization". Third place, Miss Fannie P. Farnsworth of Castalia, subject: "The Solitariness of Genius". Fourth place was won by N. S. Robinson of Adelpia, subject: "The Pyramids". The last place by F. E. Doty of Athena, subject: "The Conditions of Human Development". The orators for Junior Ex. are elected at the last of the spring term, so that a year may be spent in preparations.

June 4. Though it rained the fore part of this afternoon the Freshmen were not scared out of their picnic which was set for today. We started from "Angle Worm Station" on Third Lake at 3:30 o'clock in the steamer and went across to Lake Side. The grass was wet so we had to take up our quarters in the "Rustic Temple", an open large summer house, with a floor. It is built of unbarked logs about six inches in diameter.

We spent the rest of the afternoon in playing games and playing ball with the oranges and lemons. At six we feasted on sandwiches, cakes, lemonade and ice cream. Our table consisted of boards set across two benches.

After supper we tripped the light fantastic toe, to the tune of a couple of fiddles. It was pretty rough dancing but that made it all the more fun. Quadrilles were the order of the evening. At about 9:30 o'clock, at the sound of the steamer whistle, we very reluctantly gathered our baskets and

started for home. The lake was very smooth and the moon shined through a few thin clouds. We "made night hideous" with a few songs and landed at the landing well satisfied with our afternoon's fun. There were only twelve girls and fifteen boys but we doubtless had a better time than if there had been a large number. As tomorrow is Sunday we will have ample time to recuperate.

1887 June 7. A heavy thunder-storm at about five o'clock this morning. This afternoon our baseball nine played the Milwaukee league nine and were done up with a score of 12 to 3. Yesterday they played the Lake Forest College nine and easily beat them by 24 to 5.

June 8. The last two days have been very warm. Today occurred the prize drill between the two companies of the battalion. The winning company carries the flag. It was won by B Co. which is composed entirely of Freshmen and commanded by Capt. Hanks. Co. A. consists of the Sophomores and a few Freshmen, commanded by Capt. Hutchinson. By a previous contest ten men from each company had been selected to contest for a gold medal. The company which won the flag was allowed its ten men while the other only had six in the contest. After about half an hour's drill this prize was won by Lathrop of A Co., class of '90. I belong to A Co.

Prize for best shooting was won by Dumke of the band. Prize for best man in tactics won by Whitton, 1st Sergt. of Co. A.

June 14. Last week the office of Col. Lomia was broken into and all the records of the adjutant were stolen. The thieves have not been caught nor is their purpose understood. The President has a duplicate of all the absences, so that nothing is gained by the taking of the records.

Last Saturday occurred a league game between the U.W. nine and the Belois. Up to today the U.W. and the Racine nines were tied but today's game resulted 7 to 1 in favor of Madison, thus giving the championship again to the U.W. The third-baseman of the Beloit nine is R. K. Welsh, an old schoolmate of mine, who is now a Senior of Beloit College. The short-stop of Belois was struck behind the ear by a pitched ball while batting. He was hurt so badly that it was necessary to take him to a doctor's office.

Our boys have lost but one league game this season, that being the first game they played which was with the Racine nine at Madison.

Our ball nine consists of Waldo of Junior Law Class, as catcher; Williams of Freshman Class, pitcher; Spencer of Freshman Class, short-stop; Simpson, Sophomore, 1st base; Swinborn, Sophomore, 2nd base; Kramers, Senior, 3rd base; Harper, Sophomore, right field; Brumder, Freshman, center field; Brown, Junior, left field.

This morning our class was examined in Solid Trigonometry, not hard.

In the afternoon occurred the "Prize Declamation Contest" of the Freshman Class. All the contestants did exceedingly well. The prize was won by Miss Susie Wegg of Milwaukee. The other contestants were Misses Vernon and Baker, and H. G. Parkinson of Madison and B. Worden of Milwaukee.

June 15. Today was Field Day. There was not a very large crowd but the exercises were interesting notwithstanding the excessive heat.

The first was a 100 yard dash won in $10\frac{3}{4}$ sec. by Hall of the law school. There were about a dozen in this race. Second was a running high jump won by Diment of Junior Class at 5 ft. $4\frac{1}{2}$ in.

Mile walk was won by Baxter of Freshman Class in 9 min. He nearly fainted after reaching the end.

Mile run was won by Kerr of Sophomore Class in 5 min. 19 sec. Case, his only opponent, gave out at about three-quarters around.

Waldo of Law School was the victorious ball thrower, distance $291\frac{1}{2}$ ft. Hall won the standing high jump, 4 ft. 1 in. Diment took lead at running jump, 18 ft. Standing jump was won by B. C. Parkinson, 10 ft. 1 in. Switzer, of Law School, came out ahead in one-fourth mile run, time 1 min. 11 sec. Bruce, Freshman, made longest football kick. Three-legged race was won by Bossard and O'Neil, 250 ft. in 9 sec. Casting shot, 25 lbs., won by Murphy, distance 30 ft. 2 in. Backward crawl won by E. P. Worden, Freshman, 100 ft. in 8 sec. Running hop, skip and jump by Diment 43 ft. 1 in. Pole vault also won by Diment something over seven feet. Potato race was won by O'Neil. The Juniors were victorious in their tug of war with the Freshmen. The prize was a cask of cider and it was very good, too.

There was some prize for each contest given by the merchants of the city.

1887 June 16. German examination this morning, and zoology in afternoon. At the close of College Rhetoricals, Tuesday, Gabriel of Senior Class presented President Bascom with two fine pictures. They are the gift of the students and cost about \$170. The prize of the Declamation Contest was also a picture.

June 17. Examination this morning in previous term's zoology. This evening occurred the Senior Banquets of the Athenean and Hesperian Literary Societies. In Hesperia the first order of business was the election of Junior Ex. orator for next year. Those nominated were Kraege, Park and Powers; at the third ballot Powers was elected. We next spread our tables and feasted on cake, lemonade, oranges, bananas, and ice-cream. This was the best part of the evening. After the feast we were treated to a couple of recitations by Kelley, a member of the Law School, who is quite an elocutionist.

A number of the alumni also spoke and one member from each class. We adjourned soon after eleven, well contented with our evening's fun.

After the banquet several of us boys went swimming in Lake Mendota. It is a very nice lake to swim in.

June 19. Sunday. At 11:30 yesterday morning I started for home. I got off at Genesee Depot and walked over to Mabel's (my sister) house, a distance of about four miles. I stayed with them all night and had a good lot of strawberries to eat. But their strawberry crop had been a decided failure on account of the very warm weather and lack of rain. There has been none here for two weeks, but we had a heavy rain in Madison last Monday. Yesterday the sun was so scorching that it wilted the strawberry vines. Fred has a lot of very nice looking grape vines. Almost everything has suffered by the drouth. Hay is but half a crop, corn and potatoes in many places are poor and grain is not what it should be. Bill and

Mate came out last night and this morning Fred, Bill, Paul, hired man, and myself went swimming in the river, but it is not like swimming in the lake.

This morning Mabel brought me home and I found everything about as usual except the old barn has been moved down near the house.

This afternoon in going about the village I noticed many improvements and hosts of new houses and also a fine large hotel on the site of the old Mansion House. The real estate boom still continues and some lots are selling for monstrous prices. There is not a vacant house in town and scores of new ones are in process of erection. The Fountain House is open and many visitors have already come.

The village is to be further improved by waterworks and much of the pipe is already laid. The wells will be near the old woolen mills.

It has been exceedingly warm for the past week; last Friday the thermometer stood at 100 degrees in the shade.

1887 June 23. Thursday. The last two days have been very cool but still no rain more than a sprinkle. I have been working around the garden and making a hen-house since I came home and find the change from study very agreeable.

This afternoon I received the report of my last term's standing. It was: German good, Biology good, Trigonometry excellent, Rhetoricals good. Although some of my standings have not been as good as I might wish them yet I feel satisfied with the year's work and do not think I will ever regret having entered the University.

June 24. At the University Commencement on Wednesday the Lewis Prize, \$18, was won by Harry Briggs of Madison who graduates from the English Course. The judges made honorable mention of the oration of Edward Dwight. There were nineteen who came on and over fifty who graduated besides about forty from the Law School and about fifteen from the Pharmacy Course. This is the largest class which has ever left the University.

Tuesday was the Alumni Reunion Day. It was a much greater success than ever before. There were speeches by President Bascom and the new President Chamberlin. On losing President Bascom the University loses one of the best men who could possibly be found for that position. He was liked by all the students and always stood up for them when he could.

August 15. On the night of August 10 occurred the most terrible railroad accident which ever happened. The scene of the accident was near Chatworth, Ill., on the Peoria, Wabash and Western R.R. It was an excursion train of about a dozen cars, started from Peoria and bound for the Niagara Falls. The section-men had been burning grass along the line but neglected to put out some which they kindled near a small bridge. The fires spread to the bridge and by the time the train went over it was pretty much burned. There were two engines drawing the train, but the engineers did not see the fire in time to stop. The first engine went over all right but the second and about six coaches were precipitated into the ditch. The rest of the cars stayed on the track. By the prompt action of the surviving trainmen and others the wrecked cars were prevented from catching fire by which many injured were saved. There were over eighty killed and many more injured.

1887 August 25. The first half of August was very warm and dry but since then it has been moderately cool. I have been working around home all summer except four days about the last of July when I helped Fred on the farm. I have given the old barn a coat of paint which very much improves its looks.

August 28. Sunday. Today mother and I took a drive to Oconomowoc. We started at eight o'clock and drove there in three hours. After seeing the city we went two miles this side to Oconomowoc Lake where we ate our dinner and fed the horse. "Coonie" is nicely situated between two lakes. It has many nice houses and I think would be a desirable place to live.

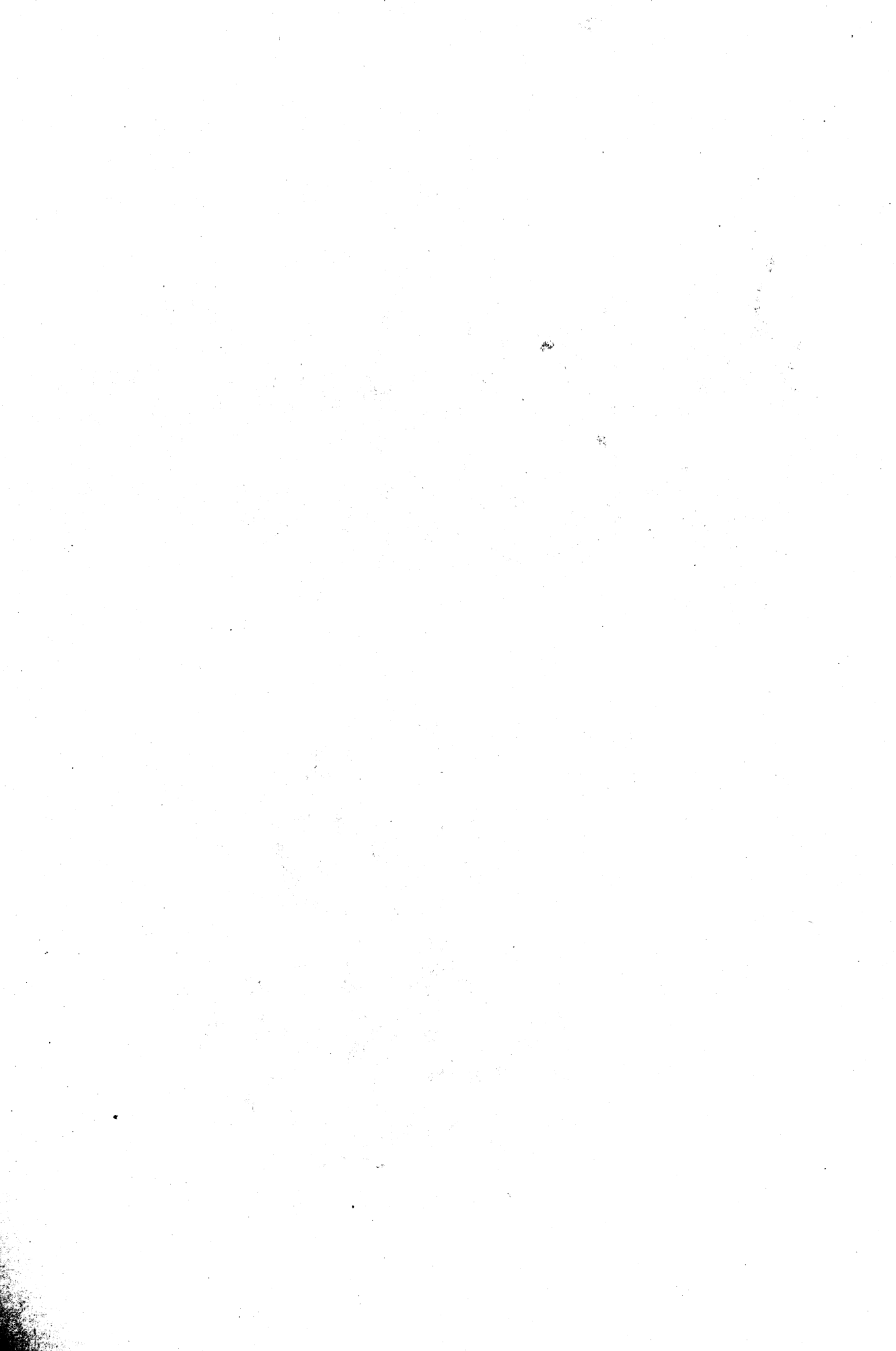
August 30. Yesterday "Pat" Hartwell and I availed ourselves of the excursion from Brookfield to the Dells. Bill took us over to Pewaukee in time to catch the train at 6:25 but it did not arrive until seven. The excursionists were picked up all along the line to Portage making a total of seven car loads. We arrived at Kilbourn at about eleven and immediately loaded ourselves into the two steamers. The scenery along the river was grand, the river having washed itself a course in the sandstone rock, some places to the depth of a hundred feet.

The first stopping place was about two miles up the river at "Cold Water Canyon" which is a ravine made by the water, which, however, does not run there now. After stopping here an hour or so we again boarded the steamers and went about a mile further to "Witch's Gulch". There is still a small stream running in this ravine. At one place there is a cataract about fifteen feet high. It has a pair of stairs over it, so that the water rushes beneath you.

Both these places are very picturesque and are well worth the money necessary to see them. At one place in Cold Water Canyon, where the gulch is very narrow is a jug-like excavation known as the "Devil's Jug".

This part of the Wisconsin River is much obstructed by sandbars, especially so at "Witch's Gulch" where the steamers were stuck several times in coming to and leaving the landing. The train left Kilbourn at about six o'clock arriving at Brookfield at about 10:30. Hartwell and I went on to Milwaukee, "bummed" around the city until 1:30 and then took the train for Waukesha arriving at our homes at about three o'clock. As we had been "on our feet" for 23 hours we were naturally a little tired, "you know".

September 1. Today the game law "is up", as the expression is. I tried my luck at the sport and found it very poor, not the sport, but the luck. I only succeeded in securing one partridge.





Picnic Point



Thomas C. Chamberlin

CHAPTER II

DIARY OF A SOPHOMORE 1887 - 1888

1887 September 7. Wednesday. Am once more in Madison after the vacation of ten weeks which seems to have been very short. I am feeling much better than when I left and am ready for good hard work. The students are now coming fast and I have seen many familiar faces.

Joe Gleason, my fellow High School graduate, and Clarence Hardy of Genesee are attending the University this year. They came at the same time as I did, Monday afternoon. They are rooming together and were lucky enough to find a suitable room the same afternoon. As I wish to room alone I had much harder work in finding a suitable room and did not get settled until this morning. The report is current that the incoming Freshman class will be larger than ever before; consequently, renters have increased the price of rooms. After looking at about twenty rooms I succeeded in getting one at \$1.50 a week. It is at number 511 Francis Street.

September 9. Most of the students are now here, many old faces and many "fresh" ones. We are just getting settled to work. My studies for this term are Rhetoric, Analytic Geometry, Chemistry and German, as a half study. Our teachers are Prof. Frankenburger in Rhetoric, Prof. Van Velzer in Analytic Geometry, Prof. Daniels in Chemistry and Miss Sterling in German.

October 3. One month ago today I came to Madison. How time is passing. The summer season at Waukesha is all over with now. The number of guests has been as many, if not more, than usual. The new "Spring City Hotel", on the site of the old "Mansion House", has met with excellent success.

The real estate boom has continued all summer. The old Fair Grounds Kenilworth Addition is now nearly entirely built up and the buildings on Hadfiel's Additions would constitute a small village. Houses have been going up in every part of the village and improvement is stamped on every corner. The digging of the ditches of the water works has torn up the streets considerably but that is done now and the water works nearly completed.

At Madison we have had much rain for a week or more keeping the streets in a continual puddle.

Instead of drilling this year I have a place of assistant "book-keeper" in the office of the battalion. When the time comes that I have nothing at all to do with drill I will be exceedingly glad. Last Saturday Harry Sheldon, Sam Harding and I went around the east end of Lake Mendota. We took our guns with us but did not capture much game. Harry succeeded in killing one jack-snipe and I succeeded in filling Harry's hat with holes.

Saturday evening a week ago I attended the Y.M.C.A. and Y.W.C.A. reception at Library Hall and had a very enjoyable time.

The question upon which I debated in the Literary Society a week ago Friday evening was, "Should President Cleveland be re-elected?" The jury decided in "our" favor that he should not.

Yesterday morning after breakfast I took a stroll for a mile or two

west of here on the new railroad. At one place men were blasting rock and once two blasts went off simultaneously. The men thought one of them had missed fire but upon examination it was found that both had gone off. It was a very remarkable incident.

1887 October 7. Today has been a holiday on account of the arrival of President and Mrs. Cleveland. What a jubilee day it has been. Beautiful arches were erected at each corner of the Capitol Square and all the city was decorated with flags and colors. Early in the morning the people began to flock into town from all directions and the railroads ran extra trains. The day was a little warm and the streets were somewhat muddy, otherwise everything was very pleasant. The train arrived at one o'clock. There was an immense crowd at the depot and all along the streets. The University Artillery was stationed near the depot and fired a salute upon the arrival. The procession was headed by the Knights of Pythias and followed by the Governor's Guard, the University Battalion and Artillery and the Reedsburg Guards. There were also carriages with the city council and men of note. In the last carriage rode the President, Mrs. Cleveland, Governor Rusk and General Vilas. The procession proceeded from the Northwestern depot to the east end of the Capitol Park, along Pinkney Street and some other streets past the mansions of the Governor and General Vilas, then for a short distance along Langdon Street and back again to the west end of the Capitol Park. Then around by the Park Hotel and into the Park by the southeast gate. There had been a box erected on the east steps of the Capitol. The steps were cleared of people and the Battalion formed a ring at a short distance from the steps to keep the crowd back. The remainder of the procession passed through and the President and party alighted. After the welcome speech by Chief Justice Cole, the President made a short speech to the crowd. He remarked on his intention of staying here a few days, the beauty of the city and cordiality with which the people here received him. They then retired within the Capitol and seated themselves on a platform in the rotunda. Then the Battalion and everyone passed through and shook hands with the fat President.

The President is very corpulent and not at all handsome. He is a good speaker. Mrs. Cleveland is, as the papers have described her, pretty.

At about four o'clock the President, Governor Rusk and General Vilas drove to the Fair which was just drawing to a close. The number of people in the city was variously estimated from 15,000 to 40,000. At the time of the President's speech the east end of the Park was packed full.

On his trip the President has visited Cincinnati, St. Louis, Chicago, Milwaukee and other large cities.

October 9. Sunday. It has rained nearly every night for the past week thus keeping the streets in continual mud. The President went fishing yesterday in Lake Mendota and it is reported that he caught ten fish. There was a general reception held at General Vilas' house last evening.

October 15. Yesterday there was a game of foot-ball on the lower campus between an eleven picked from the Sophomores and Freshmen and one picked from the Seniors and Juniors. We played for two hours but neither side got game. The lower classmen, however, got four points by "put-downs".

This evening the Junior Party was held at Library Hall. This was the party of the season among the students. There was a goodly number present

and all seemed to enjoy themselves.

1887 October 26. Col. Breckenridge, of the U.S. Army, was here today to inspect the University Battalion. He expressed himself well pleased with the appearance of the battalion, and with the alertness and the exactness with which the cadets performed the military exercises. The battalion consists of three companies, the officers of which are students, except of course the commanding officer, Col. Lomia, of the U.S. Army, who is appointed here by the government for the special purpose of carrying on the Military Department of the University. The drill hours are from 4 to 5:30 p.m. every day for the fall and spring terms. All men, or rather boys, of the Freshman and Sophomore classes are obliged to drill. Military drill is obligatory upon the University as one of the conditions of a land grant by the U. S. Government. As may be supposed, drill is not held very highly in the estimation of those who are obliged to participate in it, and the uppermost question in most boys' minds, during their first two years of attendance at the University is, How can I get out of drill? Of course, the only excuse for exemption from drill is physical disability. This is a great temptation for the boys to have something the matter with them, and to invent some means of getting the required doctor's certificate. A story is told of two boys, who, a number of years ago, sat up all night, in a close room, smoking a box of cigars. As they were not habitual smokers their condition on the next morning can be well imagined. They still had life enough, however, to go to the doctor's office and tell him they had palpitation of the heart, and wished to get certificates exempting them from drill. The doctor made an examination and gave them the certificates.

October 29. Among the new exhibitions at the Milwaukee Exposition this year was a collection of wooden and iron articles made by the students in the Engineering Department of the University. This was a very good representation of the work that can be done in this line at the University. In the engineering department there are four courses, namely: mechanical, civil, mining and metallurgical engineering. Each is a four years course and the time is sufficient to give one a thorough understanding of the particular line of engineering that he wishes to pursue. The requirements for entering this department are a common school education. The studies pursued here are both theoretical and practical. The workshops connected with this department are new and very efficiently furnished. In the mechanical engineering course, work in the shops is required throughout the whole course. This consists of work in wood, iron and other minerals, construction of machines, etc. In the civil engineering course there is not so much shop-work, but the work consists more of surveying, drawing and the study of the construction of bridges, railroads, etc. In the mining and metallurgical courses the study is relative to those particular branches of engineering. Besides the practical work of these courses there is study in higher mathematics, physics, chemistry, elements of machines, etc. The engineering courses have not as many graduates as the classical course, but the engineering courses are becoming more popular and larger numbers are entering them each year. One noticeable fact is that quite a number who enter the classical and scientific courses change to an engineering course within a year or two, while none change from the engineering to the classical courses. The graduates from the engineering courses are scattered in all parts of the United states and many of them hold responsible and lucrative positions.

The past week has been so cold that the only outdoor sport, which could be carried on with pleasure, was foot ball. This game does not receive as

much attention here as at many colleges, although during the last two years considerable interest has been awakened in it, and many hot and interesting games have been played between the classes. Next spring an effort will be made to establish a Foot-ball League Association between the same colleges that the Base ball League exists. These colleges are Beloit College, Northwestern University at Evanston, Ill., Lake Forest Academy at Lake Forest, Ill., Racine College and the University.

The tennis contest at Beloit last Saturday between the Beloit and University teams resulted in a complete victory for the University boys. Lawn tennis is one of the popular games at the University and is participated in by both the boys and the girls.

This morning a Freshman came to the University wearing a silk plug hat and carrying a cane. He did it on a bet with a Sophomore. As may be imagined he went home without either hat or cane, for within ten minutes of his appearance on the hill the plug was keeping the shining rays of the sun from the end of the lightning rod on Library Hall and the cane was gone nobody knows where. Some Seniors did it.

1887 October 30. Yesterday, Sam Harding, Harry Sheldon and myself started at 3:30 a.m. to slay the festive ducks. The morning was bitter cold and we had to walk very briskly to keep warm. We went around University bay to the point north of Picnic Point. We got shelter behind some rocks and waited for the ducks to fly past. The ducks were thick and we had a number of good shots but Sam and Harry did not kill any and I only killed two. We had only two guns. The wind was blowing strong to our shore and when the ducks fell in the water they were washed on shore. We got home at ten.

November 4. The average age of the students at the University is not more than twenty, yet they are mostly hard workers, and give but little time to play and fun. They are still boys, however, and they cannot keep in constant subjection their boyish natures; consequently, there are a few nights of the year when they turn out to give full sway to their animal instincts, to have all the fun and make all the noise they can, even if it be at the expense of someone else. One of these nights was last Monday - Halloween. It was a beautiful evening and the moon was at its full. Soon after supper the small boys were out by the hundreds and no cabbage patch was safe unless the owner watched it with a doublebarrelled shot-gun and a bull dog. In the early part of the evening small groups of students began to assemble in the vicinity of the University; it was evident that there would soon be fun. The first victim was an innocent street-car driver, for what did these roguish students do but get an ice boat, several large blocks of wood, two or three empty barrels, and numerous other articles and pile them in a heap upon the track. The mules on the car were not going so "fast", however, but that the driver had time to stop them and avoid a terrible accident. He soon removed the obstacles, amid the yells and laughter of the crowd, and went on his way swearing eternal vengeance on all students. The crowd had by this time grown to considerable size; it next proceeded to serenade the University girls at Ladies Hall; some even wished to break into the kitchen and get something to eat; but there were too many dangers to this scheme and it was not carried out. After making "night hideous" for a considerable time in the vicinity of Ladies' Hall, and slightly ruffling the temper of another street-car driver, the crowd started for the University farm. Prof. Henry, who lives in the house on the farm, has made himself somewhat unpopular among some of the students

by prohibiting the use of fire-arms on the farm, and by arresting several of the boys for "sampling" some grapes while strolling around the farm one Sunday afternoon. The boys determined to get even with him by having some fun at his expense. The crowd soon arrived at the farm and greeted the inmates with the old national song, "We'll hang Prof. Henry to a sour apple tree." The professor did not make his appearance, however, so this part of the program had to be omitted. The crowd was suddenly seized with a desire to have a ride. Consequently the barns were next investigated; two wagons, two buggies and a hay-rake were procured and the procession returned the same way it came. After arriving at University Hall, the hay-rake and wagons were taken to pieces and hoisted by means of a rope to the balcony of the second story. The two buggies were soon decorating the front porch of Ladies Hall, which had in the meantime been besieged by another party with the cannons from the gymnasium.

In all the boys had a jolly good time which was worth a week of study; there was a great deal of noise and some disturbance created but no damage done. By twelve o'clock silence reigned supreme; and thus had passed another Halloween.

1887 November 5. Today Sam Harding and I tried our luck again at hunting ducks the same place as last Saturday, but our luck was still worse today, as we only got one. One fellow slept all night on the point in order to get the best place in the morning.

Last evening there was a concert at Library Hall for the benefit of the Base-ball Nine; the money will be used to purchase new suits. The attendance was large and the net profits were over a hundred dollars. The entertainment was very good. The participants were E. W. Spencer of Milwaukee, cornetist, Miss Fannie Losey, of LaCrosse, violinist, Miss Anna Gussman and Miss Alice Hoyt, of Madison, and J. D. Rowland, of Racine, singers, the Madison Banjo Club and Leuder's Orchestra.

November 10. The month of October has been one of much disaster and loss of life on Lake Michigan and the other lakes. The loss of the "Vern-On" was a very sad one. During a heavy gale, while in the middle of Lake Michigan, the vessel suddenly sprang a leak, and sank so fast that all went down except 7 or 8 who succeeded in getting on a raft. They floated around for three days and all but one had died of cold and hunger when found by a passing vessel.

November 11. Today has been an anxious one in the city of Chicago. Four of the seven anarchists convicted of killing four policemen on the night of May first, 1885, by the throwing of a bomb were hanged today. They were Parsons, Engel, Spies and Fisher; Schwab and Fielding had their sentences commuted to life imprisonment. Lingg killed himself yesterday by exploding a bomb in his mouth. It blew all the lower part of his face away, but he was conscious for six hours afterwards until a few minutes of his death. Six other bombs were found in his cell about a week ago. His intentions were to blow the side of the jail open on the day of execution. How he got them no one knows. Thus four more poor devils have been legally murdered. What a shame it is that, in this so-called civilized nineteenth century, capital punishment should still exist in some of the states.

November 14. The past two weeks have been a time of considerable trouble at the University. The events have been of such a nature as to

be noticed by many of the newspapers both within and without the state; it is to be regretted, however, that the accounts have been greatly exaggerated and the whole affair so represented as to reflect much discredit on the good name of the University. As in society all great reforms are brought about by slow processes, so here at the University if we hope to see the time when hazing will be done away with, we must expect it to be done by degrees. A few years ago the modes of hazing were, ducking in the lake, filling the hair with mucilage, and other barbarous practices while the only form now recognized at the University is the mock trial, which generally ends in fining the prisoner a peck of peanuts or a clog dance. Wm. Rosenstengel, son of Prof. Rosenstengel, was the intended prisoner in the last hazing trouble. Something of his character may be judged from the fact that he was three times hazed during his attendance at the University. This year he entered as a post-graduate, and this time has made himself particularly obnoxious to the freshman class, by wearing their class colors, attending their class meetings and by many other ways. The class thought the best way to stop these actions was to give him a mock trial, but upon going to his house one night they found that he had been informed of their coming. Mr. Rosenstengel, accordingly, appeared on the front steps with a poker in his hand and defied the crowd. Of course no one dared touch him, but some young freshman who wished to win laurels for his name procured a rope and lassoed young Rosenstengel, who however, immediately cut the rope. He was not dragged around the yard by the neck as many of the newspapers have stated. At this point of the proceedings, two policemen who had been telephoned for, appeared dressed in citizens clothes. They seized a couple of the bystanders, but not knowing that they were officers the boys naturally resisted them. The two captives were taken to the station, however, and the rest of the boys followed to learn the fate of their classmates. Of course no one can blame the police for arresting the boys when called upon, but their subsequent actions were outrageous, for what did they do when the station was full of students but lock the doors and declare all inside arrested. The names of the boys were taken and they were allowed to go, charged to appear the following week. Instead of bringing charges against the two students for resisting officers, the police said if twenty of you will plead guilty to disorderly conduct we will let these two go. This action is understood when it is remembered that an officer gets \$1.25 for every prisoner placed behind the bar. The twenty pleaded guilty as a matter of financial expediency. These proceedings with the police, however, will probably have good effect, as it will teach the boys, that, if they wish to haze anyone, they must do it quietly and not go to his home and make such demonstrations as they did. Prof. Rosenstengel was not at home at the time and his wife and children were much terrified by the demonstration outside. It is much regretted that the boys took such means of trying to get their intended victim and it is hoped that in the future hazing will be either entirely stopped or that more appropriate means will be taken of procuring the intended prisoner. We learn by experience.

1887 November 16. This evening a large audience listened to a lecture at Library Hall by Dr. Parker of London. His subject was "Clocks and Watches", and the lecture was simply grand. To attempt to describe it would be useless. He compared the different parts of a watch and the different kinds of clocks and watches to human life and character. First he would be very humorous and the next minute he would be in dead earnest. He is an orator of the first class and he surely deserves to be called the "Beecher of England".

November 17. Today the President called a meeting of the students

that were concerned in the late hazing scrape. After one of his long "lectures" he came to the point and said that the faculty expected an apology to Prof. Rosenstengel by those concerned in the disturbance. After he was through he proposed that the students sign one of the three forms of apology which he had written out to cover all concerned. The President was asked to retire, however, that the students might first discuss the matter. Most of the students were decidedly adverse to signing any such apology. After a hot discussion of about three-fourths of an hour no settlement was reached and it was decided to leave the matter and call a meeting of all the students Saturday morning at ten o'clock.

1887 November 19. At the beginning of the meeting of the students this morning Prof. Birge appeared and again stated what had been the action of the Faculty and what they thought the students should do in the matter. He stated it in a much plainer way than President Chamberlin. After answering questions and sort of discussing the question with the students he retired leaving them to discuss it among themselves. Another long and hot discussion ensued but more of the students favored some sort of apology than at the first meeting. A resolution was finally passed condemning the actions of the hazers at the time in question. They also passed a resolution condemning the action of the police in seizing students indiscriminately on that night. The meeting then adjourned leaving the students who were directly concerned in the affair to decide what they would do. There were about twenty of these and they decided after a little discussion to send a committee of three to make an apology to Professor and Mrs. Rosenstengel for disturbing their household. The committee discharged its duty in the afternoon and so the matter is all settled.

At the meeting of the Natural History Club this morning Professor Irving gave the first of a series of lectures on the geology of Wisconsin to be given by President Chamberlin, and Professors Irving and Van Hise.

It snowed hard last night and today; the first good snow storm this season.

November 20. Sunday. Joe Gleason and I walked around Lake Monona last Sunday. It was fine weather and nice walking but we got lost in a swamp when about half way around and it became dark before we could find our way out. Happily, though we met a couple of boys who had been hunting; they put us on the right track and we succeeded in getting home just too late for supper. I studied most of the time today.

November 23. It has been cold for a few days so that Monona Lake Bay by the St. Paul depot is frozen over and the boys are skating. I expect to go tomorrow.

November 24. Thanksgiving. Joe Gleason and Sam Harding have gone home. A large number of the other students have gone home also. Was I ever more disappointed and disgusted with the weather; it snowed all last night and all today, thus spoiling all our skating. I have done nothing but stay in the house all day. We had a good dinner at the club.

November 26. Studied in the Library most of the day, looking up for a debate on the silver coinage question. Quite warm today.

November 28. Very cold today; thermometer reported to have been from 15° to 26° below zero early this morning. When I looked at 7:30 a.m. it

was 12° below. This is pretty brisk beginning for old winter. There was a dense cloud of vapor hanging over Lake Mendota this morning. I expect it will be all frozen over by tomorrow morning.

On the 21st Barnum's great circus was burned at its winter quarters at Bridgeport, Conn. It was in a large building and the fire spread so rapidly that nothing could be saved. The tents, trained horses, wild animals and everything were burned, except a few elephants and lions which broke loose. One lion was found in a barn afterwards devouring a cow. The loss is about \$700,000 with only \$100,000 insurance. Barnum will start another.

On the 26th the Prohibitionists, who were successful in Atlanta two years ago lost the city by 1,000 votes.

1887 November 29. Today and yesterday were too cold for drill. Lake Mendota is frozen over and safe for some distance out. I was skating this afternoon and the ice was immense.

December 2. Prof. Van Velzer gave us a "horrible" lesson in Conic Sections for today. Seven long examples to be worked out on paper. It took me last night from 7 to 1:30 to do them. I hope he will not often get such freaks.

December 3. The weather has turned warm again and it has been raining all day. The Natural History Club met this morning and received the second lecture from Prof. Irving on the geology of Wisconsin. He lectured on the old rock formations.

There was a large crowd this evening at the Sophomore Party.

December 6. The President's letter to Congress was almost wholly devoted to the surplus and the tariff. He says that Congress must do something to reduce the revenue or else the surplus in the treasury will become so large as to produce a financial panic. He advocates a great reduction of the tariff thus committing himself and party to free trade. This is good. I am glad the Democrats have come off the fence and are willing to fight the Republicans on this ground. They will get there, too.

December 8. Mr. Blaine, who is in Paris, has severely criticised President Cleveland's message. The Republicans are exceedingly jubilant over Cleveland's message, and they are willing to fight the Democrats on the ground of free trade and protection. Congress has not got to work yet; it will take till Christmas to arrange the committees.

December 9. I went skating on Third Lake this afternoon. The ice is several inches thick and perfectly safe all over the lake, while on Fourth Lake there is not a bit of ice; strange. There were two or three hundred skating today. Among them I met my old schoolmate, Ed. Hale, who is attending the Law School.

December 16. The second college rhetorical were held today at four o'clock. The Senior, Junior, Sophomore and Freshman classes were represented respectively by Mr. Blatz, Miss Waldo, Miss Cutter and Mr. Donovan. Blatz' oration was good but his style of delivery was somewhat affected. It was rather long and he too often came to a climax. His subject was "Othello". Miss Waldo's, "The Needs of Our University", was written and delivered with a great deal of fervor, but many of her statements were

exaggerated. The essay by Miss Cutter entitled, "Holidays" was only fair. Donovan's declamation was delivered about the best of any I ever heard. Donovan has a good voice and he is a very promising young speaker. He is a member of Hesperia. To conclude the exercises, President Chamberlin made a few remarks, but the majority of the students did not think much of them. President Chamberlin does not seem to understand students' natures and every time he has come before them he has made a regular botch of it. Today he read a whole lot of figures comparing the number of students this year and last and the increase or decrease in the different courses. He might have said all that was of any importance in a very few words instead of spending half an hour on a whole lot of figures of no importance. He does not make the president that John Bascom did.

This evening occurred the Sophomore Semi-Public of the Athenian Society. I thought it better than any of the Semi-Publics last year; the program was successful in every particular. The president's address by E. E. Couch was appropriate for the occasion. The essay, "College Amusements" by D. E. Kiser, was somewhat comical and took well with the audience. The oration, "Our Foreign Policy", by D. E. Webster was, I thought, the poorest part of the program. The debate was interesting and close all through. The question was; "Conceding the constitutionality, was the passage of the interstate commerce act to the best interests of the people of this country." The affirmative was upheld by S. Swanson and F. E. McGovern, the negative by G. R. Whitman and E. K. Thomas. The negative had the hardest side, but they brought out their objections in good style and also proposed a system of legalized pooling. I thought that Swanson had the best written debate although it was not delivered quite so forcibly as Whitman's. The judges gave their decision to the affirmative. The exercises were concluded by a toast from R. B. Green. It abounded with humor and stale college jokes, and together with his comical manner of delivery brought forth merited applause from the audience.

1887 December 17. This morning the Natural History Club received the third lecture from Prof. Irving on the geology of Wisconsin. He lectured on "Paleozoic Rocks".

This evening the Musin Concert Company gave the second number of the University Lecture Course. The pianist, Carlos Sabino was very good but the two singers were nothing remarkable. The violin playing by Mons. Musin beat everything I ever heard before. He played one piece with only the "G" string but it was much better than most violinists can play with all the strings. As a violinist Mons. Musin is said to have no peer in the world. He was born in Belgium and took the first prize at a violin contest when but thirteen years old.

December 20. Tuesday. Well; this term is ended. My examinations passed off smoothly so I expect to get through all right. There has been lots of hard work for me this term but I feel satisfied with what I have done. I am going to hear a dramatic reading at the Congregational Church tonight and then go home on the 11:30 train.

1888 January 7. Saturday. Well; here I am back at Madison again, the vacation is gone, and the winter term commenced. It turned quite cold immediately after I got home, thus freezing up the snow and slush that had formed the day before. There were several zero days during the vacation and one as low as 14° below, but the last three days before today were quite mild and the snow has melted a little. There were several large snow-storms

during the holidays so that now there is about eighteen inches of snow. The sleighing has been very good. I found father and mother alone at home and as well as usual. The appearance of the old home is somewhat changed by a sidewalk the whole length of James Street and a new house, built by a man by the name of Cook, on the lot which father sold to Mike Hughes.

I visited the old school Friday afternoon December 28 but it does not look like old times there; the building is changed and there are not half a dozen faces in the whole school that I know.

The day before Christmas Fred and I went hunting but met with but poor success; we only saw two rabbits, three partridges and a squirrel and did not succeed in getting the last until we had expended five charges on him. The hunting around Waukesha is entirely played out. I think we will have to go out to Oregon where Bill is to get some decent hunting. I spent Christmas at home. Fred and Mabel were down and took dinner with us; we had one of mother's English plum-puddings. There is nothing like a good Christmas dinner.

I spent most of my vacation sleigh riding and reading. I read Cooper's "Deerslayer" and "Pilot". I like Cooper's novels the best of any I have ever read. Last Wednesday morning I spent looking over the car shops at Waukesha. They are in full running order now and it is very interesting to watch the work. They had about a dozen old engines in the shops to be repaired.

1888 January 8. It has been a magnificent day, cold but bright. I took a long walk this afternoon; examined the depot for the new railroad and walked way around by the Fuller and Johnson Manufacturing Company. I went about five miles in all.

January 10. I have my studies arranged at last; never had so much trouble before. They are: Differential Calculus 1, Chemistry 1, German 3/5, Surveying 2/5, Drawing and shop work 1. Shop work is two hours daily and drawing one. The class in German recites every day of the week but on account of surveying twice a week at the same hour I go to the German only three times a week. We are reading Goethe's "Iphigenia auf Tauris". It is a drama and is pretty difficult to read.

January 12. There has been a heavy snow-storm, but notwithstanding there was a good sized audience at Library Hall tonight to listen to the third number of the University Lecture Course, a lecture by Wong Chin Foo, the Chinese graduate of Yale College. His speaking seemed to be extemporaneous; although it was, I suppose, as good as could be expected from a Chinaman, yet I think if he is a graduate of Yale he might at least have prepared his lecture in proper English and have learned it. No one knows what the subject of his lecture was, but he started by giving some of his reasons for not accepting the Christian religion, then spoke of some of the customs and habits of the Chinese and wound up by making a good many criticisms of the Americans and their institutions. Although many of his criticisms were just yet I think he would have made much more success if he had confined his lecture to China and the Chinese as was advertised.

January 13. This evening occurred our (Hesperia) Sophomore Semi-Public. It was a success in every way, and some of the Seniors say it was the best one they have ever heard. The debate was animated and interesting throughout. The judges decided in favor of the negative and I think they

won it. Donahue's debate was the best; his style was quite joint-debate like, and he was vigorously applauded. Baker's poem was very good. He is the same fellow that roomed with Ward at Tracy's last year. Last summer vacation he wrote a book of poems and has published an edition of five hundred in order to raise money to continue his college course. His book is entitled "Vacation Thoughts". Of course the poems are not such as we should expect from a Byron or a Longfellow, but they are good enough for a beginner. He sold his book at a dollar, so I suppose he has realized a handsome profit from them. His roommate, Ward, has not returned to the University this year. He is working in a bookstore in Kenosha. Perhaps fifty years from now I will read over the Diary and wonder where these old friends are gone. I am glad the Semi-Public is over. I can put much more time on my studies now. (The recorder very modestly failed to mention his part in the program. He was the orator of the evening and the subject of the oration was, "Immigration Problem". One reporter stated that he handled this intricate subject very ably.)

1888 January 15. Sunday. Rather cool today. 28° below zero at 8 o'clock.

January 20. This evening a large audience at Library Hall listened to a lecture by George W. Bain of Kentucky. He is a great temperance lecturer and he said he felt like apologizing whenever he spoke on any other subject. His subject was, "Among the Masses" in which he took up different traits of human character and interspersed it with many humorous stories. His style of delivery was fine which made his lecture doubly interesting. He used a great many metaphors and some of them were simply grand. In the course of his lecture he said that he thought recklessness in marriage and politics were the two greatest evils next to intemperance.

January 21. Saturday. Well! Well!! Well!!! this week has been a "corker", several times more than 20° below and this morning 38° below zero. I saw it with my own eyes. It was 35° below by the standard thermometer at the observatory.

This morning Prof. Irving gave the last of his lectures on the geology of Wisconsin. He has traced the history of the rocks from the lowest to the Glacial Period. The lectures will be continued from that point by Pres. Chamberlin.

This afternoon I attended a meeting of the "Bildungsverein". They had an address by Prof. Rosenstengel and a debate on the silver coinage question. I did not understand enough of it to warrant my going again.

January 26. This evening a large audience attended the last lecture of the "Peoples Lecture Course" by Richard Procter, the astronomer. The lecture was very interesting. It was illustrated throughout by pictures thrown on a screen with a magic lantern. He first gave some pictures illustrating the relative sizes of some of the most familiar planets, the Earth, Moon, Jupiter, Mars, the Sun, etc. He then traced the life of a planet from the gaseous or babyhood stage through its childhood, maturity, decline and death. The Sun is in babyhood, the Earth in mid life and the moon is dead. The pictures were very fine.

January 31. Dr. Asa Gray, the distinguished botanist, died yesterday at the age of 77. He has been professor of botany at Harvard for over forty years.

1888 February 3. Tonight occurred the twelfth Joint Debate between Athena and Hesperia and Athena was again successful, being the sixth time in succession. The question was, "Do labor organizations promote the well-being of society in the United States". The debaters for Athena were W. F. Jones, J. H. Feeney and F. A. Geiger, for Hesperia J. S. Roeseler, E. E. Brossard and A. H. Reid. Athena had the best side of the question and besides our boys were somewhat inconsistent. They tried to include the labor party, the socialists, anarchists, etc. under the head of labor organizations. Jones' and Feeney's debates were not so very good, but Geiger, the closing man for Athena, made a magnificent debate. His voice is weak but he more than makes up for it in his style and gestures. His gestures are the most forcible possible. There is a certain originality of his style which is very telling in a debate. With the exception of a few inconsistencies Hesperia's men had fine debates. Reid's was logical, forcible and oratorical. On the whole I do not think this joint debate was as good as last years. Hesperians are beginning to despair of ever winning again.

February 4. This morning Pres. Chamberlin gave to Natural History Club the first of a series of lectures on the geology of Wisconsin. The lecture was very interesting. He took up the history where Prof. Irving had left it, at the beginning of the Glacial Period. His lecture was mostly on the nature of glaciers and the different theories for their existence in North America.

The weather has been quite warm this week, melting some snow each day. One or two nights the thermometer did not fall below freezing.

February 7. Snowed a little last night. I have been obliged to drop drawing as I have enough work without it. Prof. Van Velzer has been sick for two days so that his classes are having a vacation. Prof. Allen has been sick ever since Xmas and it is not likely he will be back this term.

February 10. Inter-Frat party tonight at Library Hall. Pretty fly affair. There were many fine costumes among the ladies. Sam Harding was there with Miss Waldo. Pres. Chamberlin and wife and a number of the Professors and their wives were there. (This is inserted chiefly on account of the slang expression which one never hears now-a-days.)

February 17. Semi-examination in Calculus today. The fifth number of the U.W. Lecture Course was filled by Bill Nye this evening. His rambling talk was like his writings, a lot of puns and stale jokes. He managed to make his audience laugh considerably, but take it all in all, I think it was rather a poor apology for a lecture. The house was crowded.

February 18. This morning Pres. Chamberlin gave his second lecture on the glacial epoch of Wisconsin.

Today is one that has been anxiously looked forward to ever since the destructive fire of December 1884. New Science Hall is about completed and the professors that are to occupy it are moving today. At the time of the burning of the old Science Hall the professors of the sciences were obliged to accommodate themselves the best they could in the two dormitories, but the construction of the new building has been so slow that some of them began to despair of ever getting into commodious quarters again. However, the day has at last come.

The plan of the new building is a main central portion, two hundred and five feet front, and a wing at each end extending one hundred and twenty-six feet. It consists of a basement, nearly entirely above ground, and three stories with a tower in the middle, making a fourth and fifth story for that portion. The basement is of granite from Berlin, Wis., and the superstructure is of red brick. It has been built as solidly and permanently as possible. The supports of the floors and the roof are of iron; the roof is covered with hollow tiling and slate; the walls and ceiling of the rooms are of hollow tiling so there is no lath and plaster in the whole building, except in one room on the fourth floor, which is intended for an art gallery. The stairs are of iron and slate and the only wood used in the building is in the windows, doors and floors, which last are laid on a base of cement and otherwise separated from the rooms below by hollow tiling. Thus, the whole building is fire-proof and it will serve its purpose to us and many generations to come, for the only things that can destroy it would be an earthquake or a hurricane. It is a building of which the people of Wisconsin may well be proud. Although it appears an immense structure, yet there is not an inch more room than is needed. The south half of the first floor is devoted to the department of physics, while in the north half is the drawing room for the engineering students and the recitation rooms and the private offices for the professors of engineering. The entire second floor is occupied by the department of geology and mineralogy. The entire south wing is one room and will be used as a museum for geological and mineralogical specimens. The rest is divided into laboratories, recitation rooms and offices.

The third floor is occupied by the department of zoology and botany. The entire south wing as of the second floor will be used as a museum for zoological specimens. As stated before, the room on the fourth floor will be used as an art gallery and the one on the fifth floor for spectrum analysis. The \$50,000 appropriated by the legislature to replace the apparatus and cabinets destroyed by the fire, will now be expended and we may soon expect to see the new building fitted out even more completely than the old one.

Last Sunday and Monday there was a good deal of talk and fun over a little event that occurred Friday night. A couple of sleigh-loads of students and their lady friends went to Middleton, a little town ~~twelve~~ miles from here, to have a dance. At about eleven o'clock when they were busy tripping the light toe, someone, nobody is supposed to know who, entered the barn, hitched the horses and drove them back to Madison. Some consider it a good practical joke, others a mean trick. At any rate, the dancers were obliged to stay at the hall all night and get home the next day the best they could. They claim, however, that the fiddles were stopped at twelve o'clock and they merely marched around the room the rest of the night to pass away time. They threaten to arrest the "thieves" for horse stealing, if they can find them.

Professors Birge, Irving, Van Hise, Bull and Hoskins are moving into Science Hall today.

1888 February 29. This is the day that comes but once in four years. Four years ago I was in the B Class at the Waukesha Union School; today I am in the Sophomore Class at the University; where will I be four years from today.

March 9. At 8:30 o'clock this morning Emperor William died. He was

taken with a slight cold about a week ago. It went to his lungs and on account of his great age took him off. He would have been 91 years old on March 22. He has been in a failing condition for a year or more and his death was not unexpected. He entered the army at the age of ten, and was a captain in a battle at seventeen. He was in the army for sixty years, won great distinction, and the highest position in the army. He became King of Prussia upon the death of his brother in 1860. Upon his victorious return from Paris in 1871 at the time of the Franco-Prussian War he was crowned Emperor of United Germany. During his reign of seventeen years he has united the squabbling German Provinces much closer to each other, and won the good will of all his people. His wife is still living.

The new Emperor, Frederick III, is in a very critical condition. For the past six or eight months he has been seriously troubled with a cancer in the throat similar to that with which General Grant died. He has been spending the winter at San Remo, Italy. He has started for Berlin to take the throne but his condition is very critical, his disease is probably fatal and he may not even survive the journey. He is much liked by the German people and would probably make an excellent ruler. He is fifty-eight years old. His wife is the eldest daughter of Queen Victoria. The crown prince is a man of twenty-four years but as yet has not shown himself to be much of a fellow.

1888 March 15. The dead Emperor was buried today. On account of the coldness of the weather Emperor Frederick was not allowed to attend the funeral.

The "Badger" published by the Junior Class came out yesterday.

March 16. At a meeting of the Sophomore Class today a board of twelve editors were elected for next year's annual. They are, W. Brunder, E. E. Browne, H. Brown, A. Bruce, C. B. Bird, J. Decker, Misses Graham, Winston and Wegg, W. M. Smith, Green and S. D. Townley.

March 23. The annual sophomore essay contest occurred today at Library Hall. There were six contestants: Miss Graham, Miss Wegg, Phelps, Bruce, W. M. Smith and Rowley. The first prize, a set of Dickens' Works, was awarded to Phelps; the second prize, a picture, to Smith. The subject of Phelps' essay was "Old Clothes", of Smith's, "College Independence". Bruce's essay was entitled "Adam and Eve". It abounded in humor and the prevailing opinion is that he should have had first prize. The other essays were also good.

Had an examination in German this morning, very easy. We will have no ex. in chemistry or surveying. Weather has been pretty cool for three or four days. Chief Justice Waite of the Supreme Court of the U. S. died at 6:30 o'clock this morning in his 72nd year.

March 26. Raining a little today. Ex. in calculus this morning, another tomorrow. Will go home at 11:25 tomorrow night.

This has been a hard term's work for me; scarcely a night have I been to bed before 12 o'clock.

April 10. Today is my 21st birthday. How time does fly - the youngest of seven is now twenty-one years old. Al must be getting quite old, 37. How distinctly do I remember the day I was four years old. We were going

to have a rhubarb pie for dinner but it stormed so that Papa could not get out to pick the rhubarb. The old willow tree by the house was so covered with ice that it bent onto the kitchen roof. Bill and I played store in the southeast corner of the dining room. Bill kept store and I was the customer. After getting tired of this I remember playing with my old doll, Sally. I pulled all her clothes off and had to get Bill to put them on again. That was the day of the great storm on the ocean when Ma and Mabel were coming back from England. I well remember the day, too, when they reached home. I was watching out of the north window and saw them come around the corner at Chamberlain's and when they came in the house I did not know Ma and hid behind Al's dress. My fourth birthday is the only one I have any recollection of. While home I received a nice gold chain as a birthday present from Mother. Today is also the birthday of my friend, W. N. Parker, who rooms in this house. He is 19.

1888 April 15. Sunday. My studies for this term are Integral Calculus 1, Surveying 1, Astronomy 1, and Quaternions 2/5. Most of our surveying for the balance of the term will be field work. I think that will suit me very nicely. Drill commenced last Monday, everything about as usual. I work in the office again this term. There are about a hundred and fifty in the battalion.

The sidewalks leading to the University are getting to be abominable. At one place the boards were so loose that it was dangerous to walk on them, so last Wednesday evening a number of students, supposed to have been them, took up about ten rods of the worst part of the sidewalk, piled it up on the campus and burned it. It did not do much good as the walk has been mended with some old boards from around Science Hall so that although it is somewhat better walking, it looks much worse than before. I hope we may have some new sidewalks before next fall.

At a recent meeting of the Regents the system of general honors was abolished so that after this year honors will be given only in special studies. To take the place of the general honors, eight fellowships were established to be paid for from the general fund of the University. The fellowships are \$400 each and four are to be granted to members of each graduating class and renewed at the end of one year if wished. This is a step in the right direction. The students receiving them will be obliged to teach one hour a day and devote the remainder of their time to post-graduate studies.

This morning I took a walk about the University Farm. The air was delightful. In the afternoon I took another walk to the eastern part of the city. The ice is nearly all gone from Lake Mendota. There was a south wind blowing this morning and the ice had all blown to the north shore. About 11 o'clock the wind shifted to the northwest and blew it all back to the north shore. I hope it all will be gone in a few days, as it will never be decently warm here until it is melted. The weather for the past few days has been fine but cool with a little rain.

There has been quite a commotion in the German Court the past week on account of the proposed marriage between Princess Victoria, daughter of Emperor Frederick, and Prince of Battenburg, an ally of Austria. It is thought that the proposed marriage would bring to a climax the war-like relations between Germany and Russia. Prince Bismark threatened to resign if the marriage took place, consequently, it has been postponed.

There has been a deadlock in the House of Representatives which resulted

in a continuous session from April 2 to April 12. The trouble was over the "Direct Tax Bill" which would refund sums, ranging from \$3,000 to Dakota to \$2,000,000 to Pennsylvania, to most of the northern states, which money was paid as direct taxes during the war. The bill was favored by the Republicans and most of the northern Democrats but the southern Democrats were strongly opposed to it. As the Republicans are in the minority they could not carry the bill alone, but the northern Democrats did not wish a split in their party, hence the deadlock, in hopes of bringing the southern members to terms. It was finally settled in a Democratic caucus where it was agreed to postpone the bill till next December. What a lot of time is thus wasted. Why doesn't every man vote the way he thinks best and let party connections go to the devil.

1888 April 16. The ice is all gone in the lake now.

April 18. On April 15 occurred the sudden death of Matthew Arnold who ranked among England's greatest critics and authors. He was in Liverpool awaiting the arrival of his daughter from America. While walking on the street he suddenly fell forward. He was taken into a neighboring house and died in a few minutes. His trouble was heart disease. His daughter arrived five hours after his death. He was born December 24, 1822.

April 20. This evening occurred the Sophomore Semi-Public of Adelpian Society. J. C. McMynn was President of the evening. The essay, "University Needs" by L. Durand was not worthy of special comment. The oration, "Junius", by C. M. Mayers was good, much better than I expected. The question of debate was, "Should there be government interference with the accumulation of wealth on the part of individuals and corporations". The debate was supported on the affirmative by Rowley and Wooton, on the negative by Cassoday and Campbell. I think it was the poorest Semi-Public debate I have heard, although Wooton had a good debate and delivered it in excellent manner. The toast by F. Collins was in imitation of a German visiting the University. It was a new departure by way of a toast, but was well received.

April 21. This evening the Freshmen had their party at Library Hall. Games were provided in the Library for those who did not dance. The party was largely attended and to all appearances much enjoyed. Quite a commotion was produced by someone in the gallery throwing a rooster among the dancers.

April 27. This evening the Castalian and Laurean Societies held a joint session at Library Hall. The question for discussion, not debate, was: "Is the 'Natural Method' the best way of teaching languages". Discussed on the affirmative by Miss Hoffman of Laurea and Miss Winston of Castalia, on the negative by Miss Austin of Castalia and Miss Flesh of Laurea. The question was ably discussed by both sides and it would be hard to say which brought forth the most and strongest arguments. I don't see any reason for strictly following either method in teaching a language and should think the best result could be obtained by a combination of both methods. The other parts of the program were instrumental and vocal music, a declamation by Miss Johnson of Laurea, an oration by Miss Saveland of Castalia and a toast by Miss Graham of Laurea. The president of the evening was Miss McMynn of Laurea. This is the first time the ladies have held such a session.

April 29. Yesterday morning occurred a game of ball on the lower

campus between the Freshmen and Sophomore nines, which resulted in a victory for the Freshmen with a score of 28 to 27. I caught the first four innings for the Sophomore nine but got my hands banged up and had to quit.

J. H. Feeney, a University student, was elected alderman from the fifth ward last week.

1888 April 30. The rain storm this morning turned into a snow storm about noon and continued all afternoon. The game of ball which was to have occurred here this afternoon between the Racine and U.W. nines has been postponed to June 16.

May 3. Drill will be held only four days of the week for the remainder of the term. Col. Lomia has been sick for a couple of days and his place has been taken by Adjutant Rietbrock. A short time before drill about twenty juniors came strolling up the campus. A couple of them happened in the office and took a drum and fife and then they all marched to the "gym", armed themselves with guns and then drilled on the campus for about fifteen minutes. They returned the guns, however, before drill time. They afterwards stole the flag and marched around with that for a while.

At five o'clock the seniors held a class meeting in South Chapel. The crowd of juniors which had gathered on the campus tried to break up the meeting. After being repulsed at the door they tried to get in one of the windows but succeeded only in breaking three or four panes of glass.

May 5. The game of ball today at Beloit between the Beloit and U.W. nines resulted 20 to 13 in favor of the Beloits. They defeated the Racine nine, also, a week ago. They have made a good start for the championship. Perhaps the U.W. boys will wake up now and do some better work. Today has been quite warm, the rest of the week has been miserably cold.

A man by the name of Fuller from Chicago has been appointed by President Cleveland to fill the vacancy of the Chief-Justiceship of the United States caused by the death of Chief Justice Waite. Fuller's appointment has not been confirmed by the senate yet.

May 10. The base ball nine started on their trip today. They go to Chicago today to see a game between the Chicago and New York clubs. They will play a game at Evanston tomorrow, at Lake Forest Saturday and Racine Monday.

May 12. The Aegis Association met yesterday to elect a board of editors for next year. The election went off without much trouble but the meeting was a very noisy one. The seniors acted like a lot of little boys. The result of the election was as follows: President of Association, Schaffer; secretary, Ostenfeldt; business manager, C. B. Bird; assistant business manager, G. G. Armstrong. The editors are: managing, F. E. McGovern, J. J. Schindler; general, W. Luehr, E. E. Browne, B. C. Parkinson, W. M. Smith, A. A. Bruce; local, W. J. Quale, J. L. Thatcher, Miss Nettie Smith; personal, F. Stearns, Miss Hoffman; college news, R. B. McCoy; literary, S. D. Townley. The athletic editorship was abolished as useless. The work can just as well be done by the local editors. Some of the editors were not elected yesterday, the the business was finished at an adjourned meeting at 9 o'clock this morning.

Athena elected their joint debate team last evening for next year.

It is Schindler, Stearns and Whitton. Adelpia had asked the members of her team to resign. They propose to elect a new team.

In Hesperia last evening we elected officers for the last half of the term. They are; president, Roesler; vice-president, F. G. Kaege; secretary, E. E. Browne; censor, Brossard; assistant censor, R. B. Hart.

Smith and I were surveying today, but it was so cold we could hardly handle our instrument. It has been cold for the whole week and rained nearly every day. I believe there must have been a frost last night, but I didn't get up early enough to see it.

1888 May 13. Sunday. Cold. The game of ball at Lake Forest yesterday resulted in a score of 8 to 3 in favor of the U. W. The game between the Racines and Beloit at Racine resulted 6 to 4 in favor of Beloit. This is the second time Beloit has vanquished Racine.

We had an examination in Astronomy on Friday.

May 14. The game of ball at Racine today between the Racines and the U. W.'s resulted 9 to 6 in favor of Racine. Williams pitched today and last Saturday also. Weisbrod, our new pitcher, did such poor work at the game with Beloit that he has been dropped.

May 16. The game at Evanston today between the Evanston's and U.W.'s resulted 6 to 0 in favor of our boys.

May 18. L. S. Smith and I surveyed four hours this afternoon. We are through measuring the angles between the different buildings and have commenced finding the levels of the buildings with reference to a bench mark on the sill of the most easterly window of the south side of Science Hall. We use a Dumpey Level.

May 19. This morning Professor Stearns gave a lecture on the "Argentine Republic", before the Natural History Club. He speaks in a very pleasing and interesting manner. He told something of the government and advancement of the country, but spoke chiefly upon the aspect of the pampas, the people and animals that live upon them.

May 20. Sunday. Beautiful day. Hill and I took a walk to the Wisconsin Fish Hatchery this afternoon. It is a pleasant walk being about four miles south of Madison. There are a great many fish there, mostly trout, in all stages of growth from the egg to great big fellows two feet long. We saw some that were just hatching, and queer looking things they are when they first begin to move about. There were a few nice gold and silver fish. There are two buildings where the hatching is done and about a dozen ponds outside to keep the fish in. The fishery is situated on the edge of a marsh and the water is supplied from several springs.

May 21. The game of ball at the fair grounds this afternoon between the Evanstons and the U. W.'s was the most interesting and exciting game I ever saw. The score at the end of the 8th inning was 5 to 4 in favor of the Evanstons. The U.W. came to bat the first half of the 9th and tied the score. The Evanstons failed to score, making another inning necessary. In the 10th our boys scored two more runs, but the visitors again went out in one, two, three order, thus giving the game to the University. There were a number of errors on both sides, but the visitors played a better fielding

game than our boys; the game was won, however, by Williams' excellent pitching. He struck out fourteen men. There was a large crowd to witness the game. The Evanstons have a good mine. They beat Beloit last Saturday by a score of 2 to 3.

1888 May 23. The prohibition state convention is in session at the capitol. Ex-President Bascom arrived on the six o'clock train and delivered a speech in the Assembly Chamber this evening. The students gave him an enthusiastic greeting at the depot and then, headed by the U.W. Band, escorted him to Mr. Olin's house. The Assembly Chamber this evening was jam full and nearly a thousand more could not obtain admittance. Dr. Bascom's speech was more of a philosophical lecture on political parties than a stump speech. The prohibitionists are enthusiastic over the large crowd at the meeting, but I think it was more the man than the cause that brought the crowd.

May 27. Sunday. Upon the invitation of the University Christian Associations, Dr. Bascom preached at Library Hall this afternoon. It seemed very natural to hear him preach again. His subject was "Life". I think it the greatest sermon I ever heard. The hall was crowded.

May 30. Decoration Day. The battalion was to have gone downtown today to take part in the ceremonies, but as usual rain prevented. It commenced to rain just as I started for the gymnasium.

May 31. Last Sunday morning Professor Irving had a stroke of paralysis. His entire left side was paralyzed. He continued to decline until early yesterday morning when he died. This leaves vacant the professorship of geology in the University. Prof. Irving filled the position for eighteen years, although he was but 41 years old at the time of his death. He was born in New York and educated at Columbia. Besides holding the professorship he has for several years been prominently connected with the United States Geodetic Survey. He has a world wide reputation as a geologist. He was also the author of several books. His death is attributed to overwork. Professor Irving's father was a nephew of the great Washington Irving. His body was taken to New York to be buried with the other members of the Irving family. His death is a great loss to the University.

No classes were held today.

June 1. College rhetorical today, at which three scenes from Othello were played by members of Prof. Frankenburger's Shakespeare class.

June 2. Last evening at the election of officers of Hesperia for the first half of next fall term I was elected vice-president. The second game between the Freshmen and Sophomore base-ball nines was played on the lower campus this morning. The game was a very good one as there were not more than half a dozen errors altogether. The game was as close and exciting as the last one we played. The score was seven to eight in favor of the Sophomores. I played first base.

June 3. Sunday. Magnificent day. I walked around Lake Monona today. Started at 8:20, walked leisurely and got back at 12:45. Very nice walk.

June 4. The ball game at the Fair Grounds today was a regular farce. The regular pitcher for the Lake Forest nine was laid up with a sore arm. They tried three other pitchers but they were all batted freely. Only

eight innings were played, and the score then was 25 to 3 in favor of the U.W. nine.

1888 June 8. The Democrats have been having a great time at St. Louis this week. The red bandana is their emblem. After the organization of the convention and the election of Patrick Collins of Boston as permanent chairman, Mr. Daugherty of New York nominated Grover Cleveland for president on June 6. The convention was in a continuous uproar for twenty minutes. After the second of the nomination the convention unanimously voted by acclamation that Grover Cleveland be the Democratic nominee for President of the United States.

On the following day A. G. Thurman of Ohio was chosen as the nominee for vice-president. The other candidates for the office of vice-president were Isaac Grey of Indiana and Black of Colorado. It is my opinion that the Republicans will have hard work to find a team with which to beat the Democrats. The platform adopted was the same as that of 1884. The "Mills Tariff Bill" was endorsed.

Junior Exhibition tonight, very warm, big crowd, excellent orations. The societies were represented as follows: Hesperia, J. H. Rowers; Laurea, Miss Flora Waldo; Adelpia, W. R. Smith; Castalia, Miss Nettie Smith; Athena, A. E. Buckmaster. The prize, a set of Irving's Works given by Oleson and Verhusen, was awarded to W. R. Smith. Nearly everyone seems to be satisfied with the decision. Both his oration and delivery were excellent. Powers' oration was written fully as well if not better than Smith's, but his delivery was not nearly so good. The subject of Smith's oration was, "The Greatness of Today." The Adelphians made a great hurrah at hearing the decision of the judges.

June 9. Saturday. Smith and I spent our time this morning surveying. After making a closed azimuth survey we measured the distance between the spires of U. W. Hall and the Insane Asylum. The distance is 3.99 miles.

This afternoon the Beloit's and U.W.'s played ball at the Fair Grounds. The result was a victory for our boys with a score of 8 to 1. Rosental's arm gave out in the third inning, but two runs had already been made off him. The Beloit's tried two other pitchers but both of them were batted freely. This leaves Beloit out of the race, and the championship now lies between the Racine and U.W. nines. The Beloit's brought quite a tin horn delegation with them, but had very little use for them.

June 10. Sunday. Started to walk around Fourth Lake this morning, but was interrupted by rain and was obliged to turn back. In the afternoon took a stroll around to Fuller and Johnson plough works with my friend Hill.

June 11. For some time past Dr. Jastrow of Johns Hopkins has been giving a special course of lectures on physiological psychology. One of the subjects treated was hypnotism. He is somewhat of a hypnotiser himself. He has found several students over whose minds he gains complete control. He makes them do as he pleases and they can not do otherwise. As a specimen, after working on a fellow for a while he says, "Do you know the name of this place?" "Yes, Madison." Then the Doctor talked to him for a few minutes, telling him that he was going to forget the name of the place, that he couldn't remember it to save his life. And sure enough, when the Doctor asked him the name of the place he couldn't tell.

Last Friday was the last drill day of the term and for us Sophomores the last forever. Thus ends the two years drill, and I for one am not sorry, although I have had somewhat of a "snap" this year. Drilled only twice, have been working in the office keeping the books. The battalion made a grand display today and went through the movements excellently. Perhaps they were urged to a greater effort on account of the presence of so distinguished a visitor as Governor Rusk. The several medals that were offered were awarded to the successful competitors today by Col. Lomia, as follows: Captain of best drilled company, L. Durand, Co. B.; best drilled private, H. G. Parkinson; best in tactics, G. Merritt; best in artillery practice, G. E. Morton; best shot, E. E. Browne. As this is the end of Col. Lomia's three year stay at the U. W., he made his farewell speech to the battalion today. He disliked to sever his pleasant connections here at the University and wished the boys all a happy and prosperous future. After a few remarks by Governor Rusk the battalion marched to the "gym" for the last time this year.

1888 June 13. Examination in calculus this morning, didn't do very well; also oral examination on the adjustments of surveying instruments; did that fine.

Ball game this afternoon between the U. W.'s and the Columbus Blues. The Columbus boys showed need of a good bit of practice. Score 6 to 1 in favor of U. W. Gaveney and Simpson were the battery for our nine.

There was a special meeting of Hesperia tonight to consider the joint debate question over which Athena and Adelpia have gotten into a row. Adelpia, for several years past, has given to Hesperia their right of challenge, but this year they thought they would try it themselves and accordingly soon after the last joint debate they elected a team composed of Lieth, Goss and Campbell. After a good bit of fighting among themselves they finally proposed the question of debate to Athena; but a little later the team resigned and the Adelpians elected a new team composed of Lieth, Goss and S. M. Curtis. Athena elected Schindler, Whitton and Stearns. After studying the question a while and obtaining eminent authority on the subject, Athena's team came to the conclusion that the question was not debatable, and accordingly asked the Adelpians to revise the question; This they refused to do. Athena's men then asked them to get a new question; this they refused to do, but offered to leave it to a board of arbitration; this proposition, however, the Atheneans would not accept and they refused to debate with Adelpia's men under any circumstances. Now Adelpia claims the championship and I suppose under the strict construction of the rules, Adelpia is the champion society. Adelpia has sent a notice to Hesperia to that effect, expecting us I suppose to challenge them. But at the meeting of Hesperia tonight the society voted to keep entirely outside this squabble and not challenge either society. Reid, however, proposed a scheme which if carried out would probably straighten the matter. His scheme is to have a revision of the joint debate rules by admitting Philomathia into the league, thus have two debates each year.

June 15. Friday. Examinations in surveying and quaternions, both easy. This finishes my examinations for the year. Finished up field-work in surveying this afternoon.

Choral club concert this evening; did not go. Went in swimming for the first time this year, at about midnight, with Parker. There are about twenty-five that have been taking the entrance examinations for the past two

days.

1888 June 16. The last game of ball of the college league was played at the Fair Grounds this afternoon between the Racine and U.W. nines. The clubs stood even chances for the championship each having lost two games. Through the errors of the U. W. boys and their inability to hit Lunt, the game was won by Racine thus giving them the championship. Score 5 to 2. The Racine boys were very jubilant over the result, as it was the first time they had won the championship. The University nine has won the championship before every year except the first when it was won by Ann Arbor, which club, however, withdrew after the first year. I am not very sorry to see the U. W. nine lose because at the beginning of the year they boasted so much that the result was a foregone conclusion. Perhaps this will make them open their eyes and play ball another year.

Will go home tonight at 11:20 o'clock.

June 17. Sunday. Arrived home at 2:18 this morning. Hurrah for summer vacations. Find everything about the same as usual. Spent a very enjoyable evening just before starting for home, as it was the occasion of the senior banquet of our literary society. We first had a business meeting at which the joint debate question was again discussed, which included the consideration of challenges from both Athena and Adelpia, neither of which were accepted. After the business meeting and the devouring of the refreshments there were speeches from members of each class, the seniors and a number of alumni, the conclusion of which took until eleven o'clock when we skipped for parts unknown.

Last Friday was a gala day for Waukesha as it was the twentieth anniversary of the discovery of the medicinal properties of Bethesda Spring by Col. Dunbar. The proceedings at the spring today were presided over by Gov. Rusk. D. H. Sumner and T. W. Haight were the orators of the occasion.

Friday, however, was a sorrowful one for the German people, for at 11 o'clock Friday morning occurred the death of Frederick III, Emperor of Germany. He died after a long and heroic struggle against the cancer in his throat, which cancer had been making its way slowly for over a year. It is but three months and six days since his father, Emperor William the First, died at the age of 91. Frederick was respected and revered by the Germans, as much if not more than his venerable father, and in his death the world has lost one of its greatest rulers. In the wars with France he won for himself a magnificent military record. His life has always been pure and simple; his foremost thought was what could he do for his people and he will always live in the memory of the Germans as "Unserer Fritz". He was fifty-one years old. His widow is the eldest daughter of Queen Victoria. The new Emperor, William II, is but twenty-eight years old and his reign will likely be quite different from that of his father. According to reports he and Prince Bismark are as one in their views, that he is anxious to bring the dangerous military attitude of affairs in Europe to a crisis and that a general European war will soon occur. Let us hope, however, that the time of wars is past and that the difficulties will be settled peacefully.

June 21. Have been working around home since I came back trying to get rid of some of the weeds, grass, current worms and potato bugs that infest the garden.

Yesterday was commencement day at the University, and the Lewis Prize was won by Miss Alice Holt of Madison. This was quite a surprise to me as I never suspected that Miss Holt was anything of an orator.

1888 June 26. The Republican National Convention met at Chicago on the 19th but did not succeed in nominating candidates until today. The nominees are Benjamin Harrison of Indiana for president and Levi P. Morton of New York for vice-president. There were a number of candidates in the field. John Sherman of Ohio had the lead on the first ballot and Judge Gresham the second place. Some of the other candidates were Allison of Iowa, Alger of Michigan, De Pew of New York, McKinley of Ohio, Governor Rusk of Wisconsin and last but not least James G. Blaine of Maine. Despite his declarations that he would not run Blaine's name was brought before the convention and supported throughout by the California delegation. He would have been nominated, too, in order to break the dead-lock if Sherman would have consented to withdraw, but that gentleman himself wanted the nomination very much and would not withdraw. Governor Rusk received but a few votes on the first and second ballots, and then the Wisconsin delegation went over for Gresham. The dead-lock was broken by the New York delegation, with its seventy-two votes, voting solid for Harrison on the eighth ballot.

The Republican platform is essentially this: to keep the present war tariff on imports and take the tax off whiskey and tobacco. For such a platform I can never vote. I believe the import duties much too high, and although I doubt if the Democrats will succeed in lowering them, yet they are making an honest effort to do so and my first vote will go for Cleveland and Thurman. There were immense crowds in Chicago at the convention and the first few days were excessively hot.

July 1. Sunday. The past week has been quite changeable; hot, cold and wet, considerable rain Tuesday and Wednesday. Will go out to Fred's this evening to pick strawberries this week.

July 4. The Glorious Fourth of July. Came home early this morning, went to Mukwonago on the 1:05 train and played ball with the Y.M.C.A. boys against a Mukwonago nine. We were playing for a medal, but the score resulted 19 to 6 in favor of the Mukwonago team. It seemed at first that we would win the game but a number of costly errors by our boys and hard hitting by the Mukwonago boys in the last part of the game made an easy victory for them. I played second base and made but one error, a muff of an easy fly.

Came home at 8:30. Will go out to Fred's early tomorrow morning. I picked six bushels (192 quarts) of strawberries Monday. All the pickers together picked eighty-seven bushels Monday and Tuesday. Fred has about five acres in this year's bed.

August 6. General P. H. Sheridan, head of the United States Army died yesterday after an illness of nearly three months. The whole nation mourns the loss of one of the patriotic and brave soldiers of the war. The cause of his death was a disease of the valves of the heart causing their failure to act.

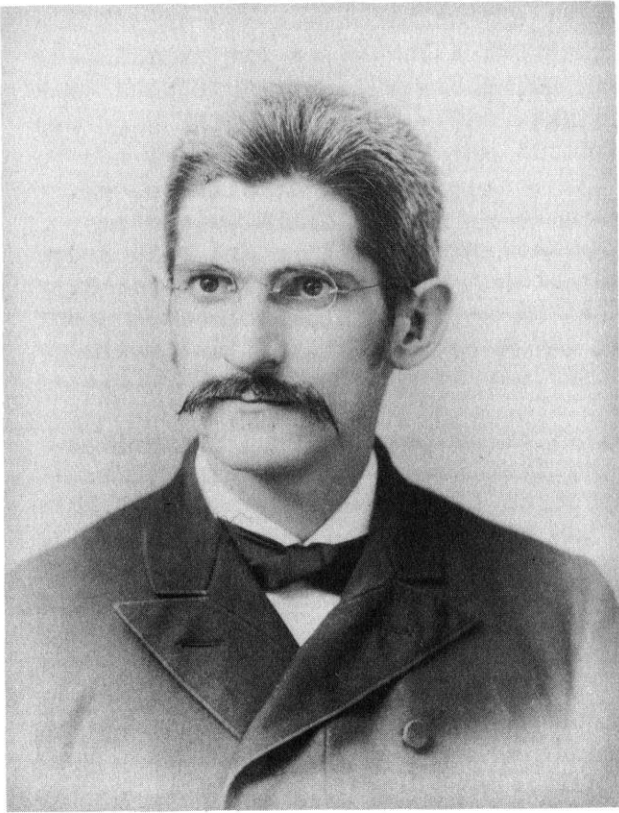
August 22. At the Republican state convention at Milwaukee today W. D. Hoard of Fort Atkinson was nominated for governor. The other aspirants for the office were Taylor, McFetridge and Ginty. Ginty withdrew, however, before the balloting commenced, and as most of his supporters went to Hoard,

the former was nominated on the first ballot by a plurality of two. As Hoard is a farmer and editor of a farmer's paper he will receive a large support from the "Granger" element of the state and in all probability will be elected by a large majority. The rest of the ticket is simply a renomination of the present holders of the offices.

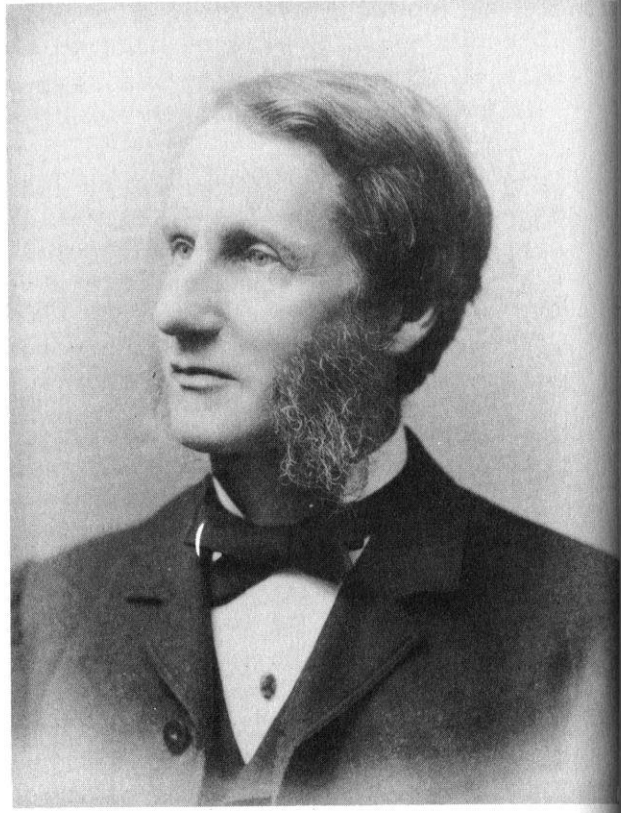
1888 August 31. The county fair has been in full blast for three days and is now over. It is four years since I attended the Waukesha fair. I went this year a couple of times. The show of stock and horses was good, that of sheep and pigs rather small, poultry good. The show of merchandise and vegetables in the building was very good. The show of fruit was necessarily poor on account of the earliness of the fair.

One of the features of the fair was a series of base-ball games. On Wednesday the Waukesha and Burlington clubs played, the Waukeshas being victorious. On Thursday the Whitewater club beat the Fort Atkinson club and on Friday the Waukeshas and Whitewaters contested for the \$100. Williams, our University pitcher, pitched for the Whitewater club and proved a puzzler. Holday, a Milwaukee pitcher, pitched a fine game for the Waukeshas, and but for his poor support behind the bat and at first base would have probably won the game.

September 1. Went hunting today with Fred in the woods around his home. We succeeded in getting three partridges apiece. Never had such good luck before partridge shooting.



Edward A. Birge



William F. Allen



David B. Frankenburger



Luigi Lomia

CHAPTER III

DIARY OF A JUNIOR 1888 - 1889

1888 September 6. Returned to Madison again last evening at six o'clock. What great pleasure it is to shake hands with so many classmates and acquaintances again. I have secured a room at the Observatory and will help the professor in the dome at night; receive 20 cents an hour for my work, and pay \$4 a month for my room, furnished, except bedding, and heated and lighted. The room is large and roomy 12 by 25 by 15 feet. It is in the northeast end of the Observatory.

September 7. Have not fairly gotten to work yet. Helped the professor observe last night for $3\frac{1}{2}$ hours. He was examining double stars.

What a pleasure it is to return to the University after a ten weeks absence, and shake hands with so many old acquaintances. The students all come back at about the same time, and it is one continual shake for a couple of days.

September 10. Monday. Have finally gotten my studies arranged. They are French 9-10; Analytical Mechanics 12-1, and Astronomy in afternoon. As I room at the Observatory I am nicely situated for the study of astronomy. I have the free use of the astronomical library and so will not have to buy any books. There are two others, Miss Winston and Miss Rundlet, taking the long course in astronomy.

President Cleveland has issued his letter of acceptance of the nomination for re-election. The letter is long and of course treats of tariff, surplus, etc.

September 14. Worked five hours in dome last evening. It was cloudy tonight so that I attended the literary society. I was on the affirmative of the question, Should President Cleveland be re-elected. The debate was very spirited on both sides, but the jury decided unanimously in the affirmative.

I heard Secretary of Interior Vilas speak at the Democratic Wigwam last Saturday evening.

September 19. On September 12 in New York City occurred the death of Richard A. Proctor, the scientist and astronomer. In his death the world loses one of its foremost men and probably its most popular writer and lecturer upon scientific subjects, especially astronomy. Mr. Proctor's home has been for some years in Florida and he had come to New York on his way to England. A short time after arriving in the city he was taken seriously ill and in a few hours died of that dreadful disease, yellow fever. The plague has been raging for some time in Jacksonville, Florida, but there has been none at Mr. Proctor's home, Oaklawn, Florida. Professor Proctor was born in Chelsea, England in 1837. Graduated from John's College at Cambridge in 1860. In 1866 he was elected Fellow of the Royal Astronomical Society. He has held many other responsible positions, and is the author of a large number of books.

October 12. This evening when the Literary Societies adjourned it

was found that the Sophomores were trying a Freshman in the gym. During the trial, however, several Freshmen bombarded the door of the gym. The door was smashed in and several panes of glass were broken in one window. The Sophomores made a rush on the bombardiers, caught the ring-leader and brought him in for trial. After due process of trial he was sentenced to dance, but he had a lame leg and the sentence was changed to a song. He refused to sing and after a while was allowed to go. I do not object to dormitory trials, but it is a shame the way the boys lose their heads sometimes and wantonly destroy University property.

1888 October 16. Reports from Jacksonville, Fla. say that the yellow fever is still raging there. There have been thousands of sick and hundreds of deaths.

The base-ball season has closed. The rank of the clubs of the National League is as follows: New York, Chicago, Philadelphia, Boston, Detroit, Pittsburg, Indianapolis, Washington. The St. Louis Browns led in the Association and Des Moines club is at the head of the Western Association. Milwaukee finished in fifth place. The New Yorks and St. Louis will play for the championship of the world. Chicago led the National League for the first half of the season, but the club was weak in pitchers and they could not keep up the lead.

Yesterday there was the first rain we have had this month.

October 20. Congress adjourned today. This has been the longest time that Congress has been in session, over ten months. At the end of these ten months the questions of the tariff and the surplus are no nearer settlement than at the beginning. The Senate drew up a substitute tariff bill for the Mills, but they have adjourned without even debating it. The tariff is being discussed more in this campaign than ever before. I hope it will be productive of good results.

October 21. Sunday. At the beginning of the term a class base-ball league was formed. Each class was to play two games with each of the other classes. All the games but one, Senior-Freshman, have been played, and the Sophs are the champions, having won five out of the six games. The Juniors have won only two, one from the Freshmen and the other from the Seniors. I caught four games for the Juniors. Davies, the Freshman pitcher, is a rattler, and if he had been here to pitch all the Freshman games they would probably be the champions. McCoy pitched for the Sophs. I hope this scheme will be continued for it affords much amusement and develops good players for the college league nine.

October 27. The Sophomore ball nine played today against a nine picked from the rest of the college. The Sophs were victorious by a score of 6 to 3. Their opponents were Davies, p., McCully, c., Williams, 1st, Brumder, 2nd, Hewitt, 3rd, Rowley s.s., McNaught, l.f., Hooker, c.f., Shear, r.f. The Sophomore nine are McCoy, p., Sheldon, c., Campbell, 1st, Johnson, 2nd, Coliff, 3rd, Pope, s.s., Allen, l.f., Blackburn, c.f., and Smieding, r.f.

November 5. Went to hear Hon. R. M. LaFollette, congressman from this district, speak at the Assembly Chamber this evening. He is a sensible and logical speaker, and used his sense and logic on all subjects except the tariff. On that subject he, of course, took the same ground as all other

high tariff protectionists. Col. Vilas also spoke at Turner Hall. Each had crowded and enthusiastic houses. Tomorrow is election day. How will it result?

1888 November 6. No school today. This is the first time that I have had a chance to exercise the privilege of a voter. My ballot is cast for Cleveland, Thurman and tariff reform, but it will probably do but little good here in Wisconsin.

November 8. Sufficient election returns are in to indicate a Republican victory. Harrison has carried New York and probably Indiana.

November 10. New York goes republican by about ten thousand plurality and Indiana by about 2,000. Connecticut goes democratic by a very small majority. New Jersey is democratic. West Virginia has gone republican both in national and state tickets. This gives Harrison a rousing majority. Let it be hoped that the people were not deceived in their choice. Wisconsin is of course republican. The entire republican state ticket was elected by about 20,000 plurality. W. D. Hoard of Fort Atkinson is the governor-elect. The democratic nominee was James Morgan, the dry goods merchant of Milwaukee. The returns are not all in yet, but probably both Houses of Congress will be Republican. I am glad that they are both of the same party as the president, so that perhaps our representatives at Washington will do something besides fight and squabble as during the present session.

I gave a lecture before the Natural History Club this morning on the "Land Birds of Southern Wisconsin".

November 13. Republican blowout tonight. The "deuce" of a rumpus.

November 24. I took some altitudes of the sun today with the sextant to determine the latitude.

Sophomore Class Party this evening.

November 29. Thanksgiving Day. There were only six of us left at the club but we managed to very badly "demoralize" a good-sized turkey.

My observations for latitude gave a mean result 4" too large.

November 30. No school today. No society meeting this evening. Took some altitudes of Polaris tonight.

December 7. Friday. Law School party tonight at the Capitol. My altitudes of Polaris give a latitude about 10" too large. Took some altitudes tonight of Beta Geminorum for time.

We have had remarkably fine weather so far this winter, only one or two flurries of snow and but little cold weather. Some of the days of December have been delightful.

Harrington, Lord and myself took supper with Professor and Mrs. Brown last Sunday evening. Supper was served in grand style.

December 9. Played "sinch" last evening for the first time. (According

to the Century Dictionary "sinch" is a bad spelling of "cinch")

1888 December 14. Friday. Debated in Hesperia this evening the following question: Resolved, that labor strikes on the whole are beneficial to the people of the United States. I led the negative, but I had only one colleague and so lost the decision.

December 19. Wednesday. 3 a.m. Will go home on the 4:55 train this morning. I have been working all night and I thought I would write a few words in this old book before leaving. The examinations are finished, and another term is numbered with the past. Time passes before we know it. Nearly half of this year gone and then only one year more and I will be through. What then? Who knows? Not I. We had no examination in Astronomy. The ex in Analytical Mechanics was easy but the two in French were not so easy. I am well satisfied with the term's work. Have got a good start on French. Mechanics and Astronomy are excellent studies. My work in Astronomy has been largely practical, such as the comparison of clocks and chronometers, use of sextant, etc. Next term I expect to be using the theodolite and transit. I have not done much work in the dome, indeed, not enough to pay for my room.

It has frozen up since our rain and is quite cool today, but still we have no snow. There is good skating on the bay of Third Lake, but I have not had time to go.

The third in the course of lectures at the Congregational Church was given last evening by Peter M. Von Finkelstein from Jerusalem. Subject, "City Life in Jerusalem". The lecture was very interesting and gave one something of an idea of the city and the habits and customs of its inhabitants. The lecturer was dressed in the native costume and he also had several persons dressed to represent a priest, a young man, a married woman and her maid and two children. He also had a few pictures and drawings.

1889 January 3. The vacation has come and gone, and I am back at Madison. The old year is dead and gone and the new is flourishing in the full vigor of its infancy. The past year has been a happy and prosperous one for me. Happy in that I have been blessed with exceedingly good health and have been able to continue my studies without interruption. Prosperous in so much as I feel that my studies and work have been beneficial and in that I can think of nothing of importance that I have done that I can wish had been otherwise. To be sure there has been and is considerable sickness in our family, but I prefer not to worry over such things, but to take them as they come and hope for the best.

I spent most of the vacation in reading and working around home. Friday, December 21st, I went skating upon the river above the dam. The ice was nice and smooth and about as good skating as I ever saw there. Sunday, December 23rd, I went to church twice, to the Baptist in the morning, to the Congregational in the evening. This is the first time I have been to church since August. After the evening service I had the pleasure of escorting M. F. and G. S. to the latter's home. (So far as the recorder can remember this was the first time he ever went anywhere with a young lady. The house was the first one behind the church, so the distance was perhaps all of a hundred yards.)

January 4. Have gotten to work again. Studies for the term are French

1, Astronomy 1, Analytical Mechanics 1, Physics 4/5. My report for last term was French good, mechanics and rhetorical excellent, Astronomy work done.

Lake Mendota closed the night of January 1, and there is some good skating there now. Annual Board meeting today.

1889 January 5. Went skating yesterday and today. Have just finished reading one of the Waverley novels, "The Heart of Mid Lothian". Very good.

January 10. Aegis meeting this afternoon to elect a general editor in the place of W. H. Leuhr who has left the U.W. F. H. Whitton was elected to the position. Badger meeting after the Aegis meeting.

January 11. Debated in Hesperia tonight the question, Should the direct tax bill become a law. I was on the negative and we won.

January 12. The Natural History Club met this morning and listened to a lecture by Dr. Hillyer on, "The Chemistry of Gas Making". It was interesting and instructive.

January 13. Sunday. Played a game of whist at Green's room this evening, the first time I ever played cards on Sunday.

January 16. Read an essay today on the, "Direct Tax Bill". Sat up all last night to write it.

It has been raining today and this afternoon there was thunder and lightning. Snow about half gone.

January 18. Two of the Literary Societies adjourned this evening on account of the lecture at the Congregational Church by Dr. Gunsaulus of Chicago. I went and was very much pleased. He is certainly an orator. The subject was, "A Chapter in the History of Liberty."

There was quite an event on January 7th that I have forgotten to chronicle. It was the inauguration of W. D. Hoard, of Ft. Atkinson, as governor of Wisconsin. The governor was met at the N.W. depot by a large crowd where a procession was formed which paraded around the streets a while and finally wound up at the capitol at about 12:30. The crowd then commenced to pour into the Assembly Chamber where the inauguration was to take place. The speech of welcome was made by Mayor Doyan. He forgot his piece towards the last but managed to pull through without any serious trouble. He was followed by Governor Rusk whose remarks were as usual full of grammatical errors. Mr. Hoard then made a short speech after which the oath of office was administered by Chief Justice Cole. The other state officers were then sworn in and the crowd dispersed for dinner. I hope we may have success under the new administration. Governor Rusk was in office seven years. He is mentioned as a candidate for the office of Secretary of War in Harrison's Cabinet. I don't think he will get it.

January 24. College Rhetoricals today. Senior, W. A. Curtis. Junior, M. E. Baker. Sophomore, Miss Sheldon. Freshman, none.

A portrait of Chancellor Lathrop, the first Chancellor of the University, was presented to the University today. Dr. Butler made the presentation

speech. The portrait was a gift of the Chancellor's son, who lives in Kansas City.

Last Saturday evening, the 19th, occurred the Sophomore Semi-Public of the Athenaeum Society. The program was not so good as some I have heard. The president's address by John Wangsnes was good. The essay by C. N. Burton was well written and quite well delivered, although his style and delivery are somewhat affected; subject, "Absolutism in France". The oration by Paul Richards was well written and excellently delivered. The question for debate was "Should suffrage in municipal elections be restricted by a property qualification". The affirmative was supported by Chas. Dickson and Andrews Allen, the negative by Jas. Frawley and Wm. Wolfe. Dickson's debate was not very heavy. Allen's, I thought, was the best of all, at least it was delivered the best. Frawley's was good but poorly delivered. Wolfe's was well written, but he did not have it properly learned, and constant reference to his paper spoiled the effect. The judges decided in favor of the negative. The music was furnished by the sextette. It was very good and much appreciated.

1889 January 26. Tonight Laurea gave an open session at Library Hall. The Hall was lit for the first time by electricity. The program was out of the usual line. It was good, interesting and amusing. The essay, "A Peep at Scotch Ruins", by Miss Sercombe, was illustrated by pictures thrown upon a canvas by one of these jack-o-lantern businesses. It was very nice. The rest of the program consisted of a declamation by Miss Flesh, and an oration by Helen Smith, and a drama written by W. A. Curtis. The oration, "Michael Angelo" was very good. The drama, "An Attempted Escape", was the best part of the program. The plot was of two boys that entered the University dressed as girls to get out of drill. These were impersonated by Miss Bell and Miss Johnson. The other characters were two Junior girls, Misses Clark and Goddard, two Freshmen girls, Misses Flesh and Austin. The acting was splendid. All in all, I think the entertainment was the best I have ever attended at Library Hall. The music was furnished by Miss Gussman and the Banjo Club.

February 7. The Lecture Course at the Congregational Church was closed tonight by the Boston Temple Quartet. The quartet were men and their singing was excellent. The other members of the company were a lady violinist, a pianist and a lady singer. The first was very good and the other two not bad.

A week ago Tuesday the next to the last entertainment of this series was a lecture by Gen'l. Geo. Sheridan. Subject, "The Modern Pagan". Although the lecturer was quite humorous, and although he told several good stories his lecture as a whole, in my opinion, was positively bad. His pagan, of course, was Col. Ingersoll, and his lecture was simply a string of misstatements and abuses. His whole object seemed to be to try and show up Ingersoll as an egotistic, illogical abuser of words whose only objects in denouncing religion and the Bible were worldly renown and self-illumination. I am not by any means a follower of Ingersoll but I like to see a man given credit for what good he does do and to have his faults criticized in a gentlemanly and fair manner. Sheridan's method of attack was very similar to that of Ingersoll himself, and most of his criticisms of Ingersoll would apply with double force to himself.

February 11. This afternoon I took the third set of observations with

the large equatorial telescope to get a determination of the value of a revolution of the micrometer screw. The observations were made on Polaris at its upper transit.

1889 February 17. Yesterday and today Lord and I have been connecting our rooms with a telegraph wire. His room is on Mills St. about four blocks south of the Observatory. There was a dead wire running about three-fourths of the way, so we did not have to put up much. It rained nearly all day, but we did not care for that. We finished it today, putting up the batteries and instruments. I have been learning the alphabet this afternoon. It will afford quite an amusement to us.

February 20. Sat up all of last night writing an essay and read it this afternoon.

February 23. Saturday. Coldest day of the winter, 18° below this morning. Have spent the entire day at the Historical Library reading for an oration.

As yesterday was Washington's birthday we had a holiday and many of the students went home.

At a meeting of the Aegis Association Thursday, the 21st, my position was changed to that of a general editor in place of B. C. Parkinson, resigned. My place as literary editor was filled by W. D. Tarrant. McCoy, personal editor, resigned and W. F. Wolfe was elected to the vacancy. Also R. B. Hart was elected secretary of the association to take the place of W. A. Ostenfeldt who has left the institution to accept a position in a Chicago bank.

March 1. Had an examination this morning in French on the tragedy, "Le Cid", by P. Corneille. We next read "Athalie", a tragedy by J. Racine.

March has come in like a lamb but I hope it will not go out like a lion. February has been a very nice month, a little snow and some cold weather, but otherwise very pleasant.

March 2. Beautiful day; just like spring, snow melting fast.

Our Society held its Sophomore Semi-Public at Library Hall this evening. It was an entire success and one of the best, if not the best, Semi-Public I have ever heard. A. F. Fehlandt was president. J. Fliegler, essayist, "Some Queer Notions About Jews"; E. H. Ochsner, orator, "Skepticism and Skeptics". The question for debate was: "Resolved, that the total prohibition of foreign immigration for a period of ten years would be preferable to the present system". Affirmative, G. E. Morton and Morse Ives; negative, L. C. Wheeler and D. K. Tone. Judges: Col. Bird, T. C. Richmond and C. S. Slichter. Affirmative won. Ives' debate was very forcible and I think excelled the others. All other members of the program did their parts very well. The program was ended by a good toast from W. A. Dennis. Hurrah for '91.

March 5. Attended a lecture at the Unitarian Church this evening by Professor Butler. Subject, "Transcontinental Routes to the Northwest". This consisted chiefly of a description of the expedition of Lewis and Clarke in 1806. I enjoyed the lecture very much. The old gentleman's style of writing and delivery are very pleasing. He was formerly a professor

in the University. This was the second of a series of lectures to be given under the auspices of the Contemporary Club. The first one was delivered some time ago by President Chamberlin. Subject, "Topography of the Northwest". I did not hear it.

Finished Analytical Mechanics today with an examination. The class takes up Hydromechanics for the remainder of the term, but I shall drop out as I am behind in my work.

The Inter-Frat party was held March 1.

1889 March 10. Sunday. Have been reading French for the last two days, "Le Roman d'un Jeune Homme Pauvre".

G. March 12. Attended another lecture at Unitarian Church this evening by R. B. Thwaites, Secretary of the Historical Society. Subject, "Trans-continental Routes by the Southwest". The lecture was interesting and good but a little long. He described the early explorations by the Spaniards and those by the United States in the early part of this century.

March 14. I don't know how it happened but I have entirely forgotten to make any mention of Inauguration Day. On the 4th of March the short reign of the Democrats came to a close and the Republicans are again in power. It is now President Harrison and Ex-president Cleveland. Harrison from all I have ever been able to learn is a thoroughly honest, upright, common-sense sort of a man and it is just such that we want for presidents. I did not vote for Harrison, and under my present convictions could vote for no man for president that upholds and advocates our present tariff system. I hope and firmly believe that he will make a good president. Cleveland's administration has, of course, not been without faults. Although he and his party have made a vigorous attempt to reform the tariff, yet their attempt in regard to civil service reform seems to me to be somewhat of a failure. I hope, however, to see the time, and soon too, when all parties will take a hold of this reform and to have some more valid reason for removing an official than simply because he is a violent partisan. The preparations for the inauguration were the largest ever made, but a drenching rain which continued all day considerably spoiled the effect.

President Harrison has chosen James G. Blaine, Secretary of State. The Agricultural Department is a newly created concern, and its first Secretary is Wisconsin's Ex-Governor, Rusk. Hurrah for Wisconsin and Old Jersey. I hope the new administration will be a success.

March 15. Athena and Hesperia elected joint debaters tonight for next year. Athena's men are, F. E. McGovern, S. T. Swanson and W. F. Wolfe. Hesperia's, H. D. Heffron, W. R. Cooley and L. C. Wheeler. Wolfe and Wheeler are Sophomores. In the debate last year between Athena and Hesperia, Hesperia lost, and it was, therefore, Adelpia's privilege to challenge Athena. They did so and submitted a question, but a difficulty arose among the debaters about the question, Athena's men claiming the question not debatable. After a great deal of squabbling and fighting the matter was dropped so that we have had no joint debate this year.

New rules have been formed, which, however, are only for next year, when we hope to form a new league including the Philomathian Society. The new rules are essentially thus; the debaters choose three men to choose,

word and interpret a question, and teams shall draw lots for sides.

Go it, Hesperia, you have lost so many now that you can't afford to lose this one.

Have been working today with a new theodolite, just bought by the Observatory from Fauth and Co. Have been determining the values of the divisions of its levels.

Saw the first robin of spring today. Beautiful weather.

1889 March 16. Saturday. The devil of a rain today, over an inch, thunder and lightning. Let the good work go on, we need it.

Have been taking down the telegraph line with which Lord and I had connected our rooms. During the vacation we expect to get the Observatory connected with the U. W. Telegraph line. Their line runs as far as the Machine Shops.

Saw the first blue-bird and black-bird today.

The Philomathian Literary Society held its first Semi-Public this evening. Wm. Smieding was president of the evening. In his address he gave a short history of the society which is only a little more than two years old. The program was good, although both oration and toast were lacking. The essay, "Woman's Rights Defined by Might", by S. Hookland was well written and well delivered although I did not admire the subject for a Semi-Public. The debate was very good. Question: Resolved, "That the United States should establish a system of postal telegraphy." Affirmative, G. G. Armstrong and E. J. Patterson. Negative, L. G. Nash and Th. Kronshage. Affirmative won. I thought that Patterson made the best debate. May the young society continue to prosper.

March 26. Tuesday. School work for this term finished. Have finished reading "Le Roman d'un Jeune Homme Pauvre". The class read 180 pages in ten days, lots of work. No examination in Astronomy. Oral examination in Physics, a regular farce.

Shall not go home this vacation; have got to write my Junior Ex. oration.

We have been having some exceedingly fine weather lately; snow all gone long since, thermometer has been as high as 65°.

March 28. Yesterday afternoon and today, Lord, Parker and I have been putting up telegraph wire between Observatory and Machine Shop. I am on the line now.

John Bright, one of England's greatest statesmen and author, is dead at the age of 78.

Robert T. Lincoln, son of Abraham Lincoln, was yesterday appointed minister to England. Many other appointments have been made.

March 31. Sunday. Ice all gone from Lake Mendota except a little patch which is lodged north of Picnic Point. Sixteen days earlier than

last year. Weather raw and chilly today.

Have been reading on my oration and making out the monthly weather report for the last two days.

Am boarding at the Pointon Club on Park St. this vacation. Pretty good club, Cooley steward.

Am reading a book, "History of Astronomy During the Nineteenth Century", by Miss A. M. Clerke; very good.

1889 April 1. Ice all gone from lake. Reading at Historical Library, writing letters and an editorial for the Aegis today.

April 2. Commenced writing my Junior Ex. oration today. Subject, "Search for Truth". Hard work.

April 4. Got my report for last term today. Physics, excellent; Analytical Mechanics, Astronomy, French and Rhetoricals, good. Studies for this term are Astronomy, French and Physics.

April 9. Commenced a series of observations with the Fauth transit of the students' observatory this evening, using it as a zenith telescope to determine latitude.

April 10. Twenty-second birthday. Ninety's "Badger" out today. Good sale; am glad that is at last off our hands.

Tonight occurred the Joint Debate between Hesperia and the Stoughton Lyceum, a literary society of Stoughton. Our society was challenged to this debate about the middle of last term; we accepted and elected as debaters, J. H. Powers, C. B. Bird and F. G. Kraege, who chose the question, Resolved, "That the Knights of Labor organization is not on the whole beneficial to the working men of the United States". The Stoughton debaters chose the negative. About thirty of the students secured excursion rates on the St. Paul R.R. and went down on the accomodation train at six o'clock. We had a rousing jolly time both going down and coming back. The debate was good and interesting but a little one-sided. Our boys had worked up the question thoroughly and they all made magnificent debates. Powers opened, Bird followed and Kraege closed. All their statements were backed by authority and statistics. The statistics were convincing and the authority unquestionable. The debaters of the negative were J. M. Clancey, J. N. Davidson and C. F. Crouk, a lawyer, a minister and a school teacher. They debated more on general principles, had no statistics and did not back their statements with authority. They did not present their side of the question nearly so well as it might have been. Clancey read his debate but did not come within a mile of the question. The minister spoke without notes but came a little nearer the question. Crouk was pretty good but he could never win such a debate on arguments of antecedents, probability and sign. The decision of the jury was unanimous in favor of the affirmative.

April 12. Our Gymnasium Bill came up for final action in the Senate today. The committee on claims had reduced the amount of the appropriation to \$60,000. The bill passed by a vote of 18 to 13. But our chances are not so good of getting it through the Assembly.

1889 April 15. The Gym. Bill came up for final action in the Assembly today. Mr. Ring made a good speech in favor of it but the vote was 47 to 28 against the Bill. Thus we will be obliged to put up with our old barn for another two years. I think then, however, we will be successful, for we are in great need of such a building as much for an armory and drill room as for a gymnasium.

April 17. At the Junior class meeting today the following officers were elected for the term. President, S. D. Townley; vice-president, C. R. Clarke; secretary, R. B. Hart; treasurer, A. C. Uehling.

Last Friday, the 12th, the Sophomore class elected an Annual Board. The unfortunate ones are: Th. Kronshage, A. F. Oakey, M. Ives, A. B. James, W. F. Dockery, T. H. Ryan, W. H. McFetridge, H. H. Herzog and Misses Bodenstein, Lowe, Baker and Park. H. H. Denster, R. N. McMynn, J. Frawley, A. Allen and H. A. Heyn will constitute the business committee. I hope that they will get out a good Annual, but I think better work would be done with a smaller number of editors.

Last Tuesday the republicans and democrats of the Assembly played a game of ball upon the lower campus. There was some exceedingly "fine" playing done. The democrats got there to the tune of 35 to 23.

Although we failed to get our gym. appropriation from the legislature yet we were not entirely forgotten by them. \$5,000 was appropriated with which to fix up Ladies Hall, put in steam heating apparatus, etc., very good scheme. Also one per cent of all licences on railroad, telegraph and telephone companies has been appropriated for the engineering department, especially for the establishment of a course in electrical and railroad engineering. This at present will amount to about \$11,000 annually.

April 26. Finished reading "Athalie" in French today. We take up next, "Le Misanthrope", by Moliere.

April 27. There was a game of ball on the Lower Campus this morning between the McKinnen and Pointon eating clubs. The Pointon boys had decidedly the best nine so that the result was 26 to 8 in their favor.

There was also a game at the Fair Grounds this afternoon between the U.W. nine and a club from Chicago calling themselves the Chicago Maroons. Lunt pitched for the U.W.'s but the visitors couldn't find him at all. The score was 12 to 0 in favor of U.W. Our nine was as follows: Sheldon c., Lunt p., McCoy s.s., Williams lb., McCully 2b., Collipp 3b., Campbell r.f., Davies c.f., Hewitt l.f. While practising Hewitt stepped in a hole and sprained his ankle so that he could not play. His place was taken by Geo. Simpson who happened to be here on a visit.

Spaulding's baseball tourists have returned from their trip around the world and gone back to their respective clubs. They met with a grand reception when they landed at New York. This is the first such enterprise ever undertaken and has resulted successfully financially as well as otherwise. The trip started from San Francisco about the first of November going to Australia by way of Sandwich Islands, thence to Egypt by way of Suez Canal, to Rome, France and England, playing games everywhere they stopped. The Chicago team has started the season by losing two out of three games

at Pittsburg. Milwaukee has started by losing two out of three at St. Joe. The Western League this year will be composed of clubs from Milwaukee, St. Paul, Minneapolis, Des Moines, Omaha, Denver, Sioux City and St. Joe.

1889 April 29. We are having an epidemic of mumps at the University. As many as fifty students have had them since April 1. My friend, Hardy, has just come down with them. Lord has got the Dutch measles.

April 30. Today is the hundredth anniversary of the inauguration of Washington as the first president of the United States. It has been made a legal holiday so that we have no school today. There is to be a great demonstration in New York City where he was inaugurated. The sleepy little burg of Madison makes no stir.

May 4. Our ball nine played at Beloit today and came out victorious by a score of 14 to 4. Davies pitched and held the Beloiters down to six hits.

May 5. Sunday. Have been taking a rest today. It is the first time since the beginning of last term that I have laid my books aside. The weather has been fine today and in the afternoon I took a long walk out by Dead Lake and around about over the hills; found many flowers in bloom and picked me a nice bouquet; nothing so nice as flowers. We are sadly in need of rain; the roads are terribly dusty.

May 6. Observed my latitude stars tonight; just warm enough to make it very pleasant work. Observed also the transits of some polar stars to determine the value of a turn of the micrometer. Hope to be through observing soon.

May 11. The annual Sophomore essay contest was held at Library Hall yesterday afternoon at 4 p.m. The contestants were: Miss Bodenstein, "Socrates in Chicago"; Jake Fliegler, "A Noble Life and Death"; Miss Powers, "Discipline of Failure"; Miss Lowe, "Cobwebs"; Theodore Kronshage, "The College Cynic"; Miss Cady, "A common-place Village"; W. M. Balch, "Reason and Faith". The essays were all good. I think that of Miss Lowe's was very fine; there were some very fine descriptive passages in it. The judges made honorable mention of her essay but gave the prize to Kronshage.

At three o'clock yesterday the regular annual meeting of the Aegis Association for the election of a new board of editors was held at Library Hall. R. B. Hart was elected president and W. F. Robinson secretary of the Association. A. A. Bruce was re-elected managing editor and W. D. Tarrant in the place of Schindler. R. B. Green, W. B. Cairns, R. N. McMynn and S. D. Townley were elected general editors, but before the fifth one could be elected we were obliged to adjourn for the Essay Contest. The Association met again at eight o'clock this morning and the election was finished. D. E. Kiser was elected as the other general editor. Jas. Frawley, L. C. Mayhew and Blanche Powers, local editors. Personal, H. G. Parkinson and Zilpha Vernon. Literary, Th. Kronshage. College News, P. S. Reinsch. Business Manager, Morse Ives. Asst. Business Manager, W. H. Dennis. The board, I think, is a good one and I hope the success of the Aegis may be as great in the future as it has been in the past.

May 12. Sunday. Our boys played in hard luck at Evanston yesterday. Soon after the game commenced it began to rain and the score at the end of

the fourth inning was 14 to 4 in favor of Evanston. The umpire refused to call the game and our boys gave it up.

1889 May 15. Game at Lake Forest yesterday 9 to 5 in favor of U.W.

News was received today of the death of Professor Heritage who had gone to California to try and regain his health. Consumption was the trouble. His wife was telegraphed Saturday but did not get there before his death. He was only forty-one years old. His death is a sad blow to the University as he was one of our best professors.

May 18. The Natural History Club met this morning and Miss Harper gave a paper on Japan. It was from her own experience and very interesting.

It has been raining considerably for the last few days; nearly one and a half inches has fallen. We have had a long spell of cloudy weather, and I have not been able to observe since May 6.

May 22. Slight frost on the sidewalk, where the sun had not shown, as I went to breakfast this morning.

May 27. Ball game today between the U.W. and Evanston nines. It was a victory for our boys. Score 9 to 5. Lunt pitched a fine game for U.W.'s; he struck out fifteen men. The Evanstons have a rattling good team this year and will likely be on a tie with the U.W. nine at the close of the season. Each has lost one game.

Last Saturday, Davies, one of our U.W. players, pitched for the Milwaukee team and won a game from Minneapolis. The Milwaukee's are playing very ragged ball this year. They are at the bottom of the list having won only three or four games so far.

May 30. Decoration Day. No school; rehearsed Junior Ex oration today; studied rest of day.

May 31. Coldest day of month; thermometer 35°. Slight fall of snow from 5 to 7 this morning - nice summer weather. 3.28 inches of rain this month.

June 3. Ball game today, between Lake Forest and U.W. The visitors could do nothing with Lunt's pitching. Score 13 to 1 in favor of U.W.

June 6. Junior Ex. tomorrow night. Am prepared to do what I can. Have rehearsed to "Frankie" six times.

June 7. Junior Ex. this evening. The orators and their subjects in the order of their appearance were: Walter Smith, Athena, "Symmetry"; Zilpha M. Vernon, Castalia, "The Present Real"; Warren D. Tarrant, Philomathia, "Modern Individualism"; Sidney D. Townley, Hesperia, "To Know"; Grace A. Lamb, Laurea, "The Cry of the Children"; Charles M. Mayers, Adelpia, "The Destiny of Shakespeare". The judges were J. B. Thayer, Rev. A. L. Wilkin-son and J. C. Gregory. They awarded the prize to Walter Smith. Music was furnished by Katherine Foote and the U.W. Banjo and Guitar Club. Margaret I. Potter of Laurea was president of the evening.

June 8. Green and I have been reading "Petite Fadette" this afternoon

and evening; have read now seventy pages. Rain and cold today. The snow and frost on May 31 did much damage in some parts of the state. Froze corn, potatoes and currants down home.

1889 June 9. Sunday. There was a sad accident on Friday, May 31, that I have forgotten to make any mention of. The city of Johnstown, Pennsylvania, was situated in a valley and immediately above the town was an immense dam which kept back the waters of a river. The dam was considered a monument of engineering skill, but on this fatal Friday it gave away and a mass of water forty feet high literally swept the town out of existence. Not a building was left standing and scarcely a person. The number lost has been estimated as high as 15,000 but it is probably not 5,000. About 3,000 bodies have already been recovered. It was a terrible loss of life and property. All the world is sending sympathy and aid to the survivors.

June 11. The postponed ball game with the Beloit was played at the Fair Grounds. Our boys had an easy victory of it. This is the last regular game of the season, but it leaves the Evanston and U.W. nines tied for first place so that another game will have to be played. It will be next Saturday morning in Milwaukee.

June 13. Hesperia's Senior Banquet this evening. Parker, Cooley and I were the arrangement committee. We got up a great old spread and everyone had an immense time. Our Senior class is small but it is of good quality, what there is of it. The members are C. B. Bird, J. H. Powers, F. G. Kraege, M. P. Richardson and S. P. Huntington.

June 16. Sunday. Baccalaureate Address by President Chamberlin this afternoon. Subject, "Threefold Perpetuity". It was a masterpiece of big words and useless sentences. His delivery is abominable. The address was a very queer one for the occasion, and is the subject of much fun and jest among the students.

June 17. Honor theses were read at Library Hall this morning. I did not go to hear them. Those taking honors were: Mary F. Winston, mathematics; Arthur W. Richter, mechanical engineering; Nettie L. Smith, English literature; Joseph H. Powers, psychology; Frederick G. Kraege, psychology; Sue Tullis, French; James B. Kerr, Latin; Ada E. Griswold, Latin; Frederic W. Stearns, history; Florence P. Robinson, history.

In the afternoon very interesting class day exercises were held. The program was as follows: music; President's address, J.J. Schindler; class poem, T. A. Boerner; music; presentation of portrait of Professor Irving, C. M. Luling; response, Professor E. A. Birge; music; address to lower classmen, A. E. Buckmaster; valedictory, Nettie L. Smith. "Buck's" was very good.

At the conclusion of these exercises the class marched up the campus and held funeral services at a grave near Main Hall. The order was as follows: dirge; remarks by chaplain, Annie A. Nunns; funeral oration, W. B. Huff; requiem; class elegy, Anna M. Ruch; recessional. These class-day exercises were somewhat different from previous ones, but as I have never been present before I am unable to make a comparison.

In the evening 89's class drama, written by W. A. Curtis, was presented to an immense audience. It was well written and finely acted. It

would of course be chiefly interesting to University students. This is the second play that Curtis has written.

1889 June 18. Tuesday. Alumni day. Business meeting in the morning and dinner at the Hall at one o'clock. Hon. W. F. Vilas addressed the law class in the evening. I did not hear him; was busy working out my latitudes.

June 19. Commencement week was concluded with the exercises at the Hall this morning. Program: music; prayer; music; dissertation, A. W. Richter, "The Beneficial Influence of Mechanical Inventions"; oration, C. B. Bird, "Monuments"; dissertation, Lillie D. Baker, "Some Dangers of College Specialism"; oration, F. H. Whitton, "Evolution"; music; dissertation, "The Development of Genius", J. B. Kerr; oration, "Sheridan the Soldier", F. G. Kraege; dissertation, "The Undue Extension of the Theory of Evolution", J. H. Powers; oration, "Minstrelsy", Helen Smith; music; dissertation, "The History of the Discovery of Universal Gravitation", H. C. Lord; oration, "How to Live Well", Sarah B. Flesh; dissertation, "The County Jail", Ada E. Griswold; oration, "The Tendency of Scientific Philosophy", W. R. Smith; conferring of degrees; benediction. I did not hear all of the exercises, so cannot say which was the best. Whitton's is very highly spoken of by many. The graduating class this year is the largest that the U.W. has ever turned out. They are distributed as follows:

Arts 12, letters 18, English letters 24, science 10, civil engineering 4, mechanical engineering 3, metallurgical engineering 1, pharmacy 16, law 74. Total, 162.

All of last year's fellows were re-appointed, except Miss McFynn, who declined to take it another year. The following additional fellows were appointed from the present graduating class: J. B. Kerr, F. H. Whitton, J. H. Powers, Belle Flesh, A. W. Richter. Several second degrees were given.

Will start for home at five a.m. tomorrow.

June 20. Waukesha. Got home this morning at seven. Found everything about as usual. Father is about the same as he was at Christmas.

Another school year is gone. I have worked hard and am in general satisfied with the results. My work at the Observatory has brought me nothing more than my room, but next year I shall have the job of running the time service which will bring \$50 a month. Lord will keep the job until the first of September.

June 22. Played ball against the Industrial School nine today and got done up to the tune of 17 to 2.

June 29. Played ball again at the Industrial School today and were licked again. Hurt my thumb like the deuce trying to catch a fly.

July 4. The glorious Fourth of July. Waukesha pretended to get up a celebration this year, but it was more or less of a failure. The rag-a-muffin procession in the morning was not worth looking at and the bicycle race and scotch games in the afternoon were a regular farce. The fireworks were pretty good, but were let off in that miserable hole near the Methodist Church where there are so many trees that you could scarcely see them. There was a good ball game at the Fair Grounds in the afternoon between the

Waukesha Nine and the Chamber of Commerce Nine from Milwaukee. It was an easy victory for the Waukesha boys. They also won a game at Mukwonago in the morning. Gibson from Delafield pitched in the afternoon game. He is a good twirler.

1889 July 31. Picked black currants today. Expect to go camping tomorrow at Crooked Lake with the Hardy boys.

August 4. Sunday. Got back from camping last night at six o'clock; had a glorious old time. We camped on the shore of Crooked Lake directly west of Beulah Island. (Two and one-half pages of the "little book" are given to a description of the events of this trip. These details will be omitted with the exception of the big fish story. It is written that the recorder caught a five-pound pickerel, the only one caught on the trip)

August 14. Went to Fred's early this morning to go hunting. He was busy stacking oats so had to go alone. Went into Jones' woods and got two partridges. Weather cool, mosquitoes awful thick.

CHAPTER IV

DIARY OF A SENIOR 1889 - 1890

1889 August 26. Monday. Here we are at Madison again. Left home yesterday evening at 7:30. Well, everything looks natural around here. The train was late and when I got to the Observatory everything was dark, but I crawled in a window and slept on the sofa in the clock room. In the morning I found a note from Mrs. Brown inviting me to take my meals with them (at the Observatory House) until I could find a boarding place. I went over to breakfast and enjoyed it very much. Little Madeline was afraid to sit near me at the table. Mr. and Mrs. Brown and the children were east on a visit to their homes for a couple of weeks in the first part of August.

Prof. Comstock left Saturday to attend a scientific convention at Toronto. He will be gone about two weeks. Lord has left the Observatory, but has not yet gone. He has obtained a position with the Thomson and Houston Electric Light Co. of Lynn, Mass. and will leave Thursday noon. He will go by way of Baltimore and Washington and by boat to Boston - nice trip.

We are going to lose Egbert, too. He has obtained a position as Professor of Mathematics and Astronomy in a Universalist Church College at Akron, Ohio. It is only ten miles from his parent's home. Salary \$1450. I am sorry that Egbert is to leave here but am glad that he has gotten an advance. Went boat riding this evening with McGovern and Wolfe who have had my room all summer. I am sleeping in Harrington's room until school begins. Have bought Lord's boat for twelve dollars.

Am busy learning my new work in the time service, but it is cloudy this evening so that I cannot observe. Everything is very dry here, much more so than at Waukesha. There has been only a sprinkle since August 8 and 0.67 inches during the whole month.

August 27. Went in swimming with McGovern, Wolfe, Blix and Donahoe this morning. Donahoe will be back to school again after canvassing for the National Library Association for about six months in West Virginia. Took supper with Lord this evening. Observed a little but did not have much success. I use the Fauth Transit in the Students Observatory and observe by the eye and ear method. I think that I shall like the work.

September 1. Sunday. Just as we were going to bed last evening who should come along but our friend, R. B. Green. He was on his way home from a trip out west through Iowa, Nebraska, Dakota. He is the same old chap as ever. He is going home tomorrow morning.

This p.m. I reduced a time sight taken last evening. The results were excellent. The individual corrections to chronometer were $-5^s.92$, $-5^s.93$, $-5^s.94$, $-5^s.92$, $-5^s.92$, a range of 0.02 of a second.

Have been boating every day so far. Just a sprinkle of rain this evening.

During the past week the National G.A.R. Encampment has been in progress at Milwaukee. From reports I would judge the encampment was a success. The weather was magnificent, perhaps a little warm. Thursday evening

there was a sham naval battle on the lake. Thirty thousand seats had been erected along the shore. The seats were paid for by Capt. Pabst, one of Milwaukee's big brewers. It was estimated that there were 200,000 strangers in the city. In a few years the old soldiers will be gone and G.A.R. encampments will be things of the past.

1889 September 5. Rained again today; let the good work go on. Some of the old students are beginning to turn up. In a week the woods will be full of them.

September 8. Sunday. Went with Wolfe to hear Rev. Crooker preach this morning. Fine sermon, "The Bread of Life".

September 9. Slight rain today. Freshmen beginning to file in.

September 10. Still the Freshmen come. Have been fixing the batteries and the bells and wires in North Hall today.

September 12. What a handshaking it has been for the last two days. Almost everybody is back and the Freshmen are still coming. 220 Wednesday evening; by far the largest class ever entered.

September 14. Literary Societies held their first meetings last night; lots of Freshmen up. I had the honor of being inaugurated president of Hesperia yesterday afternoon. Parker and I fixed up the U.W. telegraph line. It was broken in two places. Took time last night after society was out; got to bed about three o'clock. Took a row on the lake this evening and went in swimming at Picnic Point. McGovern, Green and Hardy were along.

September 15. Sunday. Hard wind from northwest and cold; no more swimming. Went to Unitarian Church this morning; fine sermon, "The Ways of Salvation". I could not help thinking if some of my orthodox friends had been there, how shocked they would have been. The way to salvation is to search for the truth, study nature, the universe, man and God. Believe whatever your reason tells you is true and live an upright, honest, good and useful life. The example of Christ is worthy to be followed, but mere belief in him will save no one.

Observed this evening.

September 16. College work is beginning in earnest now. My studies for the term are: Psychology 1, Geology 3/5, Dramatic Reading 2/5 - Macbeth, Differential Equations 1. Differential Equations comes at 8 o'clock, very nice study. I make the clock comparisons at 9 o'clock.

Class meeting this afternoon for election of officers. Robinson, president; Moe, vice-president; Bennett, secretary; Lathrop, treasurer.

The black silk plug was adopted as the class hat. A committee was appointed to interview the Pharmics and ask them not to adopt the silk plug as their class hat. Olson was elected manager of the senior ball nine.

September 18. Tonight was public evening at the Observatory and I took charge of the large telescope, Prof. Comstock being busy with his prism work in the Students Observatory. There were about forty visitors.

Jupiter was the object looked at. It was rather low, but the markings showed quite nicely the first part of the evening.

1889 September 20. The planets Saturn and Mars were in conjunction last night. I saw them at about four o'clock this morning when they were so close that they could not be separated with the naked eye. They were about 40' to the north east of the star Regulus and about 6° to the east of Venus.

Literary society tonight. I led the affirmative of the second debate; Resolved that the southern states were justified in seceding from the union. Decision two to one in favor of affirmative.

September 21. The first of the class league ball games was played this morning, Senior and Junior. Score 17 to 5 in favor of Juniors. Our pitcher, Ben Parkinson, was absent so that we played at great disadvantage. Rowley, Simpson and Balcom each tried pitching but none of them made a success. I played third base but caught while Simpson pitched. Hooker, 1st b; Brumder, 2nd b; H. Parkinson, s s; Simpson, c; Balcom, 1 f; Lathrop, c f; McMynn, r f. The Freshmen and Sophs played in the afternoon, result 18 to 6 in favor of Freshies. During the afternoon John (janitor at the Observatory) and I moved the President's clock from his old office to the new one. It has been quite cool during the week.

September 22. Sunday. Went to Unitarian Church this morning; good sermon on the "Book of Genesis".

W. N. Parker is sick with malaria fever. Have heard from our friend Lord. He is working for the Thomson, Houston Electric Co., Lynn, Mass. He likes the job first rate but complains of the long hours, 6:30 a.m. to 6:00 p.m., one hour off at noon. Slight rain this morning.

September 27. Friday. Aegis meeting this afternoon to consider the resignations of Frawley, Mayhew and Townley. R. B. Hart was elected in my place. J. C. Joyce and C. F. Hardy to the other two places. Robinson was elected President of the Association in place of Hart, and Ryan secretary in place of Robinson. I was obliged to resign my place on account of too much work. My work at the Observatory together with my regular college work is keeping me extremely busy. I have been on the Aegis for about a year and a half and am glad to get off. It did not take so very much time, but it was not always easy to find something to write about.

The Juniors beat the Freshmen in a game of ball this afternoon. Butt pitched for the Freshmen and Grover, a law student, for the Juniors. Literary society in evening.

September 28. Senior-Sophomore ball game this morning. Closest game that has yet been played; 9 to 8 in favor of Seniors. Ahara pitched a good game for the Sophs. Parkinson pitched a fine game also. Parkinson and Simpson make a good battery. I played center field.

In the afternoon President Chamberlin and about fifteen of the geology class went across the lake to Maple Bluff, Governor's Island and other places on a geological excursion. We got a good number of specimens and had a very pleasant time. The day was perfect. Got back at about 6:30.

The sophs have tried several times to haze a freshman named Riley, but he is too much for them and has twice dispersed his assailants with a revolver; no one has yet been hurt.

1889 September 30. The Dane County Fair has been held here during the past week. I did not go but I guess that I did not miss much. Saw the balloon ascension and parachute drop from the Hill.

There was an interesting game of ball at the Fair Grounds today. The Omaha team, champions of the Western Association, played against the U.W. nine. Davies and Mills of the Milwaukee team were the battery for the U.W. nine. This was the first time Davies had been to Madison since he left the U.W. last spring to pitch for the Milwaukee team. He has been very successful and is now one of the best pitchers of the Western Association. It was largely due to his fine pitching that Milwaukee was able to advance from eighth to fifth place. He was given an enthusiastic welcome by the students today and responded by pitching an excellent game, striking out no less than fourteen men. Nichols and Nagle were the battery for Omaha. They did some fine work. Nichols is an old Madison boy and is now probably the best pitcher in the Western Association. The game was interesting and close, but resulted in a victory for Omaha; score 3 to 2.

Called on Professor and Mrs. Brown last evening at their new home on Langdon St. Met Professor Jastrow there. He seems to be a nice fellow, a very good conversationalist.

October 4. Junior-Sophomore ball game this afternoon resulted in a victory for the Juniors. The Juniors seem to be invincible. They have won all three games so far. Literary Society in evening.

October 5. Senior-Freshman ball game this morning. We won it by a score of 19 to 8. Simpson's hand was sore so that I had to do the catching. Had but two passed balls. Butt caught a miserable game for the Freshmen.

There has been a convention of Good Templars here during the week and Thursday evening about thirty came to the Observatory and wanted to look at the moon. It was not the regular night for visitors, but we let them in and I showed them the moon with the large telescope and then took time afterwards.

October 6. Sunday. Did not go to church today, too cold. Observed in evening.

October 7. Monday. Flunked in "Psyc" today. Quite a fire downtown last Friday; burned out Mayer's Drug Store.

The New York Base-Ball Club has won the pennant of the National League. The order of the other clubs is as follows: Boston, Chicago, Philadelphia, Pittsburg, Cleveland, Indianapolis, Washington. Boston was very close to New York and it was not until the last game was played that the championship was settled. On the last day if Boston had won and New York had lost Boston would have had the pennant.

October 11. Another attempt was made last night to haze the freshman Riley. He was found unarmed in the room of one of his classmates, and

forcibly taken from the room by several masked persons. His cries of "murder", however, brought several neighbors to his assistance and his would-be hazers fled. There is likely to be further trouble in the camp.

A game of ball this afternoon between the Senior and Junior nines proved to be most interesting and the most exciting one that has yet been played this fall. The two teams are well matched and it was nip and tuck to the finish. The class league games are of seven innings. At the beginning of the seventh the score was Seniors 4, Juniors 2, and it looked like game for the Seniors, but the Juniors got a batting streak and tied the score. In their half of the eighth the Juniors increased their score to seven and it looked dubious for the Seniors. But they, too, got a batting streak and chased two men over the plate and had men on third and second with none out. At this juncture, however, I knocked a foul fly which was caught by the catcher and upon which the man on third, Simpson, attempted to score. He was caught at the plate but Lathrop had advanced to third and a minute later was caught napping off the base, thus ended the game 7 to 6 in favor of Juniors. I lost four month's pie on the game. Considerable money changed hands.

1889 October 12. Freshman-Sophomore game in morning won by Freshmen.

In afternoon there was a game at the Fair Grounds between the University and the Madison Whiting clubs. Davies and Sheldon, Nichols and Cossiboin were the batteries. In the sixth inning Cossiboin's hand was hurt and as no one could be found that would catch Nichols the game was called. Score 2 to 2. (Nichols threw the fastest ball that the recorder ever tried to catch).

October 14. Monday. Went for a long boat ride this afternoon to the head of Fourth Lake. Splendid day, too nice to study.

October 15. Yesterday afternoon the Faculty suspended four Sophomores, Flower, Hamilton, Munger and Oleson. It seems that during the first part of the term the Sophomores tried to break up a Freshman class meeting. The President appeared on the scene and caught the four persons named. He told them that he would hold them responsible for the actions of the Sophomore class during the year, and if there was any disorderly conduct by members of that class these four would be suspended. Last Thursday night some Sophomores again attempted to haze freshman Riley and these four men who had nothing whatever to do with it have been suspended. This appears to be the rankest kind of injustice. I cannot for the life of me understand how the Faculty can hold four men responsible for the actions of the whole class and besides an attempt to break up a class meeting is no offense; it is a matter of custom and the Faculty should look upon it as such. It seems to me that the Faculty is getting altogether too particular; they expect boys to act as old men; these little tricks are meant as matter of fun and should be taken as such.

October 26. Senior-Freshman ball game this morning; score 12 to 6 in favor of Seniors. Junior-Sophomore game in afternoon; 20 to 19 in favor of Juniors. This ends the class league games and gives the championship to the Juniors who have not lost a game. The Seniors come second having lost only two games played with the Juniors. The Freshmen are third and the poor Sophs last, not having won a game. These games have most of them been very interesting and I hope the class-league games may continue as an important

part of athletic life of the University.

1889 November 2. For the past two weeks the daily routine of college life has been broken by a very peculiar proceeding. Soon after the last attempt to haze Riley on October 10, the Chief of Police, Adamson, entered a complaint in the Municipal Court against several students for riotous conduct in the attempt to haze Riley. Before issuing warrants Judge Keyes took it into his head to investigate the matter, and so a number of students were subpoenaed to appear before the court and testify. Lawyer Bashford on the part of the students, objected to proceedings on the ground that they were illegal but the objections were overruled by the court and the examination commenced. Riley himself was called but the information gotten from him was very little. He told his story but said that he did not know any of the hazers. The judge tried his best to mix the little fellow up but he did not succeed. Riley got rather impudent at times and it was worth a dollar to listen to his testimony. A great many witnesses have been examined since but the only thing learned is that probably D. M. Flowers was one of the hazers. The proceedings took a different turn a few days ago when A. M. Long refused to be sworn, Mr. Bashford entering objections on behalf of Long. The court then adjourned till the next day when the objections of Mr. Bashford were overruled and Long again called to testify. He again refused and the court adjourned until Monday when a decision will be given.

It is the general opinion that the Faculty of the University is at the bottom of the whole affair. It seems to me to be an entirely unnecessary and an extremely unwise plan. The matter has been taken up by the papers all over the state and of course injures the reputation of the University. Outsiders do not understand the facts of the case and to read the accounts in some of these country newspapers one would get the idea that the University students were a set of hoodlums, ruffians and liars. To be sure there are a few wild-headed ones but the majority of students are hardworking, peaceable fellows who unconditionally condemn hazing. Hazing is generally looked upon as a relic of barbarism, but in my opinion it is not all together without merits. I don't uphold hazing as formerly practiced, that is, subjecting a person to physical torture and exposing him so that his health may be injured. But a well-conducted dormitory trial such as we have had here for the last three years is very often productive of more good than harm.

I was talking a few days ago with a student who was hazed last year for being too "fresh". He told me that he never had the first idea until the night he was hazed that his actions were at all "previous" or out of the way. He has behaved himself much better since. At these trials there are always a good many upper classmen present and they will always interfere if any injustice is done the prisoner.

Immediately after the boys refused to testify Judge Keyes issued a warrant for the arrest of D. M. Flowers charged with riotous and tumultuous conduct. Flowers pleaded not guilty and his bond was fixed at \$300 which was procured. Mr. Bashford immediately applied for a change of venue to the circuit court and it had to be granted. The court meets about the middle of this month and his case will come up then.

The Faculty seems to have become discouraged with the proceeding down town and have taken it upon themselves to investigate this hazing scrape.

They have been examining witnesses all day but as yet have not arrived at anything definite. May the devil take them.

Last month beat the record for dryness. There was not a measurable amount of rain during the entire month. On three days there was just a sprinkle and that was all. This month has started out better, there being quite a rain yesterday. The lowest temperature during October was 29°.

Professor Hall, Consulting Director of the Observatory, came Thursday and will stay about a week. Professor Comstock's eyes are still very bad. It is now nearly a month since he has not been able to use them. Mr. Flint, the new assistant astronomer, came today, but I have not seen him yet.

At the senior class meeting yesterday we adopted a class cane and a class pipe. Green, H. Parkinson and myself are on the committee to select the class pipe. A class pipe is a new wrinkle but the class of '90 is noted for such things.

1889 November 4. Monday. In the Municipal Court this afternoon Judge Keyes read a very long production to justify his action in this "hazing inquisition" as it is called. The students who refused to testify will be given another chance on Wednesday and if they again refuse will have to take the consequences of contempt of court.

The Faculty still continues its investigation. Met Mr. Flint this morning. He is a quiet reserved sort of a man about 35 years old. He has been assistant at the naval observatory for several years.

November 6. Col. Vilas argued a writ of prohibition before the Supreme Court yesterday to stop Judge Keyes in this "hazing inquisition". An injunction was granted and next Tuesday both sides will be argued before the court. Col. Vilas will appear for the boys and S. U. Pinney for Judge Keyes. An exciting time is promised. Col. Vilas made a strong case yesterday.

Public night at Observatory. I showed the moon to about 150 visitors. The crowd was very unruly and broke the two front castors of the observing chair.

November 12. The writ of prohibition was argued before the Supreme Court today by Col. Vilas and S. U. Pinney. Both speakers were very animated and Col. Vilas' speech was very fine. The Court will probably not render its decision for some time yet.

November 13. Senior class meeting today. The question of class picture came up and it was decided by a very close vote that the class would present the picture of Professor Heritage. The only other name before the class was that of Ex-Governor Washburn. I should like to have seen his picture presented but the majority of the class thought they would rather have that of Professor Heritage.

The committee on class canes reported progress but were not able yet to present any samples to the class. The committee on class pipes reported and produced several samples to show the class. Quite an anti-pipe sentiment had arisen and it was moved and seconded to discharge the committee from further duty and to drop the pipe matter. A very spirited discussion

followed but the ladies voted solid against the pipe so that the motion was carried. However, a number of the class stayed after adjournment and a nice briar pipe was adopted as the pipe for the "Smokers of Ninety". The pipes will be nine dollars a dozen.

1889 November 14. Quite a snow today, first of the season.

November 16. Was out for a row this afternoon. There is quite a covering of ice on that part of University Bay west of the sand-bar.

November 17. Sunday. Took a walk to the cemetery this afternoon with Hardy, Green and Quale.

November 24. An important event in the history of the American continents has just occurred. There has been a revolt in Brazil and the only empire in the Americas has been overthrown. There was no defense offered by the empire and the Emperor and his family have left for Europe. The new government is a republic. The Emperor has been given a pension for life. Let the good work go on.

November 27. Yesterday afternoon the case of State of Wisconsin against Dudley M. Flowers, a Sophomore of the University, for riotous conduct and complicity in an attempt to haze Riley was taken up in the circuit court. Several witnesses were produced by the state and one of them was President Chamberlin to whom Flowers had made a confession. The President was an unwilling witness, but the Judge would not excuse him from testifying. He admitted in the cross-examination that it was he who had started the proceedings.

Bashford and O'Connor were counsel for Flowers. The case was concluded this morning and Flowers was found guilty. The maximum punishment is \$500 fine or one year imprisonment. This whole affair seems to me to be the most unwise and foolish proceeding I have ever heard of. When it comes to this that the president of this University has to seek the aid of the courts in trying to govern this institution then I think it high time that we had a new president. It has advertised the University far and wide in a manner that will be anything but beneficial. President Chamberlin, it seems to me, has completely demonstrated his utter inability to fill the office of president. He is totally ignorant of human nature and no more fit to govern a large body of students than a country school-master. Instead of being looked up to and revered by the students he is criticised and laughed at. As a scientist I admire him, but as president of the University I almost despise him. Several of those implicated in this attempt at hazing have left the University, Hewitt, R. B. Oleson and Pettis.

November 29. Another large fire at Boston yesterday. Loss \$60,000,000. Have been trying to write an essay today and yesterday. Subject, "Lick Observatory". It is detestable work but it has to be done.

Skating on Third Lake Bay, also on University Bay; have not been yet. No meeting of Society tonight. Observed variables with the 15½ inch until one o'clock. Temperature 17° in the dome when I quit.

December 2. Judge Stewart today passed sentence on Flowers for his conviction in the Riley hazing case. The sentence was a fine of \$10 and costs, amounting in all to about \$80. The students who testified have

turned in their witness fees which will reduce the amount nearly half. The sentence is as light as could be expected.

1889 December 3. The Supreme Court today decided the question with regard to a writ of prohibition to stop the hazing inquisition at the Municipal Court. The decision was in favor of Judge Keyes and I suppose the old cuss will start his mill going again now. The boys seem to be coming out of the small end of the horn in this business. Flowers has paid his fine and skipped the country so that they cannot get him to testify in the Municipal Court.

The Fifty-first Congress meets today. It will be increased by several new members from the four new states, North and South Dakota, Montana and Washington.

Sunday night there was a terrible fire in Minneapolis which destroyed the Tribune building, a seven story structure. The flames shot up the elevator shaft thus making the means of escape for the workmen difficult. Between ten and fifteen perished in the flames.

December 4. Reed of Maine has been elected speaker of the House of Representatives. The republicans have a working majority in both houses and with the President with them I hope something but filibustering may be done this winter. The President's message was very long, but it appears to be a very able and sensible document. It has no special features but treats of all the questions of importance that now claim the attention of our statesmen.

By the action of the Faculty last Monday those students who refused to testify in the Circuit Court on the ground that it would criminate themselves were suspended until it should appear what was the degree of their complicity in the hazing affair.

December 5. A college meeting of the students was held this afternoon to take some action on this wholesale suspension business that the Faculty is engaging in. There was a large crowd in attendance. W. J. Quale was elected chairman and after a few remarks by the chairman and others someone moved to invite President Chamberlin to address the meeting, but the majority thought that it would be simply a waste of time so the motion was voted down. A motion prevailed to appoint a committee to draw up resolutions. There was much discussion for and against the resolutions but they were finally carried by a large majority. The resolutions are not strong enough to express my sentiments, but I did not urge the passage of stronger ones for fear that it might influence the Faculty with regard to reinstating the four men now under suspension. I hope though that the resolutions may be of some good.

Henry M. Stanley, the noted African explorer, has just completed a two year's trip into the interior of Africa where he went for the purpose of rescuing Emin Pasha and his party who were supposed to be in the hands of hostile natives. Stanley accomplished his object and he and Pasha have arrived at Zanzibar, after many perilous adventures and much hardship and suffering. Several times Stanley was reported to have been killed by the natives but all the reports have fortunately proved to be untrue.

December 6. There was a special meeting of Hesperia at four o'clock

this afternoon for the purpose of electing a semi-public debator in the place of Flowers who has left the University. Putnam who was on for an essay was put on the debate and W. Brown elected in Putnam's place. Atwood was elected as toaster in place of Watson who resigned from the Society to join the Engineers' Association.

The Athena boys had their Semi-Public tonight. I did not go as it is the first clear night we have had for six days and I thought I had better observe. I worked for several hours on the variables but the atmosphere was rather hazy and the moon was shining brightly so that the work was rather unsatisfactory.

At about noon today occurred the death of Jefferson Davis, President of the Confederate States during the Rebellion. Thus has passed away one of the most important figures of that period. He was a man of much learning and great ability, and was dearly loved by the southern people.

I often think that we northerners look at the Rebellion and the people engaged in it in altogether a wrong light. These people were born and bred slave-holders and in the act of secession and rebellion they were defending what they supposed to be their rights. If we had been placed in similar circumstances could we have thought and acted otherwise? Are we responsible for the position and condition in which nature puts us? Jeff Davis, as he is usually called, was eighty-one years old.

December 9. While at the Differential Equations class Patrick brought the news that Professor Allen was dead. He died very suddenly a little after seven o'clock this morning. He had been sick but a short time and was thought to be getting better. All classes were suspended for the rest of the day. In his death the University has lost another one of its ablest men. He will be deeply mourned by all who knew him, faculty, students, alumni, neighbors, all. Professor Allen's place will be hard to fill, both his place as an instructor in the University and his place as a man of learning. He has been connected with the University for 22 years and deserves much credit for the share he has taken in bringing the institution to the position that it now holds. His first chair was that of Latin and other ancient languages, but in later years was changed to the chair of History. His work in history has been very extensive and he was probably the best authority in America on ancient history. He was the author of several books and numerous magazine articles. He had just completed a history of Rome.

Professor Allen was a man of great character and most highly esteemed by all who knew him. He was a warm and trusted friend of the students, one on whom they could depend, one whose advice was desired and which was always worthy to be followed. Professor Allen was only fifty-nine years old, and thus has closed prematurely a most useful and valuable life.

December 11. Gen. Atwood, proprietor of the Wisconsin State Journal, died very suddenly this afternoon. He was over seventy.

December 12. Professor Allen's funeral was held at Library Hall this afternoon. The Hall was packed full of the friends who had come to pay their last tribute to one who will be missed so much. There were two pictures of Professor Allen on the stage and these and the coffin were beautifully covered with flowers. Professor Butler read a passage from the Bible.

Professor Frankenburger read a poem at the special request of Mrs. Allen, and the funeral address was delivered by Rev. Mr. Crooker. His words were eloquent but no man was ever more worthy of praises heaped upon him than was Professor Allen. His integrity of character and modesty of manner was the esteem of all.

1889 December 15. Sunday. Beautiful weather for this time of the year. No frost on ground. There were a lot of town fellows playing a game of ball in the Fair Grounds today.

One week more and this term will be ended, won't I be glad. Then only two terms more. Whoop-a-la!

December 16. We have an examination in "Jackstraw's" "Psyc" tomorrow and another one Thursday; Stearns' "Psyc" Wednesday and Geology Friday from 12 to 1. No examination in Differential Equations.

December 21. Have had no time to write since Monday; too busy with examinations, but I am glad to say they are all through with now. The "exams" were not particularly hard but plenty hard enough. I wrote six pages in Geology.

Wednesday night I went to a show at Turner Hall and Thursday night to hear Levy Concert Co. at the Congregational Church. The cornet playing by Levy was very fine, the finest music I ever heard in that line.

There was quite a snow storm Thursday night, but it has been raining this afternoon so that the snow is mostly gone. There is a new sidewalk being built to the Observatory but it is not finished yet. The hill east of the house has been cut down considerably so that it is not nearly so hard to climb now. Thunder storm this afternoon.

December 22. Sunday. Went to Unitarian Church this morning. Am boarding at Cooley's club this vacation. Worked on variables this evening, going over the whole list.

December 23. Went downtown this morning and got a class cane; pretty nice. Went to Professor Daniell's to get my report. "Psyc", fair; Dramatic Reading, good; Differential Equations and Rhetoricals, excellent. No report yet in Geology. My standing in Psychology is a little low but it is perhaps all I deserve; but the deplorable thing about it is that most of those that got highest standings are the ones that least deserve them. There was no end to the number of "ponies" used and some even had the audacity to copy directly from the book. Those that got low standings are the ones that did conscientious work. Feeney and Finn were conditioned by Prof. Jastrow.

December 24. Most remarkable weather; the temperature today went up to 60° the highest known December temperature since a record has been kept at the University, which is 1854.

December 25. Christmas. Had dinner with Professor Comstock and his father and mother. Went for a boat ride in the afternoon, not quite so warm as yesterday. This is the first Christmas that I ever spent away from home.

1890 January 1. Three a.m. The old year has gone and now begins the

last decade of this century. (A year ahead of time) It is pleasant to look over the past but how much more pleasing is it to imagine the future. The past has not been all sunshine, troubles and misfortunes have come that we never dreamed of, but how different is the future. We form our ideals, and make our plans on the supposition that everything will come to pass as we would wish but, alas! too often our castles are builded in the air and it is with anguish that we see old Father Time crumble them to pieces.

Forget the past and trust to the future. 1890, what have you in store for us? Who can tell?

I am going home on the five a.m. train for a couple of days vacation. I did not go to bed for fear I would not wake in time. Finished making out the December weather report at about twelve o'clock and am now killing time until four. I am too sleepy to study, for I did not go to bed last night. It was bright moonlight in the evening so that I could not work on my variables, but I commenced at about 12:30 and worked till six. I got a good night's work. Temperature was twenty.

It is trying to snow now. Total rainfall for 1889 was 18.05 inches. Third Lake is all frozen over, but Fourth Lake only partly. Have not been skating this winter yet.

1890 January 5. Sunday. Have been home and got back Friday evening at six o'clock. Found everything about as usual. Considerable influenza in Waukesha. Influenza is simply a very bad cold. It has become epidemic in Paris and is spreading quite rapidly in this country, but has not yet become epidemic in any locality.

Went to the Congregational this morning. Dr. Richards read his resignation as pastor to take effect February 1. He goes to one of the Congregational Churches of Philadelphia. He has been pastor of this church for nearly 23 years. Dr. Richards is a fine preacher and a very popular man, one that Madison can ill afford to lose and one whose place will be hard to fill.

January 11. Saturday evening. Well, the first week of school is already gone. Everything is about as usual, almost everybody is back. The influenza has a good grip on the city of Madison and the doctors are nearly worked to death. Several of them are sick with it themselves. It has not become epidemic among the students yet, but a number of them have been afflicted with it. It is still raging in Paris and there are about 800 deaths a day. The infant king of Spain has been afflicted with it and it has taken a very dangerous turn, so that his life has been despaired of for several days, but this evening's paper reports him in a somewhat better condition. Empress Augusta, widow of the late Emperor William of Germany, died from an attack of influenza a few days ago.

Literary Societies met again last evening. Attendance in Hesperia was small and the debates poor. After recess a picture of the society was taken for the Annual. Pyre, one of the Semi-Public debaters, will not return this term, and as we have no good man to put in his place the Semi-Public will not be held this year.

The weather continues to be extraordinarily warm. There was a rain of three-fourths of an inch last night and there is a dense fog tonight.

1890 January 17. Friday. Well, I have had my dose of the grip and I never want another one. (Ha-ha, vain hope) It did not last long, but while it did last it was the queerest, meanest, most disagreeable feeling I ever had. I woke up Tuesday morning and realized that something had a hold of me. Did not go to breakfast, but went to classes. I could not stick it out though, and had to leave Ethics class before the recitation was finished and came home. For the rest of that day I thought I was in a regular hades sure; ache, ache, ache, back ache, legs ache, head ache, eyes ache, everything ache; no appetite, ate nothing from Monday supper until Tuesday supper. Tuesday evening I had a fever, pulse 120. Wednesday morning fever was gone, but stayed in bed Wednesday. Professor Comstock brought me my meals; he was very kind to me. Green and Parker were also up several times and brought me several things. John was very good also; he went downtown and got me some medicine and waited on me all the time. Thursday got up and went over to Professor Comstock's to dinner and supper. The disease is rightly named. It is grip with a vengeance. There are about 700 cases in this city now. (Missed classes for four days, the only absences in four years of college work.)

Lake Mendota closed over Tuesday night, nice smooth ice, splendid skating. Don't I wish I could go. First zero weather this winter was yesterday morning.

Walker Blaine, eldest son of Secretary Blaine, died Wednesday evening of pneumonia which followed an attack of the grip. Numerous deaths are reported from all sections of the country.

January 28. There are still a great many cases of grip in Madison. Nothing of importance to write about. The papers are filled with the usual number of murders, suicides, snow-blockades, railway accidents, shipwrecks, etc., etc., but if I should attempt to chronicle them all what a diary I would have. Oh yes! we had a Senior class meeting yesterday and elected officers. President, A. J. Olson; Vice-President, Miss Parker; Secretary, W. E. Bradley; Treasurer, Miss Ela. The subject of class ring was brought up and a committee appointed to investigate. Some annual business and some other minor things transacted.

My studies for the term are: Ethics 1; Differential Equations 1; Geometry of Three Dimensions 2/5; English Philosophy 3/5. They are all nice studies.

February 25. For the last month I have been so confounded busy that I have not had time to keep track of things. For the past two weeks I have been trying to write an oration and ought to be working on it now instead of fooling with this thing. There has not been much to write about though, everything is going along about as usual. The weather has been very fine to within a few days; a week ago Sunday, February 16, it was almost like summer. February 19 we had the biggest snowstorm of the winter and since one o'clock today it has been snowing and blowing a regular blizzard. It is nice though for a change, seems a little more like winter.

On February 15 I went skating for the first time this winter and have several times since, but the snow has spoiled the skating now.

Several weeks ago a "Spencer Club" was organized for the purpose of reading Herbert Spencer's "First Principles". The club is composed of

Misses Blanche Harper, Potter, Marshall, Barber, West, Mueller and Sercombe, Messrs. Robinson, Birge, W. M. Smith, Harrington, Kronshage and Townley. We meet every Wednesday evening at the Hall (Ladies Hall) at 6:45 o'clock and read for an hour. We have not gotten very far yet and it is pretty tough. I hope to get something out of it though. We have just finished the study of Spencer in the English Philosophy class. It is immense.

Last Friday evening occurred the Joint Debate and we have lost again. Athenians are consequently extremely happy. It is the sixth one straight they have won from us. The program is attached on the opposite page. (The question was "Resolved, That the existing tariff laws of the United States should be so modified that by the year 1900 all raw material should be admitted free, and that the duty on manufactured goods shall be reduced to a revenue basis.") Cooley had a good debate, Wheeler's was good but Heffron was no good. He did not come up to the expectations of anyone and left five minutes of his time. He spoke largely extemporaneously and after a little had the appearance of talking against time. Wolfe did not do quite as well as I expected, but Swanson was good and McGovern had as fine a debate as I ever heard. He was as good as any two men on the debate. His delivery was very forcible and his argument sound from beginning to end. McGovern is the man that won the debate. (Athena had the negative.)

Yesterday the House voted to hold the World's Fair of 1892 in Chicago, so New York is left.

1890 March 5. Cold again, 12° below zero. Last Friday had to fix the clock lines down at the Journal office. The electric light men had busted the wire and left it twisted around a post. What monumental gall. (Several clocks at the University and several in Madison, Park Hotel, State Journal office, etc., were electrically controlled by a clock at the Observatory and it was part of the job of the recorder to keep these in order, so clock repairing and climbing telegraph poles were added to his accomplishments.)

The members of the Ethics class have been required to write essays on different ethical subjects assigned by the professor. Mine is "Ethics of Punishment."

March 14. Last Monday evening, the 10th, enjoyed a sleigh-ride to Middleton. It had been warm for two or three days past so that the sleighing was nearly spoiled, and we had to have four horses on the rig. We left the Hall at about half past five but did not reach our destination until nearly eight. About two miles from Middleton the road branches and the driver took the wrong road. After a while we arrived at Pleasant Branch and after inquiry found our mistake. We went back and after we did get to Middleton the fog was so thick that we could not find the hotel. After running around the whole town we managed to strike it at last. Supper was served and then a short time playing sinch. The party consisted of Misses Blanche Harper, Potter, West, Barber, Sercombe, Marshall, Mueller and Messrs. Robinson, Harrington, W. M. Smith, Cairns, Kronshage, Birge and Townley, the members of the club, and Mrs. Brown as chaperon. We all had a jolly good time. Miss Harper and Mr. Robinson took the first prizes at cards and Miss West and Mr. Birge the booby prizes. It rained most of the way home and the fog was so thick that we could not see much of anything. Got to Hall at 11:30. This is the first night that I have been out for a "bum" since last August.

Cold and snowing today; blowing nearly a blizzard.

Two weeks more of this term. Professor Stearns is going to be absent for the remainder of the term so that will let me out of a study and three-fifths. But we are to write a thesis in English Philosophy so that will take considerable time.

This has been a great winter for ice at Madison. It has been so warm south that St. Louis and even Chicago have had to come north for their ice. Thousands of men have been employed here and thousands of tons of ice have been shipped every day. At one place on Monona Lake near the North Western Depot about 200 carloads were shipped every day. It was quite a sight to see them load a dozen cars at a time by means of endless chains run by a steam engine. Much ice has been cut on Fourth Lake too, and several large ice houses have been built and filled. It has been a great boom for Madison.

1890 March 16. Sunday. Went to Unitarian Church this morning and took dinner with Professor and Mrs. Brown. They are exceedingly nice people and it is always a great pleasure for me to go there. Florence and Edie and Madaline are such nice little youngsters that I always enjoy a chat with them. It is much warmer today and pretty good prospects for a rain. Have not studied a bit today for the first time this year.

April 3. Have been so deuced busy lately that I have not had time to write a word. The term closed last Friday, March 28, and the week's vacation is nearly gone. The abstract in English Philosophy was a big job and I did not get it done until three days after the close of the term. Wrote twenty-six pages of essay paper. It was a good review though and did well to fix the work of the term. Had only one examination and have not got that done yet. Prof. Van Velzer gave us two examples to do in Differential Equations and they are stickers, too. I have worked on one of them about two days and have not got it yet. Had one equation that was eight feet long.

The ice has been disappearing fast for the last week and yesterday. Mendota opened up clear across, but there is still quite a piece in the bay near the farm. Parker and I were out for a boat ride yesterday for the first time this year. We went over to Picnic Point and saw a good specimen of what ice can do. When the ice was first loosened around the edges we had a strong southeast wind and it just piled the ice up on the Point. One place it was piled up 20 feet and had carried up dirt and stones by the ton. Some damage was done on this shore when we had a north wind. At the foot of Lake St. near the foundry the ice came upon the shore as much as forty feet and smashed two boat houses all to splinters. It also carried up a big boulder three feet in diameter. Last Thursday night we came near having a hurricane. I never saw such a wind. It blew all night at an average rate of sixty miles per hour and at about one in the morning the wind sheet showed a record of six miles in five minutes. It blew from the north and made immense piles of ice on the shore just north of the Observatory. Considerable snow fell at the same time and made huge drifts in some places. There are a few patches of snow left yet. It has been raining today and is quite mild.

The same night that it blew so hard there was a regular tornado in Louisville, Ky. and nearly a hundred persons lost their lives.

About three weeks ago Bismark resigned the chancellorship of Germany

and Gen. Von Caprivi was appointed in his place. Bismark and the young Emperor did not get along very well, but no one seems to know exactly what the trouble was.

Day before yesterday was election. The Democrats were successful here with the exception of treasurer and one alderman. E. R. Cox was elected treasurer against E. C. Rowley. Bashford was elected mayor against Sanborn. In the sixth ward there was a tie vote for alderman. The question of license or no license was voted and license came out ahead by 339 votes.

The election was held under the new system, the Cooper Election Law. None but official ballots can be used and the voting is strictly secret. Tis well.

In Milwaukee the Democrats made the repeal of the Bennett law their platform and whooped it up in grand style. G. W. Peck, the humorist, was elected mayor by a big majority. It was a great combination, Catholics and German Lutherans. These foreigners are a positive menace to our American institutions. They stick to the manners and languages of the old countries and most bitterly oppose the Bennett law which is simply meant to compel the teaching of English in all schools at least fourteen weeks each year. One would think that they would be eager to learn English instead of being bitterly opposed to it.

1890 April 9. College has commenced again. The last term of my senior year. It seems hardly possible that I have been here nearly four years and when I reckon up the work that I have done it is but a fraction of what I expected to do, yet I have worked hard, very hard for the last two years. I will be glad when my course is ended for then I hope to be able to take life a little easier (ha-ha), but I don't know where I will be or what I will be doing.

New Opera House opened April 1. "Prince and Pauper" was the opening play.

April 10. Twenty-three years old today. It is also Parker's twenty-first birthday. Parker, Green, Bolender and Hardy came up during the evening and together with Harrington we had quite a blowout playing cards. Apples, oranges and cigars helped to make things lively, and it was one o'clock before we knew it.

April 18. There was a reception at Library Hall this evening at which the Faculty, Regents and Senior Class were present. The Hall was very tastefully decorated, and the part under the east gallery was curtained off as a place to serve refreshments. I met several of the ladies of our class for the first time tonight. It is one of the strange things about the University that men and women will be in the ~~same~~ classes here for four years and never get acquainted, yet it is so. I think such receptions should be given much oftener and earlier in the course so that we could get acquainted sooner. Very nice time.

April 27. Sunday. Splendid day. Went for a boat ride this afternoon with Hardy and McGovern. The lake was as smooth as glass. Yesterday Green and I rowed over to Prof. Daniells. Green has an offer of a job as chemist with a mining company at Ishpeming, Mich., and he wanted to see Prof. Daniells to ask his advice about accepting the job. Guess he will go. He has

not quite the requisite number of studies, but I hope he will graduate with us.

The Senior rhetorical contest has been decided. Browne's division beat Parkinson's but by only eleven points out of over 2,000. I, as usual, am on the losing side. The losing side will give a banquet to the class.

1890 April 28. Shaved my beard off today. What a difference a few hairs make in a person's appearance.

May 4. Sunday. Cold and raining. Temperature 35°.

Friday the U.W. Nine played with the St. Paul team of the Western Association. The game was a close one and resulted 2 to 3 in favor of our boys. Augustine pitched for U.W.

Yesterday our boys went to Beloit and won by a score of 17 to 15; Rob. McCoy pitched. The Beloit boys made ten errors in one inning. Yesterday our club played against the Pointon Club and we beat them 12 to 10. Ahara and I were the battery for our nine.

Last Thursday evening, May 1, there was a senior social at Ladies Hall. About fifty were present and we had a rousing good time. Progressive conversation was one of the features of the evening. We had neat programs with about fifteen subjects upon them. The ladies did the filling out of the programs and then we started four minutes to a subject. After we were through the boys voted Miss Parker to be the best talker amongst the girls and the girls voted Mr. Robinson the best talker of the boys. After refreshment and singing of college songs we departed, all convinced that the girls of '90 had given us an exceedingly pleasant evening. Hurrah for ninety.

May 11. Sunday. Fine day, but a little cool. Went for a boat ride with Hardy and Anderson this afternoon. Was down at the Park Hotel last night until after one o'clock trying to fix the clock there. Can't find out what ails it. It will go for about five minutes and then stop.

My room has been calcimined and now presents a much nicer appearance. The old carpet has been taken up but I have not got a new one yet.

Heard from Green a few days ago. He is just getting settled in his new place, seems to like it very well.

Dr. Cummings, President of Northwestern University, is dead.

May 20. Tuesday. Last Thursday Hiram Smith, one of the Regents of the University, died at his home in Sheboygan Falls. Classes were suspended at the University Friday. On Sunday Geo. H. Paul, President of the Board of Regents, died in Kansas City where he had recently moved. Work at the University was suspended Monday. Mr. Paul had been a member of the Board since 1874. Mr. Paul was a man of sterling qualities, a firm friend of the University and a constant worker for its advancement. Mr. Paul held many other positions of trust and importance. During Cleveland's administration he was postmaster of Milwaukee. In the death of Mr. Smith also, the University has lost one of its best friends. He had been a member of the Board since 1878. Mr. Smith was a farmer and not one of the ordinary kind either. He was Wisconsin's pioneer dairyman and it is largely due to his efforts, his thrift

and energy that Wisconsin dairy products have obtained the reputation that they have.

1890 May 21. Wednesday. Yesterday afternoon the Faculty elected fellows from the Senior Class, as follows: R. H. True, A. W. Phelps, W. B. Cairns, J. W. Decker and S. D. Townley. Thus it appears that I will stay at the University for another year. The fellowships are worth \$400 a year. My work will probably be the same as I have now, the time service at the Observatory.

The Freshman contest took place last evening and was won by Miss McElroy, of Marshalltown, Iowa. I went down but the house was so crowded that I could not get a seat so I did not stay.

The ball game last Saturday between the Beloit and U.W. was a regular farce, our boys having a regular walk-away.

May 25. Sunday. There was a very exciting game of ball at the Fair Grounds yesterday between the Evanston and U.W. nines. It resulted, however, 6 to 5 in favor of U.W. Both teams did good work but the Evanston's errors were more numerous and more costly. At the beginning of the ninth inning the score was 4 to 2 in favor of U.W. Our boys got two more and the Evanstons came to bat for the last time. By a base on balls, an error, and two hits three men scored and another was on first with none out. It only needed one more run to tie the score, but that other run never came, the three men going out by two flies and a strike-out. Butt pitched for our boys and Stewart for Evanston. Stewart is a "corker" and is the same man that caught for them last year. He struck out thirteen men and only had eight hits from him. Butt pitched a fine game, eight strike-outs and only six hits and four bases on balls. Duke Campbell put up a fine game in left field and made a fine two base hit in the ninth inning, bringing in two runs.

Had a letter from Green today.

June 9. Have been awful negligent with my diary lately, must try and do better. The weather for the last few days has been very fine, but it is raining tonight. We have had no real hot weather yet. The warmest was about May 29 when the thermometer registered 85°. We have had an abundance of rain this spring, over five inches falling in May, the largest rainfall since September, 1887. I have taken advantage of the fine weather and have been out on the lake after supper, nearly every night for the past two weeks.

May 26 the U.W. nine did up the Lake Forest nine at the Fair Grounds 22 to 2. May 27 our boys played the Sioux City nine of the Western Association. It was a fine game and resulted 3 to 1 in favor of U.W. Augustine pitched. May 30 our boys went to Beloit to play the city team. Result 10 to 6 in favor of U.W. McCoy pitched.

Last Saturday, June 7, the U.W.'s went on their trip and played the Evanstons in the afternoon. Result 17 to 9 in favor of Evanston. Have not heard any particulars of the game. It is the first time our boys have been defeated this season. The game at Lake Forest today was postponed on account of rain. If they win this game it gives them the pennant, if not they will be tied with the winners of the Lake Forest-Evanston game that is yet to be played.

Harrington and I have undertaken the job of publishing a Commencement Annual. We are endeavoring to get some advertisements, but it is the devil's own job to get them. We expected to make a little money out of it but I doubt if we do.

Prof. Comstock is going to Europe this summer and will not be back until the middle of September. Work for the Seniors will be done this week and then glory hallelujah and we will be done in a few days. Senior Banquet next Thursday evening. John has been putting new carpet in my room today.

1890 June 13. Last evening was the Senior Banquet. It was a great success, the only drawback being that there were quite a number of Seniors not there. The hall was tastefully decorated and the tables arranged in a square with seats only on the outside. The reception committee were President Chamberlin and wife, Professor Frankenburger, Mr. Robinson and Miss Parker, Ben Parkinson and Miss Moseley, Mr. Drake and Miss Holt. The eatables were served by the Episcopal Guild, a sort of association of the young ladies of the Episcopal Church. It was done in good shape and the hand painted menus were very pretty. Professor Frankenburger was toastmaster. He gave a neat little toast before the eating. The other toasts were given afterwards and were as follows: "The Victory", E. E. Browne; "The Defeat", B. C. Parkinson; "The Ladies of '90", Xenophon Caverno; "The Gentlemen of '90", Miss Holt; "Our Motto", Miss Vernon. I had a very pleasant time and I guess everyone else did too. An accident happened, however, that came very near keeping me at home. I had Miss Diment engaged to go to the Banquet but yesterday afternoon I received a note stating that she had met with an accident and would be unable to attend. It was pretty late in the day to get another one but I had made up my mind that I wanted to go and I was determined not to give up without an attempt. I found Miss Sercombe sitting in the hammock in front of Ladies Hall. She objected at first but came around after a while and went. Long live the memory of the Senior Banquet.

June 14. Junior Ex. tonight. Miss Lowe was the lucky one. Program on opposite page. Dockery's was very good and so was McMynn's. Yesterday wound up the Seniors' studies.

June 20. Have been slaving all the week on the Commencement Annual. It is pretty well under way now and will be out next Wednesday. Choral Club Concert this evening, very good.

June 21. Mother came this afternoon to stay a few days. She is staying with Mrs. Comstock. Senior Contest tonight, program on opposite page. We were successful by unanimous decision of the judges. Simpson's oration was a corker. Thunder storm this evening.

June 22. Sunday. Went with mother to Congregational Church this morning to hear Dr. Bascom preach. His sermon was good but I have heard him preach better. In the afternoon was the Baccalaureate Address by President Chamberlin. Subject, "The Appropriate Moral Field of Public Educational Institutions". It was very good; an improvement, I thought, upon his address of last year.

In the evening took mother for a short boat ride and then showed her the moon with the large telescope, but clouds came over so that we could see nothing else. Very warm today.

1890 June 23. Class Day in afternoon and honor theses in morning. I did not hear the honor theses and I guess very few others did either. Class Day exercises very good. Address to Law Class in the evening by Dr. Bascom. The address was a peculiar one and has stirred up quite a sensation. The first part of the address was very good, but the rest of it was nothing but a tirade upon the decision of the Supreme Court in the Edgerton Bible case. His arguments were not logical and very far from convincing. Of course Dr. Bascom has a right to his own opinions and a right to express them but it seemed to me, to say the least, that it showed extremely poor taste on his part to express them in the manner and the place that he did, even going so far as to mention Judge Cassoday's name.

Mother went home this afternoon.

June 24. Alumni Day. Business meeting in morning. Dinner at Library Hall at 1 p.m. Fine time; eleven of '90 there. The toasts were very good, all of them. Alumni oration and poem in the evening.

June 25. The last day. The Class of '90 are graduates now. President Andrew's address this morning was a rousing good one. He is a fine speaker.

Harrington and I had our annuals on sale and sold about 350.

My college course is finished and I am not sorry; neither am I sorry that I came here, far from it. A college education is something worth having and I would not trade mine for a million in money. The four years have gone quickly, yet it seemed a long ways ahead when we first entered. Aside from the specific knowledge gained I would say that the most important result of my college education is a broadening of the mind. I have learned to look upon questions from a different standpoint. I have learned to recognize the fact that there are always two sides to a question. I formerly had decided opinions on many questions but from a study of both sides of the question many of them have been changed. Four years ago I was an ardent free trader; now I am undecided. I am convinced that only one who has made a profound study of the subject of free trade and protection has a right to express an opinion upon it. Conditions of society must be taken into account. Free trade may be beneficial to one nation and quite otherwise to another. In religion too, although I have never made a very deep study of the subject, I have seen, heard and read enough to make me an agnostic, that is, one who sees the difficulties, confesses his ignorance and says he does not know. The position of the two extremes in any disputed question are always hard to hold. As a rule both are right and both are wrong. I have found that if one takes an intermediate position, stands upon neutral ground he is much more liable to obtain the truth. In science for instance there are often two rival theories offered to explain certain phenomena. By subjecting them to a critical analysis, rejecting the error of each and combining the truths of each, a much more satisfactory explanation can be arrived at. The principal factor in bringing about this state of mind was the literary society work. Although as a rule a member looks up but one side of a question in a debate, yet in listening to the arguments of his opponents he is forced to admit that there are two sides to the question. Often, too, he is so placed that he must debate against his previous convictions and still again he may be at different times upon different sides of the same question. Literary society work is of the most beneficial kind. It teaches a person to think, to think well and hard; it teaches him to speak, fluently and correctly; it increases his knowledge, broadens his mind

and in many ways better fits him for the battle of life, especially if his life be a public one. Long live Hesperia and the University of which it is a part.

1890 June 27. Commenced a series of latitude observations this evening. I am using the same pairs as Holden and Comstock used six years ago. I am going to observe about half a dozen nights and then McNair will observe the same stars as many nights more. Still very warm.

June 29. Sunday. Went to Unitarian Church this morning to hear Rev. Crooker on the subject, "Dr. Bascom and the Supreme Court". He of course did not agree with Dr. Bascom in his criticism of the Bible decision. Crooker's arguments were forcible and logical, and to me much more convincing than Bascom's. Bascom has fallen considerably in my estimation. He is undoubtedly a great man and a great scholar, but there are one or two subjects on which his enthusiasm is so great and his discretion so wanting that he has more than once been called a crank.

July 3. Have observed every night this week except Sunday. Excellent weather. I am going home tomorrow morning to stay three or four days.

July 13. Sunday. Jimmie Thatcher, two years with the class of '90, is here this evening and is going to stay with Ives tonight. He is camping with his folks on Fourth Lake. He holds the position of principal of the Bayfield High School but will return to the University a year from this next September.

Ives is at the Observatory for the summer and has charge of the meteorological observations.

July 14. Captain Curtis and a number of us boys went out in his sail boat and took Thatcher back to his camp. We had a great sail; went from Francis St. to the camp, opposite Merrill's Springs, in fifty minutes. But before we started back the wind went down and it was pretty slow work getting along. Captain Curtis is a nice old gentleman and a good hand to sail a boat. He is on the retired list of the army now.

Summer School opened today. There are a large number here already and the attendance will probably be larger than last year.

There was an awful storm near St. Paul yesterday afternoon. An excursion steamer on Lake Pepin was wrecked and nearly 200 persons drowned.

July 22. Here it is July 22. The vacation is going fast. The weather has been fine for the last two weeks, a little cold if anything. My program for each day is very much as follows; get up and go to breakfast at seven; compare clocks at nine and send time signals at ten; work around at something or other until dinner, one o'clock; sleep from two till five; play ball from five to six and again after supper until nearly dark, sometimes a boat ride instead; then comes a swim in Mendota; then work, observing time sights and variables if clear, until one or two in the morning; then sleep till seven.

July 23. Monona Lake Assembly commenced yesterday. Prohibition State Convention in session at capitol today. They nominated a state ticket and did a great deal of squabbling over their platform. They passed a motion

censuring the Supreme Court for the decision in the Edgerton Bible Case. They had a long fight over the Bennett Law and finally settled by straddling the fence. "We favor a liberal public education in the English language, enforced and supervised by the state." There were a number of other side issues brought into the platform, for instance: "We declare that no citizen should be denied the right of suffrage on account of sex!" "We recognize the Woman's Christian Temperance Union and other temperance organizations as powerful allies in the suppression of the liquor traffic and bid them God speed." There was a great deal of dissatisfaction among some of the delegates. T. C. Richmond, one of the biggest guns of the party, announced just before the convention broke up that owing to the platform adopted he could no longer remain with the party.

A fine thunder storm this afternoon; half inch of rain.

Went over to Lake Side this evening with Parker. The attraction of the evening was an address by a Japanese man, with a name that I will not attempt to spell. He is a graduate of Oberlin College and has taken a post graduate course at Johns Hopkins. He speaks English fluently, but one can easily tell that he is a foreigner. His subject was "Buddha and Buddhism". It was not particularly interesting to me and I did not stay until he finished as I wished to get back and do some observing because tomorrow morning I expect to go to Waukesha and go camping at Crooked Lake.



U. W. BASEBALL TEAM, 1890-91

Upper row, left to right, Week, S. D. Townley (manager), Prescott, Spencer Beebe, Blake, Harvey Clark (assistant manager).
Lower row, left to right, Campbell, Carl Johnson, W. D. (Taffy) Sheldon, Billy Butt, H. R. Hammond, W. D. Hooker.

CHAPTER V

DIARY OF A GRADUATE STUDENT AND FELLOW 1890 - 1891

1890 September 4. Came back to Madison Sunday night, August 31. Since then have been busy making out the weather report from August and fixing up the clock lines. I found on Monday that the control clocks were not being set and Norton was not getting any signals. After looking around Monday afternoon and Tuesday morning I finally located a break in the clock wire in Bross' house. I went there and asked to see the clock and sure enough there it was. They had been papering the room and had taken the clock down leaving the two wires sticking up in the air unconnected, and this in the house of the Manager of the Madison Telephone Exchange, Superintendent of the Western Union Telegraph Office and senior member of the firm of Bross and Quinn, dealers in electrical instruments.

September 9. Went to President's office this morning to help in the enrollment and examination of new students. There are prospects of a very large class. Saw a goodly number of the old students. Hardy came yesterday and stayed with me last night. Played ball on campus in the afternoon and went for a short boat ride after supper. Observed variables in the evening.

September 10. Still they come; the woods is full of them to use a popular expression. It looks natural to see the halls and campus swarming with students. Read in the library most of the morning after ten o'clock. Played tennis in the afternoon with Parker and Babcock. Worked all night on variables and time sight.

September 11. It has been a splendid day. Ives and I went swimming before breakfast; it was a little cool but nice all the same. Interviewed "Prex" to get my assignment of work but did not get it as he wished to wait until Comstock came back before giving me anything definite. Played tennis from five to six. The crowd is still increasing.

September 14. Sunday. Today and yesterday were very cool. Yesterday morning the thermometer registered below forty. There was a slight frost but I guess not very damaging. Friday afternoon John and I continued fixing up the wires, have them as far as the barn now. Yesterday afternoon occurred the first game of the Class League series. It was between the Seniors and Juniors and resulted 3 to 0 in favor of Seniors. McCoy and Sheldon were the battery for the Seniors. Some law student from Appleton pitched for the Juniors. He is a good pitcher, but is out of practice. Played tennis from 5 to 6 with Stanchfield and lost two sets. Went for a boat ride this afternoon over to the asylum and back. For a part of the time the wind was blowing over twenty miles an hour which made it pretty rough traveling. Rowed from Lake St. to Governor's Island in fifty-five minutes. Oh, yes, went to Y.M.C.A. and Y.W.C.A. reception last evening. There were a great many there but I did not stay very long; had to come home and take a time sight.

September 18. Prof. Comstock arrived from Europe yesterday afternoon. He says he has had a good time and seems to be in better health than when he went away.

The Freshmen and Juniors played ball today. It was a hotly contested game and resulted 7 to 6 in favor of Juniors. At the beginning of the last inning the score was 6 to 4 in favor of the Freshies and then by a combination of hits and errors the Juniors made three runs. Williams pitched for the Juniors. There was also a game Tuesday between the Sophomores and Freshmen which was won 6 to 3 by the Sophs; Butt pitching for them.

Weather has been very warm today and there has been sheet lightning all the evening.

There has been a new plan adopted at the U.W. in regard to absences. Heretofore a person was obliged to obtain an excuse for each absence and ten unexcused absences made him liable to expulsion. Now attendance is optional but each professor must give examinations at the middle and end of each term. Those, however, whose class standing is above 85 and who have attended 90% of the recitations will be excused from these examinations. This it seems to me is a step in the right direction and I hope the plan will work. I see no reason at present why it should not. The authorities are endeavoring to make this university truly a university and this one of the steps calculated to accomplish that end.

1890 September 19. Commenced teaching a class in Algebra today. My class is a part of the one that Prof. Slichter had at 11 o'clock. There are seventeen of them mostly first and second year specials. This is my first attempt at teaching and I am anxious to make a success of it.

September 27. Umpired the Senior-Sophomore ball game today. The position is not an enviable one. Seniors won 10 to 4.

October 1. Wednesday. Last Friday I went home and came back with Kit (our family horse) horse-back. Started from Waukesha early Saturday morning and rode bare-back to Gale's where I bought Fred's saddle and bridle for \$3.50. While there got a good fill of fine grapes. They had over a ton and sold them all at good prices. After getting the saddle riding was somewhat more of a pleasure, to me at least, if not to the horse. From Gale's I went to Genesee and from there to Dousman. Got to Dousman at 11:30 and stopped there for dinner. At one o'clock I started out again for Jefferson a distance of twenty miles. Went north of the railway track from Dousman over the sands of Ottawa to Sullivan. The country around Dousman is quite flat and sandy, the sand being half a foot deep in the road some places. At Sullivan I went south of the track again and took the short road to Jefferson. The road is quite direct and I struck no more villages before reaching Jefferson. Between Sullivan and Jefferson the country is very hilly, some of the hills being monstrous ones. Struck Jefferson at about 5:30 p.m. and put my horse up at a livery stable just west of the Jefferson House. The livery man, a big fat German, advised me to go to a hotel over near the depot. I went over there with him and he treated me to beer in the bar room, which was the office of the hotel also. It was a German place and there were half a dozen fellows talking and swearing and drinking beer. I did not like the looks of the place but as it was about supper time I thought I would take supper there and see what it was like. It is a cheap hotel and the food was made to correspond to the price. The coffee was strong enough to kill a dog and the bread was about the worst that it was ever my lot to eat. I thought it would be better to pay a little more and get something fit to eat, so I paid for my supper and skipped out. Went over to the Jefferson House and engaged a room for the night.

This is a German place too, in fact I saw nothing else in Jefferson, but the office is separate from the bar room and things looked quite respectable. In the evening I went out to look around a little but could find nothing but Germans and saloons. It is a place of 2,500 inhabitants and has twenty-three saloons. Went to bed early being rather tired after my ride. Had a nice room, small but high and well furnished. The breakfast was good and quite a contrast to what I got over at the other place.

Started for Madison at about 8:30. It had been a cool night but the day was magnificent and the sun was shining nice and warm. It is thirty-four miles from Waukesha to Jefferson and about the same distance from Jefferson to Madison. The journey to Madison was uneventful though very pleasant. I took the most direct line and did not strike a village the whole distance. Went about two miles north of Cambridge and several miles south of London and Deerfield. My Sunday dinner was made from a farmer's orchard. The apples were poor but decidedly better than nothing. Kit got her dinner by eating grass along the road and some dozen ears of corn which I stole from a cornfield near the road. The western part of Jefferson county is similar to the eastern, though not so hilly. The eastern part of Dane county struck me as being a very nice piece of country. The hills, though large, are flat and covered with nice black soil like the valleys. There is a great deal of tobacco grown in the section and I saw hundreds of fields where it had been cut. Saw the Capitol of Madison and the water works stand pipe when nine miles to the east. Arrived at the Observatory a little after five o'clock. Kit was rather tired but she stood the second day's journey better than the first. It was the longest ride I ever took but I enjoyed it very much and I hope may take more long rides sometime. Will keep Kit in the barn at the Observatory. Expect to do considerable riding this fall and winter.

1890 October 3. In the Senior-Sophomore game today the Seniors were downed 4 to 0. This is the first game they have lost since they were sophomores. Butt pitched an elegant game for the Sophs while McCoy for the Seniors was hit hard. This makes the Juniors and Seniors tied now for first place, each having lost one game. The Sophs have lost two and the Freshmen three. Williams pitches for the Juniors and put up a very stiff game. The race for the pennant will be an interesting one. The present Senior class has held it for three years, but they will have to play ball if they want to keep it this year.

Have not done much riding yet; have been too busy making out the weather report for September and looking after the batteries in North Hall which have gotten out of order.

The weather is nice, cool but not cold. We have had some much needed rain the last few days.

October 5. Sunday. Went for a long ride this afternoon. Went along the drive through Geo. Raymor's farm which is situated on the south shore of Lake Mendota just west of Prof. Daniell's place. It is a splendid drive; goes along the lake for considerable distance and then by a winding road mounts to the top of the high hill which I guess is the highest point anywhere around here. The view is splendid. From here I went back to the main road and then went out to Middleton, a distance of about six miles. It makes a nice ride. While there saw Wehrle, a member of '90. He is teaching at Middleton.

In the evening went to the Charming Club meeting at the Unitarian Church. Walter Smith read a paper called "Communism in America". The paper was very good. It was discussed by Prof. Turner and Mr. Crocker.

1890 October 16. Rode down to dinner today and after dinner went out around the drive on Geo. Raymor's farm. Came back and umpired the Sophomore-Freshman ball game. Sophs. won 7 to 5. The Freshies have not won a game yet.

October 17. Senior-Junior ball game today. The two nines were tied for first place and the championship practically depended upon the result of this game. Seniors won 5 to 2. Williams pitched for the Juniors and put up a remarkable game, making fourteen strike-outs in seven innings. His support was poor, however, and the runs of the Seniors were gotten through errors. McCoy pitched for the Seniors. He was not hit much but only struck out four.

November 1. Football game today. U.W. versus Whitewater. Our boys had a walk-away 106 to 0.

Ives and I went shooting on Mendota yesterday afternoon. Good many ducks but we only got three. John and I went for a little while Wednesday afternoon and got one. We are going again tomorrow.

November 3. Monday. Gave some of my students an examination today. The new regulations seem to work pretty well. None of my class was absent 10% of the recitations, but most of them were not up to the standard of 85% in class work. Gave 10 out of 15 of them the examination. Those excused were Miss Bassett, Miss Cleveland, Miss Johnson, Mr. Katz and Mr. Benfey.

Election tomorrow. Would like to see the democrats get there. I am going to help them with one vote.

Snow storm today, also one November 1.

November 7. Election is over and what a landslide there was. Democratic victory everywhere. In this state the Governor and all the state ticket is democratic. Peck's plurality over Hoard was nearly 30,000. Hoard's plurality at last election was 20,000. Besides this, democrats have control of the state legislature and have elected eight out of nine congressmen; before they had only two. In this district LaFollette was beaten by over 500. Haugen of the eighth district will be the only republican member in the next House from this state. His plurality was lowered from 12,000 to 1,000. Cooper was defeated in the first district the stronghold of republicans. The democrats on joint ballot in the state legislature will have a majority of nearly thirty. This means a democratic senator in place of Senator Spooner. I would much rather it had been Sawyer to be displaced instead of Spooner; however, Sawyer will probably get his medicine two years hence. This county went democratic and so did many others in the state which always went republican before. It is twenty years since the democrats were in power in this state and there will probably be some sweeping changes in the offices at the capital after January 1 next. The democratic victory is not confined to this state and indeed has been so universal that the democrats will have a majority of 135 in the House of Representatives, and the republican majority in the Senate will be gone too.

A new party, Farmers Alliance, has had wonderful success in Minnesota, Kansas, Nebraska and other states where they have elected governors, legislatures and congressmen. In congress their votes can safely be counted with the democrats, especially on the tariff question. McKinley, the author of the infamous tariff bill which bears his name, and which has just gone into effect, has been defeated. I think the democratic success is largely due to this tariff bill which was made in the interests of manufacturers and trusts to the detriment of every one else. If democratic victory had been confined to this state it might be accounted for on the local issue of the Bennett Law. This is the law passed by the last legislature which compels every child of school age to attend some school where English is taught for at least twelve weeks of each year. The law is vigorously opposed by the foreigners, especially the German Lutherans, many of whom send their children to private schools where only German is taught. The democrats took up the Bennett Law issue and pledged themselves to repeal it. I think the law a useless one for I doubt if it could ever be enforced.

There was another issue which I think helped the democrats to victory; it is what they chose to style the treasury steal. The state treasurer receives a salary of \$5,000 a year. He deposits the funds of the state in the banks, and for the past ten or fifteen years has himself taken the interest coming from this money of the state. O'Connor, democratic nominee for attorney general, made this his chief argument in his campaign speeches, claiming that the treasurers had no right to take this money and that, under the statutes of Wisconsin, they were guilty of embezzlement. He also promised that if he were elected he would bring suit against the past treasurers to recover this money. He will undoubtedly bring the suit but whether or not he will be successful remains to be seen. Harry Briggs, U.W. '87, was elected assemblyman from the district of which Madison is a part. He is a good man. I am glad to see the Democrats successful, but hope they will keep their heads and not let victory run away with them. A change is wholesome.

President Chamberlin had a meeting of the Fellows of the University this evening in the Geological Lecture Room. It is his plan to have meetings once a month throughout the year and have a paper presented at each meeting, each one on the subject he is pursuing. Miss Flish presented a paper this evening on the Delaart System which she is studying. The paper was good but I would have enjoyed it much more if Prez. had left his questions until she got through rather than to continually interrupt her as he did. Richter is the next victim.

1890 November 8. Meeting of the Base Ball Association this morning. It was proposed to change the organization into a stock company. Nothing was done but to appoint a committee to draw a constitution for such an organization. A committee was also appointed to look up the debts against the association.

Quite a vigorous snow storm today. Saw two immense flocks of white geese on Mendota today.

November 15. Saturday. Another meeting of the Base Ball Association yesterday afternoon. The committee to look up the debts of the association had succeeded in finding claims amounting to nearly \$200, mostly from the season of '89 when Bunn was manager. The committee to draft a constitution reported also. The scheme is briefly this; stock company, shares one dollar,

one season ticket and one vote with each share, shares of one person limited to five. A great many of the students were opposed to the scheme and Ives presented another constitution which had been drawn up by Ives, Balch, Hardy and myself. It is on the same plan as the old Association but provides for a treasurer, defines and limits the powers of the manager and makes other provisions to secure an honest and economical administration of affairs. The two plans were then open for discussion and the meeting got into an awful wrangle and we had finally to adjourn without accomplishing anything. I never attended a more disorderly and uproarious meeting since I have been in college.

Went to Hesperia meeting after supper. It is the first time I have been up this year. The society seems to be prospering and I am glad of it. Henry George's theory of taxation was the debate and was discussed very well.

Have been charting my observations of variables. Some of them give very good curves while others do not.

1890 November 18. Heard Professor Freeman lecture at the Methodist Church this evening. Subject, "Shakespeare: A Reply to Ignatius Donnely." Donnely lectured at the Monona Lake Assembly last summer upholding the theory that Bacon wrote the plays attributed to Shakespeare. It would seem from Prof. Freeman's lecture that it was utterly impossible that Bacon could have written the plays. I did not hear Donnely and have never studied the arguments on the Bacon side of the question so that I can pass no opinion on the subject. "Old Johnny" is an entertaining speaker.

November 20. Took a ride around Third Lake this afternoon. Beautiful weather; ride every day the weather will permit, and nothing but rain stops me.

November 21. Another meeting of the Base Ball Association this afternoon. Everything went off smoothly and it was quite different from the one of a week ago. A compromise was made between the two schemes. It is briefly this: Stock company; shared one dollar; season ticket with each share; number of shares for one person unlimited; but no person shall have more than one vote.

November 22. Foot ball game today; very good game but our boys were beaten 14 to 6. The game was tied 6 to 6 until about five minutes before the close of the game, when it became so dark that the advantage lay with whichever side held the ball. This happened to Lake Forest and they made two "touchdowns" just before the close of the game. There is quite an interest aroused in foot ball now and our team is putting up a much better game, than at the beginning of the season. I hope to see the game prosper. Our boys lost a game a week ago at Minneapolis. They play with the Evanston team at Milwaukee on Thanksgiving Day.

November 23. Sunday. Beautiful day. Rode around Lake Mendota this afternoon. It is a nice ride although the road is bad in some places. Took me three and a quarter hours. This is my first trip around the lake.

Dr. Koch, a celebrated physician of Germany, claims to have discovered a cure for consumption. It is some sort of an injection under the skin. It is being tried in Germany now, but it is too soon to judge of the effect. Dr. Koch is the one who discovered the cholera germ and the method

of treating successfully that dreaded disease. His past successes make it highly probable that he will be able to cope with consumption, the most dreaded of all diseases; at least it is from such eminent scientists as Dr. Koch that we must look for remedies for these diseases. If Dr. Koch really has a cure for consumption he will have performed a service to mankind such as it is the lot of but few men to perform.

There is quite a rage of diphtheria in Madison. There have been five deaths from it since yesterday morning. Professor Owen's oldest daughter died of it this morning and the next one is very sick. It is a dreadful disease and it would be a godsend to mankind if Dr. Koch or some one else would find a way of successfully treating it.

1890 November 27. Thanksgiving. Fine day. Ate a monstrous dinner. There were only about 10 left at the club, but we had two big turkeys and lots of other things. Sanford carved one turkey and I the other; am getting to be quite an expert at carving now. Not the least attractive part of the dinner was a big jug full of cider. It reminded me of a year ago when we were at Miss McKinne's when Smith and I were trying to see who could drink the most. Cranberry sauce, mince pie, nuts, raisins, oranges, bananas were among the good things that we had. It is lucky that we do not have such feasts very often for I am afraid if we did there would soon be numerous cases of dyspepsia. After dinner went to Hardy's room and played whist. Maxson and I played Hardy and Sanford. We each won a game. Observed this evening. The foot ball team played at Milwaukee today with the Evanston team. Score 22 to 14 in favor of Evanston. That is three straight games that our boys have lost.

December 4. Second lecture of U.W. Course this evening by Prof. Morris Jastrow, Jr., brother of our "Jack". Subject, "Rediscovery of Assyria and Babylonia". Illustrated by lantern views. Might have been interesting to a person interested in such subjects but not to me. He is a better speaker, however, than his brother. Another fall of snow today.

December 7. Sunday. At a meeting of the Base Ball Association yesterday under the new constitution E. H. Ahara was elected president, C. F. Hardy vice-president, W. E. Butt secretary and E. P. McPetridge treasurer. About 200 have thus far subscribed for stock.

Attended a concert at the Cong. Church Friday evening by the Weber Quartette Company of Chicago. The quartette was fairly good but the principal attraction was a boy soprano and a boy violinist, each apparently about thirteen or fourteen years old. The violinist was very good, and if he is a boy as represented something rather remarkable. I half suspect, however, that this boy violinist is a woman and not of so very tender years either. His eyes, face, form and hands looked more like those of a woman than of a young boy. It was a very clever deception, however, if such it was. The boy soprano I guess was genuine, although he had a way of drooping his eyes which was exceedingly much like a girl.

William, King of Holland, died a few days ago. The throne descends to his daughter who is a young girl yet.

December 9. Mrs. Mary T. Lathrop lectured at Methodist Church this evening, subject; "What Shall We Do with the Saloon". Interesting in some ways, in others not. She is a very religious woman and kept continually

referring to what God and the Devil had to do with this question. This part of it did not suit me. Otherwise her treatment was logical and philosophical, her whole claim being that it rested with the individual and ballot to settle this question. This traffic in liquor is surely the source of a great deal of evil. It presents a monstrous problem, but how and when this problem will be solved I am not able to predict. There are some parts of this country, I am afraid, in which it would be utterly impossible to abolish the saloon at present, Milwaukee for instance where the population is largely foreign. Although I am not a total abstainer yet I would be perfectly willing to live in a community without saloons. There is no doubt but that they are the source of an immense amount of evil. Yet I don't exactly see what we would do without them, something would be necessary in their stead. There are a great many men and boys who must have some place of amusement. They do not study and read but little; they must have some way to pass their leisure time, if not in saloons then in some other place, and it is doubtful if many of them are prepared for anything more refined than a saloon. I sincerely wish that they were, then it would be comparatively easy to abolish the saloon and provide other places of amusement. It is a great problem.

1890 December 14. Sunday. Went to Unitarian Church this morning. Text: "The Bible in our University". Mr. Crocker first showed what was the result of historical study of the Bible, as to the authors and time of writing of the different books of the Bible, claiming that many of the accepted ideas concerning them had been overthrown. This work is being done mostly in the Universities of Germany, England and Scotland. There is but little of it done in this country. The Bible students of America, he said, could be counted on the fingers of one hand. What he wished for the University was a Chair of Historical Bible Study, claiming that persons who received the highest education that our state is able to provide ought to have a chance to study the Bible as well as other works of history and literature. This he claims would be our greatest safeguard against superstition, and misuse and misinterpretation of the Bible. I think he is right and cannot see why the Bible cannot be studied from a purely non-sectarian standpoint in our state institutions. I myself am densely ignorant of the Bible and would like to take a good course of study in it. This chair he thought should be founded by some public spirited person, it hardly being possible for the Regents at the present state of affairs to do so.

Parker, Bolender, Green and myself have entered into a sort of a co-partnership writing concern. Parker wrote to Bolender on November 23; Boly to Green on November 30, sending also Parker's letter; Green to me on December 7 sending also the other two letters; I to Parker today keeping his letter but sending the other two. I think the scheme a good one and hope we will make a success of it. Wrote twelve pages today. (This round-robin correspondence was soon named the "Company Letter", and now after fifty years, lacking a few months, it is still making the rounds, although not so rapidly as formerly. As may be seen from the entry in the diary, Willard Parker was the originator of the scheme and it was he who prodded and chided the laggards. Since his lamented death the interval between letters has become longer and longer, until, it would seem, that the poor robin was about to give his last gasp.)

Worked this evening until 12 o'clock. Fine night, not very cold and very good seeing.

1890 December 19. College closed today for two weeks. Gave four of my students an examination. The other eleven were not obliged to take one. The work of the second half of the term was much better than that of the first half. Some of the students had the idea that Algebra was a snap and that they could get a lesson by simply reading it over. I endeavored to get this idea out of their heads and think that I did so. Algebra is a snap with Prof. Van Velzer but I don't believe in giving students snaps. Students come to College to work to get a trained mind, and this they will not get if the instructor has no get up and go to him. He must be able to make the students work hard, thoroughly and systematically, so that the students will have not only some facts and formulas learned but will have a trained intellect at the end of his college course, an intellect that he can use, one that he can depend on, one that he can justly be proud of. In my opinion the training of the intellect should be the chief object of a college course. And for this purpose I think mathematics one of the best studies there is. It is not the number of formulas and definitions that you can remember but the power of proving theorems and propositions, the power of working problems, of analysing them, picking them to pieces, seeing clearly what they mean and applying the solution.

December 29. Went home the day before Xmas and came back last evening. Prof. Comstock went to Washington Saturday and will be gone for a week. The State Teachers Association holds a session here today, tomorrow and next day. My friend, Parker, came on the 5 p.m. train today to attend the meeting. He is teaching at Fox Lake and seems to be making a success of it. Ben and Henry Parkinson and "Zip" Vernon are home. Ben is principal of New Lisbon High School; Henry is first assistant of Fond du Lac High School; Miss Vernon assistant at Evansville.

December 30. Parker, Ahara and I went to the Cong. Church last night to hear Bob Burdette lecture on "The Boy". Bob is not an orator but he has an easy, pleasing manner of speaking. His lecture was interesting, humorous and very funny.

Went down to the teachers meeting this afternoon and saw Prof. Reed, Miss Gillespie and Miss Olin (from Waukesha). It is several years since I have seen Miss Gillespie. I am going to show them about the University tomorrow morning.

Saw several of the old U.W. Boys at the meeting, Myron Baker, Pat McGovern, Joyce, Olson, Ecke, E. T. Johnson, Roesler, Leuders and some more I guess but I don't remember who now.

1891 January 1. Parker, Ives and I were playing poker last night when the Old Year went out and the New Year came in. There was a great blowing of whistles and shooting of guns and someone shot off the cannon down at the "gym".

Today has been a queer one. This morning it rained. About noon it turned to snow and since then we have been enjoying a regular full grown blizzard, blowing forty and fifty miles an hour all day. My old friend, Green, came up from Monroe on his way to Ishpeming, Michigan, where he is engaged as chemist for the Superior Mining Company.

January 3. Yesterday afternoon Green and I went down town to make a few purchases and on the way back we stopped at Oscar Minche's and Green

supplied himself with oranges, nuts, candy and cigars. In the early part of the evening I took a time sight and then we trotted out the refreshments, a box of gun wads and a deck of cards with which we proceeded to make merry at a social game of poker. Ives soon joined us to help things along. We ate and played and had a good time till the small hours of morning, then Green lay down for a snooze and I went to figure out my time sight. At 4:10 a.m. the hack came and Green was off. The storm New Year's spoiled the fine skating on the lakes but there is a large open space about two miles out which froze over last night and I expect it will make fine skating; have not been out yet this winter.

1891. January 5. Inauguration. Great gala day for the Democrats. It is now Governor Peck and Ex-Governor Hoard. Great ball this evening. I did not go to either but happened to be down town as the procession was coming from the depot and saw some of the carriages and heard some of the noise.

Went skating this afternoon. It is the devil of a job to get out to the good ice, but it is excellent when you get there. Bought me some new skates this morning but they are a little too long; think I will have to take them back or else sell them.

January 6. College started today. Only ten of my algebra class back. Probably I will have to take a class in solid geometry and put my algebra students in Prof. Slichter's class.

January 9. Last evening there was another lecture of the U.W. Course by Prof. E. S. Morse of Salem, Mass. Subject: "Protective Coloring and Mimicry". The lecture was illustrated by drawings upon the blackboard. The professor is a very skilful and rapid drawer, making the picture of a crayfish in the time an ordinary person would be thinking where to start. He uses either hand in drawing and uses both hands at once in drawing symmetrical figures. The lecture itself was fairly good.

January 10. A course of free Saturday morning lectures has been started and the first one was given this morning by President Chamberlin on the "Geologic Growth of Wisconsin". I could not go on account of my work at the Observatory but am told that it was very good. Immediately after the lecture a meeting of the Base Ball Association was held and S. D. Townley elected manager and Harvey Clark Asst. Manager. An executive committee was elected also. There are over two hundred shares sold and they are about evenly divided between fraternity and non-fraternity men. The fraternity men were very anxious to get the managership but they were divided and that killed them. My competitors for the office were Herman Oppenheim, "Phi Delta" and Carl Johnson, "Chi Psi". I was elected on the first ballot and had one vote to spare. I did not seek the office, but as the fraternities seemed very anxious to get the management in their hands and as there was no one in the Senior class that could make a strong run against them, I consented to make the run. I shall do the best I can with it, try hard to win the pennant and endeavor to have the association out of debt next year.

January 11. Went to Unitarian Church this morning and wrote company letter this evening.

January 12. I have a class in solid geometry this term. Turned my algebra students over to Prof. Slichter. Have a class of eighteen.

1891 January 18. Sunday. Most excellent weather and it has been all winter so far. Not cold but yet not warm enough to melt what little snow we have. The coldest we have had thus far was about December 3 when the temperature was down to 4° above zero. Went for a ride this afternoon and could ask for nothing nicer. For combining pleasure and exercise I don't believe horseback riding can be beaten, not for me at least.

Went skating yesterday afternoon. There was a large crowd on the ice, and it is still very good. Not warm enough to melt the ice any and no snow to cover it.

This week's Aegis contained a review of Van Velzer and Slichter's School Algebra written by S. D. T. The book from a hasty review appears to be a very good one. A copy of the review is attached to the opposite page.

Emma Abbott the great opera singer is dead. Her mother, sister and three brothers were next door neighbors to us for several years at Waukesha.

January 25. Tuesday evening went to a lecture at "Cong." Church by Ex-Congressman Hoar of Michigan, subject: "Has it been Proved that the Baboon is our Cousin? No, Sir." The lecture was quite humorous and in that respect was good, but his principal means of attacking evolution was by ridicule which can never take the place of argument. He has evidently done considerable reading on the subject and a little thinking, but that is all. He is in no sense a scientist and for that reason I think hardly competent to discuss the subject. Of course he may be right and so may be the evolutionists, I am not competent to judge. I don't know whether the present animal kingdom came by processes of evolution from the lowest forms of animal life or whether each family came by special creation by some divine being, or by some other method. But it does seem to me that there is much more evidence and argument to support the theory of evolution than that of special creation. We see processes of evolution going on about us all the time, but whether or not it has been carried so far as evolutionists would have us believe is something that awaits further developments and more proof.

Last Tuesday Mrs. G. H. Reed, wife of Prof. Reed of Waukesha, died. It is a very sad death and will be a heavy blow to Mr. Reed. She leaves three small children, the youngest but a month old. Pneumonia was the cause of her death. She got around too quickly after the child was born and caught cold. The death of a young person is always sad, particularly of a young mother. There is something about it that I cannot understand. We are told that it is simply the working out of the divine plan of a god who loves, watches and cares for us. It may be so, yet it always strikes me that he has an exceedingly queer way of showing his love for us. Life is a mystery, death a profound mystery.

Friday evening, 23rd, was held the Hesperian Sophomore Semi-Public. The program was a good one and well carried out. Harvey Clark, our one-armed man, was president of the evening. His address was short and well worded. The music of the evening was a piano duet by Jake Fliegler and Arthur Seymour, a bass solo by C. H. Maxson, and playing by the U.W. Sextette. The essay was by C. C. Case and was entitled "Regattas". It was mostly an account of a tour taken by Mr. Case and his brother last summer to the regattas of the different rowing clubs in Iowa, Wisconsin and Michigan. It was somewhat out of the ordinary line of semi-public essays and in that lay its chief merit. The oration, "The Decay of Kingly Power in Great Britain",

by J. F. Doherty was very good. Doherty has an excellent voice and a good delivery. The debate, "Should the United States establish a system of postal telegraphy", was fully up to the average, although it does not strike me that the question is a very good one. The affirmative was upheld by W. C. McCard and J. J. Blake, the negative by J. F. Schreiner and C. B. Rogers. McCard is a negro, the only one in the University at the present time. He had a good logical debate although not the best one given. Have just filled my pen and it writes better now. Blake is a smart boy but his delivery is a little poor. Schreiner had perhaps the best debate of all. He has an excellent voice. Rogers is a very ambitious sort of a fellow and a good debater, although he is somewhat cranky on some subjects. He is what is known as a reformer, sometimes but not always synonymous with crank. The judges W. H. Rogers, Prof. Parkinson and J. H. Feeney decided in favor of the affirmative. The program was closed by a toast from W. V. Silverthorn. Its most striking and agreeable feature was its shortness.

Went to a meeting of the Channing Club tonight at the Unitarian Church. The paper by J. Freehof was "Cosmical and Geologic Evolution". The paper was good and was presented in a clear and concise manner. It was discussed by President Chamberlin, Professors Hobbs, Van Hise and Comstock and another gentleman whom I did not know.

1891 February 1. Sunday. Have just finished the weather report for January. The mean temperature was $24^{\circ}.7$, the highest since 1880. The minimum was 7° the highest since 1858 when the minimum was 9° . It has been a remarkable January. There is not enough snow to cover the ground.

Tuesday evening heard George Kennan lecture at the Methodist Church, subject, "An East Siberia Convict Prison." Mr. Kennan is the writer of the series of articles that appeared in the Century Magazine some time ago on the exile system of Russia. He was sent through Siberia by the Century Co. for the express purpose of getting information to write the articles. He told of many of his experiences and of the hardships and brutality to which these poor wretches are subjected. About the middle of the lecture Mr. Kennan went out and appeared dressed in a convict suit. The dress is scanty enough and it is a wonder that they don't all freeze to death in such a climate. The system is a disgrace to the civilized world and ought if possible to be stopped in some way. The lecturer spoke for over two hours and held the closest attention of his hearers. He is not an orator but has a clear, interesting way of stating things and an excellent voice.

February 8. Hurrah for Hesperia, we have won a Joint Debate at last. The first one since 1883 and the first from Athena since 1882. I have witnessed three defeats of our society and now I know what it is for us to enjoy victory. On the opposite page is an account of the debate cut from the Journal. (The question for debate was, Would the complete exclusion of foreign immigrants for a definite period be preferable to a continuance of the present freedom of immigration? Hesperia debated the affirmative.) Our boys made much the better debate and won the question fairly. Fehlandt made an excellent opening speech, clear, concise, forcible and well delivered. Wheeler's debate was delivered with his characteristic logic and force. Ives, I thought, had the best debate of the evening, his impromptu remarks were certainly the best. The delivery of all three of Athena's men was poor, especially Frawley's. Hooper howled too much and Allen has an impediment to his speech. The wildest excitement prevailed after the decision of the judges was announced. Tommy Morgan's was well patronized after the

debate. I went down and had some oysters, cider and cigars. Bolender, Harrington, Hart, Potter, Tone and several more of the old boys were on hand. Bolender and I started home about 12:30. We stopped at the telegraph office and sent a message to Parker. We heard some singing in Mike Newman's and proceeded to investigate the cause thereof. There we found Ives, Hart, Landgraf, Schreiner, Blix, Donahoe and several others having a jolly time. After getting home I had to take a time sight. I got through a little after two o'clock and just as I was about to go to bed Ives and Blank came in and we talked over the events of the evening until four o'clock. Ives was all straight but Blank had about all he could carry. Long live Hesperia and may her victories come oftener in the future.

1891 February 15. Sunday. Beautiful day, almost as warm as summer. Snow nearly all gone and roads very muddy. Took a horseback ride this morning. Have to go in the morning now before the mud thaws out. Do not get much time to ride though because this base-ball business takes a good deal of my attention. Have the boys practicing in the gym now. Hope to have a good team in the field this year.

Yesterday afternoon Gen. Wm. T. Sherman died at his residence in New York and thus one more of the heroes of the Civil War has been called to his eternal rest. And only twenty-four hours before Admiral Porter, head of the navy, and another hero of the war died also. Thus one by one the heroes are going and long before I am an old man they will all be numbered with the dead.

Friday was the end of the first half of the term and the day for examinations. I gave examination to only three of my geometry class and two of them on account of absences which, however, were unavoidable. The class has been doing good work.

February 22. Sunday. Quite cool today. Went to the Cong. Church this morning and heard Rev. E. G. Updike, the new pastor of the church, preach. He has been pastor since last October but this is the first time I have heard him. His subject was "The Life and Times of Washington". He is a clear thinker and a forcible speaker, although not one of the howling kind. He seems to be well liked and draws large audiences to the church. I was favorably impressed with both his sermon and his manner of presenting it. Think I shall go again.

In the afternoon memorial services were held at the Cong. Church in honor of Gen. Sherman. I did not go but it is reported that there was an immense throng there. Speeches were made by some of the pastors, by Gov. Peck, Prof. Freeman and Col. Bird.

This evening I attended a meeting of the Channing Club at the Unitarian Church. Prof. Comstock was the speaker of the evening. Subject: "Two Modern Englishmen, Clifford and Mallic". These two men represent opposing sides of the controversy of science and religion. Prof. Comstock took these two men because they have expressed themselves very clearly on this subject. He did not give his own views but only those as expressed by these two authors. The lecture was given in his characteristically clear manner.

Last Monday, the 16th, went to Choral Club Concert. It was very good. Geo. Simpson and Miss Christine Nielson sang several solos and their duet was especially good. The chief attraction of the evening, however, was the

piano playing of Master Greve Oppenheim, a little chap four years old. One would hardly think that such a little mite could know enough to play a piano. He was no taller than the table upon which I am writing and had to be brought upon the stage by his nurse. He played several pieces among them Wagner's Wedding March. Of course it wasn't the music of a finished musician but such as it was it was wonderful for a child of his age.

On Tuesday evening heard Henry M. Stanley lecture at the Opera House. I had not intended to go, the prices being too steep for the present state of my finances, but just before supper the management found that they were going to have a pretty slim audience so a lot of "comps" were given out and one fell to my lot, and so I went and got a seat in the second row of the balcony. Subject, "Twenty-three Years Experience in Africa". Stanley is a fair lecturer though nothing extra. He is a medium sized man, less than fifty, but his hair is gray, almost white.

1891 March 8. Sunday. We had a severe snow storm last night which added to those of Friday, Wednesday and Tuesday gives us about a foot of snow. The sleighing is good but my cutter is at Waukesha and it is so late in the season now that I don't believe it will pay to have it sent out, although there are no signs at present that the snow is going to melt. A great many people, however, are taking advantage of the good sleighing and the jingle of bells is pleasant to hear.

The principal event of the week was the Shakespeare-Bacon contest between Professor Freeman and Ignatius Donnelly on March 3. Prof. Freeman stood up for Shakespeare and it is generally admitted that he had the better argument, but he is to be severely criticised for the sarcasm and personalities which he brought into the discussion. He violated the ordinary rules of debate and many of his remarks regarding his opponent were decidedly ungentlemanly. He was nervous and lost his temper. Donnelly opened the discussion and spoke fifty minutes. Freeman followed with a like amount, then Donnelly spoke thirty minutes, then Freeman and each closed with ten minutes. Mr. Donnelly was very courteous in the treatment of his opponent and especially avoided sarcasm and personalities and in this way gained the sympathy of a large part of the audience.

He is a good speaker and has a forcible way of putting his arguments but for all that he did not convince me that Bacon wrote the Shakespeare plays. The discussion was held in the Opera House which was taxed to its utmost to accomodate the large audience. The event was under the auspices of Flowers and Ashton, two students, and each of them cleared about \$200.

There has been a boat club formed at the U.W. and I hope it may meet with more success than the former efforts. The Fifty-First Congress came to an end March 4. It got away with an immense amount of money. Speaker Reed's career of "Czar of the House" is also at an end. This Congress will be especially remembered for the passage of the tariff bill known as the McKinley Bill and also for saddling between two and three millions additional yearly pension taxes onto the people. I am glad that the next House will be democratic so that this extravagance can be checked. Our pension roll is getting so that it costs us more than all the standing armies of Europe. I was reading an article in the Democrat today which gives the names of twelve women still living who are widows of soldiers of the Revolution and not one of them has yet reached the age of 100. The last veterans of the Revolution died in 1864. Figuring on the same basis the

United States will not cease to pay pensions to widows of Civil War soldiers until the year 2016.

The University Bill which by increasing the state tax will increase the income of the University about \$50,000 a year has passed both the Senate and the Assembly and only now awaits the Governor's signature to become a law. Let the good work go on.

1891 March 22. Sunday. General Joseph E. Johnson, one of the leading generals of the Confederate Army died yesterday at an advanced age. Lawrence Barrett, the noted actor, died a few days ago. Ninety-two's Badger came out this last week. The engravings in it are very nice but the literary material is poor and the proof-reading bad. The pictures of Main Hall and Science Hall are very nice. Pictures and life sketches are given of Professors Stearns, Frankenburger and Davies. "Early Days in the University" by J. M. Flowers of Chicago, a member of the class of '56 makes very interesting reading. I have been writing a review of the Badger for the Aegis and have criticised it pretty severely.

March 27. Friday. College closes today for one week. Have just made out a report of my geometry students. They have done pretty good work, although not so good the second half of the term as the first. Examined about one-third of the class. Conditioned Miss Blank. Geometry is easier to teach than algebra although I like algebra as well or better. Expect to have a class in trigonometry next term at 8 o'clock.

Quite a snow storm today. Not much sign of spring yet. Base ball boys have been practicing good for the last two weeks in the gymnasium; expect to have a good team in the field next spring.

March 29. Sunday. Fine day although it is very muddy. Went for a ride today and also yesterday. Heard a robin chirping this morning so that spring can't be very far away. The Glee and Banjo Clubs start on their trip tomorrow morning and give the first concert in Chicago tomorrow evening. In Milwaukee Tuesday evening and the rest of the trip will be to St. Paul and some of the large cities in the northern part of this state. They will be gone nearly two weeks. The University end of the city is pretty well deserted and it seems rather lonesome. Am boarding at Baker's on Murry St. this vacation. Think I will stay there next term, good board.

March 30. Heavy thunder storm early this morning, first of the season, snow nearly all gone. Black-birds and blue birds this morning. John Plankington one of Milwaukee's pioneer settlers died last evening. He was one of the richest and most respected citizens of Milwaukee.

April 12. Vacation is gone and also the first week of school. Pretty warm today but the ice has not yet gone out of the lakes. Rather muddy but have been riding a great deal lately. Last Monday evening occurred the first contest of the University Oratorical Association. Program on opposite page. Kronshage won and Balch was second, although I thought Miss Baker was as good as either if not better. She went away ahead of them on delivery but the orations were marked on style and thought before they were delivered. Morton's was poor, Ryan's nothing extra and Dickson's fair. The winner goes to Ann Arbor to represent the University in the Northern Oratorical League which is composed of Michigan, Oberlin, Northwestern and Wisconsin Universities. Kronshage will make a good fight to come out ahead.

Friday, the 10th, took a flying trip to Milwaukee to buy some sporting goods for the ball team. Butt got a pass made out for himself and me. Ellwell, Butt's roommate, went in his place. We went on the 1:10 p.m. train and got back at 10:15. A. W. Friese on Grand Avenue is selling out and I got bats, mask and protector pretty cheap. Got a \$10 protector for \$6. Bought a revolver for myself for \$3.75. Did not have much time to look around as we had to leave at 7:18. It rained during the morning.

The Banjo and Glee Clubs have returned from their tour and last evening gave a concert at Library Hall. The audience was large but I think I have heard them give better concerts. They had a very pleasant trip but were not very successful financially. At Minneapolis they were boycotted by the students of the University of Minnesota because the latter had only a small audience at La Crosse and claim that our boys were somehow responsible for it.

P. T. Barnum of circus fame died this last week. He was worth ten million dollars.

Have a class of twenty-two in trigonometry this term 8 to 9 o'clock.

April 7 was election day. Rogers, democrat, a University graduate, was elected mayor of Madison. The entire democratic ticket with the exception of one alderman was elected. S. U. Pinney was elected to the supreme bench in place of Judge Cole whose term expires the first of next January.

At a recent meeting of the University Regents it was decided to build the armory and gymnasium on the lake shore on the tennis court lots, the law school building between Library Hall and South Hall and the dairy buildings at the farm. The cost of the gymnasium is limited to \$75,000. Buildings will be commenced this summer.

Ed Ahara is taking the meteorological observations this term. Ives and Schreiner are rooming on Lake St. Landgraf will not return to the University this term.

1891 April 28. Tuesday. Have been so busy lately that I have had no time to write. This base ball business is taking lots of time. The boys practice every afternoon now and are getting in good shape. Our first game is here May 2 with Beloit.

Took Kit home last week. Left here twelve o'clock Friday and reached Fort Atkinson at just six o'clock, a distance of thirty-four miles; went by way of Cambridge. Was just going across the bridge to the hotel when I met my old friend Landgraf, who is working in his father's shop this term. He insisted that I should stay with him for the night and I did so. The family consists of his father, mother, grandfather, brother and two sisters. After supper took in the town and had a game of cards at "Bachelor's Quarters", won five cents at poker. After breakfast went through the two large manufacturing establishments, Cornish, Curtiss and Green makers of dairy supplies, and Northwestern Manufacturing Co., makers of buggies, cutters, etc. Landgraf's father is a maker of wheelbarrows. Left the Fort at 8:40 a.m. and proceeded east to Hebron and then to Punk Hollow and then along to Dousman's Trout Pond where I stopped to feed my horse. This is fifteen miles from Waukesha. From here through Genesee to Gale's where I stopped for an hour. Fred was gone to town. Got home just before supper. Found everything

about as usual although mother is not in very good health. Had fine weather for my ride and Kit went in fine shape. Was on the road just a little over twelve hours for a distance of seventy miles. Met very few teams on the road, all the farmers being at work in the fields. From one place I counted eighteen horses at work in the surrounding fields. The land seems to be in excellent condition. Hate to be without a horse now, but mother needs her at home. There is nothing in the world that I enjoy more than horse back riding.

Legislature adjourned last Saturday. Appropriated \$65,000 for the World's Fair, rather small.

Received a great big company letter from Green tonight.

1891 May 3. Great game of ball yesterday. Beloit vs. U.W. Score 12 to 11 in our favor. Very exciting game. At end of fifth inning it was 10 to 5 in favor of Beloit but our boys gradually pulled out until the end of the eighth it was 11 to 10 in our favor, then in the ninth Beloit tied the score but when our boys came to bat for the last time they made another run and won the game amid the tremendous cheering of the crowd. There was a drizzling rain for the first part of the game and the day was cold so that errors were numerous on both sides. Rosenthal is pitching for Beloit but he did not put up a very strong game today.

Wrote a long company letter this evening.

May 17. Sunday. Time is going very fast; not faster than usual I suppose, but I have been so busy that it seems to go faster. A week ago today I was in Chicago with the ball boys. Clark, Johnson, Prescott, Hammond, Sheldon and Hooker went Friday morning, May 8, and saw the Cleveland-Chicago game at Chicago in the afternoon. Week and Campbell went on the 1:10 p.m. train Friday and Butt, Beebe, Blake and myself went on the 7:50 train Saturday morning. Passed through Waukesha at about ten o'clock and saw mother and Charlie for a minute at the station. Arrived at Lake Forest at about one in the afternoon. The other boys had just come up from Chicago so that we were all there ready for the game. Lake Forest has a new diamond, skinned; it was just finished the day before so was not in extra good shape. It was very dry and dusty and the wind blew quite hard. Our boys put up a good game but Lake Forest did not, 20 to 3 in our favor. Taffy batted out a home run. From Lake Forest we went down to Chicago and stayed there until Monday. Stayed at Briggs House, rather a poor place. Saturday night we nearly all went to the Grand Opera House to see a play called "A Trip to Chinatown". Sort of a leg show, not very much good. Rained Saturday night, Sunday was rather a bad day, raw, cold and raining most of the time. Wanted to go out to some of the parks but the weather was too bad. In the morning Clark and I took a stroll around and about a couple of miles down Michigan Avenue. Pretty fine places along there. In the afternoon went to Eden Musee and to the Art Gallery in the Auditorium Building. In the evening went with Week to Chicago Opera House to see Crane in the play "Senator". It is a good play and Crane is a fine actor. To use a popular expression it is way out of sight. Monday morning at 11:30 we went to Evanston and played there in the afternoon. Got done up to the tune of 8 to 5. At the beginning of the eighth inning it was 5 to 4 in our favor but in the eighth our boys went to pieces and this with some good batting by the Evanston's brought in four runs which won the game. Evanston has a good team especially the infield but the battery is not very strong. Think we will do them when they come to Madison.

Had to return to Chicago as we were too late to catch the train for Milwaukee. Went to McVicars Opera House in the evening. "Blue Jeans", a fine show, fine scenery and some very interesting acting. The representation of the inside of a planing mill was great and a bull on the stage in the picnic scene was not bad. The rustic band turned out some good music and the drum major was a "hit". Had to leave before the end of the play so as to catch the 11:15 train for Madison. Arrived O.K. at 3:38.

Yesterday was field day. I was laid up with the grip or a very bad cold and so could not go. Several of the University records were broken. In the morning President Scott of the University of Ohio and also the President and Secretary of the Board of Trustees and Mr. Packard, an architect, were here looking over the University. They were very favorably impressed with our institution and its location. Mr. Packard had a "kodak" with him and took numerous views of the grounds and buildings. He fairly went crazy over Science Hall and said that it was the finest college building he had seen anywhere. They were all nice gentlemen. I am trying to get a position there at the University and had quite a chat with the President. After dinner I was completely done up and had to go to bed.

1891 May 20. Did up Lake Forest Monday 14 to 8. Poor game, lots of errors on both sides. Yesterday we played the Marinette club of the State League. Another poor game, 14 to 8 in favor of Marinette. Don't see what ails our boys to play such ball, twelve errors in one game is outrageous.

Our boys went to Fond du Lac last Friday and got done up 7 to 3. I did not go with them.

Went to see W. Hohlendler today with reference to a job at Oshkosh Normal School; pays \$1500.

May 24. Sunday. Went to Beloit yesterday. Had special train, 256 passengers. Forty University girls, great time, but the game was not entirely satisfactory. We took Spencer to umpire and Beloit had McGinley from Janesville. The game was very interesting and when our boys came to bat in the last half of the ninth inning it was 4 to 4. Hammond made a two-bagger and Hooker followed with a grounder to the pitcher, Rosenthal. He was slow in fielding the ball and Hooker got to first just about the same time as the ball. Spencer who was umpiring bases called him safe by a motion of the hand. The Beloit's immediately kicked and claimed that Spencer had motioned him out. Spencer stuck to it that the man was safe and the Beloit's left the field. Spencer declared the game 9 to 0 in our favor. Beloit will contest but they won't get it. Rosenthal is a tricky cuss and saw that he was going to lose the game for Sheldon was the next man to bat. Prescott was quite badly hurt. One of the Beloit men jumped into him while he was playing first; knocked him down and a man scored from second base before Prescott could get up. He held the ball but the umpire called the runner safe. It was a bad deal that we got all around, both from the umpires and from the Beloit players. We left Beloit a little after seven, stayed at Janesville until ten and arrived at Madison a little before twelve.

May 31. Sunday. University of Minnesota ball team played here yesterday. Good game and our boys came out ahead 7 to 5. Would like to see the Minnesota boys in the League next year. They were mostly fraternity boys and stayed at the chapter houses. Tomorrow the Northwestern boys play here.

1891 June 18. Have had no time to write lately. Between base ball, trig. class, comet orbit and commencement have had no time to do anything else.

Evanston played here but they played us a dirty trick by running in a professional pitcher from Joliet. Miss Flesh recognized him as a classmate of hers at the Piqua Ohio High School, but she said nothing until after the game. Evanston won by a score of 7 to 4. The pitcher was on the score card as Wilson but his real name is Munger and he played with the Joliet professional team last year. We have protested the game and expect to get it, although a meeting of the directors has not yet been called. The Evanston boys claim that he was a pharmacy student and had entered under the name of Wilson. I wrote to the dean of the Pharmacy School and find that no such person has even been a student there. The case is a clear one and we will surely get the game, and if we do it will give us the championship, otherwise Evanston has it. It was a mean trick and may result in breaking up of the League. Financially we came out all right; paid all our expenses and had \$125 left in the treasury. Levied an assessment of eighty-five cents. This made a dollar in the treasury for each of the 275 shares and some over which with the \$110 from the "Confederate Spy" has been applied to pay all old debts against the association. We are now free from debts and on a good financial basis, and it is to be hoped that we will have continued prosperity from now on.

Got through with my trig. class last Friday. Let everyone through and only examined a few. Was glad to get done. Another Commencement has gone by and '91 passed out into the world. Ninety-one of them in the four-year courses. Dr. Gilman, President of Johns Hopkins University, gave the address to the graduating class. I did not hear it, but it is reported as being good. The only exercise of Commencement week that I went to was the Alumni Dinner on Tuesday. Only a few of Ninety there: Blix, Olson, Bruce, Phelps, Smith, W. M., Miss Vernon and Miss Moseley. The toasts were good and were responded to by President Chamberlin, Governor Peck, John Johnson, Senator Kingston and L. C. Wheeler of '91. Col. Vilas of '59 and Mr. Flowers of '56 were also called upon and gave appropriate responses.

Last Friday night, June 12, the old "Gym" was burned. It started just before eleven o'clock. I was just going to go to bed when I looked out the window and saw the sky all lighted up. Rushed out, met Mr. Flint who had been working in the Students Observatory. We ran down and it was all ablaze. No one else got there for nearly five minutes. An alarm was sounded after a while and the fire department turned out, but it was half an hour after I got there before water was put on the building and then it was too late to do anything but save the sidewalk. There was nothing in the building except two or three old cannon down below. There is no clue as to who set the fire but it was probably some town roughs. The building was not worth much but it is bad for the reputation of the University to have it go in this way.

Have been computing a comet orbit for quite a while and when I finish that will go home for a couple of days and then take a trip to California and Oregon. Am going to work with Bill, at Sanger, for a couple of months.

Went riding last Sunday with E. M. Went out to the Fish Hatchery and around Third Lake. Had a nice time. (The recorder has not the least idea now who E. M. was.)

Was elected to a fellowship for another year but declined to take it. Am not settled yet for next year.

(The recorder left Waukesha for a western trip to visit his brother who was manager of a gold mine in the Blue Mountains of Oregon, on June 23, 1891, and returned September 7. A full account, covering seventy-five pages, 11 by 15 inches each, is recorded in the diary, much too extensive to be given here. It is indeed a whole story by itself.

Up to this time the recorder had never been further west than eastern Iowa and had never seen a mountain or an ocean. This trip was an eye opener and stands out as one of the great events of the recorder's life.

The clearness and the blueness of the sky at Denver and other places in the mountains; the experience of trying to swim in Great Salt Lake; the barrenness and drabness of the semi-desert regions of Utah and Nevada; the first glimpse of the Pacific Ocean, with its vast expanse and ceaseless, eternal motion; the giant trees of California; the trip to the Lick Observatory with its great telescope and wonderful view; the experiences at a gold mine in eastern Oregon; all these are experiences never to be forgotten.

But greater than seeing mountains and oceans, giant trees and glittering gold mines was an event which affected the whole life of the recorder, for here he met the young lady who a few years later became his wife, and still insists that she is not sorry that the recorder with his little book came to the mountains of Oregon in the summer of 1891.)

CHAPTER VI

DIARY OF A GRADUATE STUDENT AND ASSISTANT 1891 - 1892

1891 September 15. It is quite a spell since I wrote last, but then such is life. Left Waukesha for Madison 10:30 a.m. Wednesday September 9. Arrived here safely and found everything about as usual. Adam Comstock, a U.W. student for two years, was at the Observatory for two months during the summer, taking meteorological observations and sending out time. Have my old job at the time service and shall have one or two classes in mathematics but that has not been arranged yet. Large freshman class, over 250 in the college departments, that is excluding law and pharmacy students. Am boarding at Baker's again.

Have been busy getting my variable star work in shape to continue. Have worked two nights at it thus far. Am taking time with the Fauth Transit again. Flint is using the Meridian Circle to make some more observations on the work that Brown was doing. Comstock is using the 6-inch equatorial.

My old friend, Henry Lord, has got the position in mathematics and astronomy at Ohio State University that I was looking after. He is well known there and his brother is professor of chemistry at the same institution so he had the bulge on me. Am rather surprised that Lord left the electricity business. Have been out on the lake once. Am glad to get back where there is some water, but it is pretty cool to swim. Have had a bad cold since I struck Wisconsin so have not dared to try the water. Lots of new "profs" at the U.W. this year, everything booming.

October 4. Have all my notes of the summer copied and I will try and keep the diary in shape now. Commencing with September 15 we had a spell of remarkably warm weather lasting over a week. The thermometer would go above 85° every day and one day reached 90° . The nights were hot, the temperature not going below 67° and everything was terribly dry. Taken all in all September was quite a remarkable month. The rainfall, 0.38 inch, was the least known at Madison since records have been kept and so also the mean monthly temperature, 68° , was the highest known, and the maximum temperature, 90° , has been exceeded but twice. The minimum, 35° , was ordinary. Our records extend from 1854 to the present time with the omission of several years in the sixties. Went swimming several times during the warm spell, have missed my usual swims a good deal this summer. Have one class in mathematics at 11 o'clock. Professor Van Velzer wished me to take two classes from 11 to 1 but Prex. "sat down on it". Guess old Prex. has got a grudge against me. My class is a peculiar one, sixteen girls and seven boys.

October 7. Went to a lecture at "Cong." Church last night. "Gerome Savanarolla" by Dr. Gunsaulus of Chicago. He is a fine speaker. I have heard him before and would like to hear him again. Big audience although the night was rainy.

October 11. Sunday. Still the world moves. Have been working night and day the last few weeks and do not get much time for anything but work and sleep. We have had several rains so far this month so that the earth is beginning to look green again.

1891 October 12. Fine day. Was up until three o'clock this morning observing. Took my washing down before breakfast. When I went to my class at 11 o'clock found the room locked and Patrick no where to be found so was obliged to let the class go. They seemed to be very happy and I was not sorry. Am not observing this evening; bright moon interferes with my variable star work. Fire bell rang a few minutes ago for a fire in the third ward; don't know what it was.

October 24. Another long break in my records. Went home last Friday, October 16, and came back horseback. Mother was feeling and looking much better than when I was last home. The weather was very fine when I left Madison, but it soon changed and there was a big rain Friday night. The weather was very threatening Saturday morning, but I started at 7:30 and purchased a rubber coat as I passed through town. Went through Genesee and stopped at Hardy's. Saw Mr. Hardy but "Deacon" (Clarence Hardy, U.W. '91) had gone to Waukesha. From Genesee went on to Dousman and stopped there for dinner. After dinner journeyed on to Jefferson passing through Sullivan and Helenville. Jefferson is about thirty-five miles from Waukesha and about an equal distance from Madison. Put up at the Jefferson House the same place as last year. The weather was threatening all day, but there was only a sprinkle of rain that did not amount to much. The weather Sunday was quite similar to that of Saturday.

Left Jefferson at 8:30 a.m. and stopped for dinner at Deerfield having passed through London. At the hotel in Deerfield met a U.W. Alumnus, Miller of '91, who is teaching school there. From him learned the result of the foot ball game at Beloit on the previous day, 40 to 0 in favor of U.W. Our team is in good shape this year and will probably win its share of victories. While at Deerfield it rained a little but there was no more during the afternoon. Struck Madison about 5:30 none the worse for the journey.

A year ago I gave quite a long description of the country passed through so I will attempt nothing of that sort now. The journey from Jefferson to Madison was different this year. We passed to the south of both London and Deerfield last year. Last year's route is more direct and more pleasant, the roads being much better. Upon waking up at Waukesha Saturday morning I found myself the possessor of a very bad cold and thought that a ride of seventy miles through rain, wind and mud would make me a dead man sure, but on the contrary, Monday morning found me with the cold almost gone.

Had a companion part of the way in the shape of a little yellow dog. While passing through London he came out to meet me. I told him hello, puppy, he wagged his tail and came along. He followed us to Deerfield where we stopped for dinner, but when I came to leave I found my newly made companion had disappeared and we, horse and I, were obliged to journey on alone. He was a pretty little fellow and I hope he has gotten home safely. Have been out riding every day since and enjoy it much.

The weather is fine, some hard frosts the last week or so. Am working on my variables every clear night. My old friend Harrington dropped in on me this morning, came to stay in the city over Sunday. His sister is attending the U.W. this year. Tim is teaching again this year at the Catholic Normal School, St. Francis, near Milwaukee.

November 12. Still the world moves on. Since my last entry in this "little book" nothing special has transpired, have been going along with

my regular duties same as ever. The weather has been pretty damp for the past week. Have had several big rains which were muchly needed and this afternoon there is a snow storm in progress, the first of the season. Last night was clear, the first one for a week, worked until 2:30 o'clock. Go for a ride when the weather will permit. The leaves have nearly all fallen now so that the trees have lost their golden splendor. The new dairy building, Hiram Smith Hall, which is being built just west of the Observatory is getting along nicely and will be nearly completed by January 1. The foundation for the new Law School Building between Library Hall and Agricultural Hall is also being laid. Mid-term examinations were held October 30. I had to examine fifteen out of twenty-three in my class. Received the Company Letter day before yesterday. We are going to have a reunion during Xmas. holidays and expect to have a H. O. T.

A short time ago Mr. and Mrs. Grover Cleveland became possessed of a small girl and this daughter of fame and beauty is called by the simple old-fashioned name of Ruth.

1891 November 15. Sunday. Rather a disagreeable day, cold southeast wind, mist, fog and rain; but then we need lots of rain for the last few months have been very dry. There is a total eclipse of the moon at the present time 5:30 p.m., but we will not even get a glimpse of it. Have had but little observing the last week, there being almost continuous cloudiness. Have just finished writing a long Company Letter. Am looking forward eagerly to our reunion at Xmas. Have not had a ride since Thursday. Expected to go today but the weather would not permit. Our snow is all melted again.

There was a fine football game yesterday between the U.W. and Lake Forest teams, which resulted six to four in our favor. Ahara and Thiele played a great game for U.W. After the game went to a lecture at Library Hall on "Norse Mythology" by Professor Anderson. It was good but I had some difficulty in understanding him. The hall has been repaired since last June and now presents a very neat appearance.

On November 3 went to a lecture at "Cong." Church by Lyman Abbott, D.D., successor of Henry Ward Beecher, as pastor of Plymouth Church, New York. The lecture was purely an instructive one, his subject being, "The Industrial Problem". He did not give a general treatment of the subject but simply his own views. As near as I could make out his scheme was that of Nationalism or the Bellamy idea, although perhaps not quite so radical. He advocated the government control of telegraph and railroads and a co-operative system in manufacture. He is not an orator nor even an entertaining speaker, but he has ideas of his own and is not afraid to express them in plain language.

November 21. Saturday. Went to lecture at "Cong." Church Thursday evening by Dr. Jas. Hedley of New York. Subject, "Wanted - A Man". The lecture was entertaining and instructive. He tells a great many stories and he has a very excellent way of telling them. He is a regular mimic and clown and the expressions of his face are enough to make anyone laugh. But the lecture was not all funniness for there was a moral running all through it. I heard him once before on "The Sunny Side of Life" and that lecture was fully as entertaining.

November 22. Sunday. Went to a lecture yesterday afternoon at Library

Hall by Hon. John Johnston of Milwaukee. Subject, "History and Practice of Banking". The lecture was entertaining and gave a good treatment of the subject. His historical account was interesting and complete. Mr. Johnston is cashier of the Wisconsin Marine and Fire Insurance Co. Bank of Milwaukee better known as Mitchell's Bank. Mr. Johnston is a staunch friend of the University and gives to the University each year funds for a fellowship and a scholarship. Spent most of today in writing letters, wrote a long one to my little mountain friend of Oregon.

1891 December 3. Thursday. A week ago today was Thanksgiving. Went skating on Third Lake Bay and so ate turkey with a good appetite. Spent the evening before at a little party given by Mrs. Wing. Perhaps a dozen or more of professors, students and friends. Mrs. Wing is a very nice woman. Mr. Wing is professor of Bridge and Hydraulic Engineering. Mr. Tisdell, instructor in elocution gave a reading from Dickens' that was very enjoyable.

Don't know whether I have ever mentioned it in this diary, but we have a very nice set of folks at "our" table where I board, Baker's on Murry St. At the head of the table is the Autocrat, Professor Williams, professor of Hebrew and Sanskrit. To his right is Miss Sterling, instructor in German, to his left Dr. Hobbs, professor of metallurgy. Next to Miss Sterling is Mrs. Jackson and then Professor Jackson, professor of electrical engineering, then comes Mr. Tisdell, instructor in elocution. At the end of the table are Miss Light and Miss Schlegel, two students. Next to Dr. Hobbs is Mrs. Wing and then Professor Wing. And next to him is your humble servant, who has been dubbed with the title of Lord Townley, which was given to him by Mrs. Wing when she learned of the fact that he was an Englishman, or next thing to it, of English parents. We have a jolly good time and many is the story, joke and laugh that goes around. Some time ago we instituted the plan of a fine of one cent for every slang word used, Mr. Tisdell being the judge, Judge Tisdell if you please. The rule has not always been rigidly enforced but we already have quite a small fortune. We have not yet decided what shall be done with the fund, but it is probable that we will make an "endowment" to some charitable institution. Miss Sterling's cat, Lieutenant Fritz Sawmill Quicksilver Cyclone Bascom Sterling, is a frequent visitor at the table. Cyclone, by which name she is usually called, has become a special friend of mine and indeed there is nothing in the world I like more than a nice cat.

There has been much cloudy weather of late, only a clear night now and then. It has been raining today so that all the skating is spoiled. Fourth Lake froze a little along the southern shore but that is all gone now. Had quite a snow storm a week ago.

December 7. Monday. Fine day, cool and clear, will probably be a fine night. Fourth Lake not yet closed. Dom Pedro, the exiled emperor of Brazil, died in Paris last Friday. Saturday an attempt was made upon the life of Russel Sage the great Wall St. financier and railroad king of New York. A man entered the office and demanded a million dollars in money. Upon being refused he produced a dynamite bomb and a terrific explosion followed which almost wrecked the building. The bomb must have exploded prematurely because the man himself was blown all to pieces, while Russel Sage escaped with very slight injuries. One of the clerks of the office is also missing and it is supposed that he also shared the fate of the bomb thrower. It is now thought that the man was an escaped lunatic. He surely must have been a

lunatic whether escaped or not.

There is still some diphtheria at Waukesha and a few days ago Mr. and Mrs. Frank Fuller lost two of their little children and on Thanksgiving Day Mrs. Fuller's sister Anna Love, age 14, died of the dread disease. It is a very sad case. What a terrible disease diphtheria is. There have been no cases in Madison for some time and I hope there may be no more.

1892 January 1. 1 a.m. Am going home on the 4:40 a.m. train. Have been working all evening on the December weather report. Have not been to bed before 1 a.m. for a week and feel about used up. Green and Parker were here last night and the night before and we had quite a blow out. Boly was going to come up but was taken sick with the grip and could not come. Green is getting \$1200 now at Ishpeming and Parker \$900 at Fox Lake. Night before last we had a can of oysters and a pie, etc. and played poker until two in the morning. Last night we had some fruit and cider and did not get to bed at all. Green went away on the 3:38 a.m. train and Parker on the 4:40. Have had some fine skating for a few days. There was a big rain a few days before Xmas and the lakes were opened but they froze again on the 26th and from then until yesterday there was fine ice but yesterday it began to rain again and is raining yet. Spent Xmas very quietly, worked all day. Have done considerable observing this vacation although not as much as I expected to.

The old year went out amid the pattering of rain, blowing of whistles and firing of guns. Goodbye old friend, we'll never see you again.

January 17. Sunday evening, 9 o'clock. It is so long since I have written in my dear old book that I am almost ashamed of myself. Have not been so awfully busy but have simply neglected to write, perhaps because there has been nothing very startling to write about. Went home on New Year's morning on the 4:40 train. It was raining hard at the time and kept on raining all day, but a cold wave came in the evening and it has been cold ever since; the most remarkable, for length, cold snap we have had for several years. Since January 1 the highest temperature recorded here is 24° and the lowest -11°. We have had several snow storms so that there is nearly a foot of snow on the ground now; really seems like an old-fashioned winter. The sleighing is elegant but I have no cutter here and have to content myself with an occasional horse back ride. The skating of course is all spoiled but iceboats will run through the snow.

Have one class this term, in algebra, from 10 to 11. Good class, too, ten girls and six boys. About half of them were in my class last term. Several of them changed their latin in order to get into my class, and I can't help but think that this shows that my teaching is at least not a total failure. I enjoy teaching immensely and don't know but that I ought to go into it rather than sticking to this observatory work.

Last Thursday occurred the death of the Duke of Clarence, eldest son of the Prince of Wales. He was twenty-eight years old and was to be married in a few weeks to Princess Victoria Mary of Teck and this makes his death a particularly sad one. He died of pneumonia which resulted from a cold contracted while out shooting. This brings Prince George, the second son, heir presumptive to the throne of England. Cardinal Manning also died the same day. On New Year's day occurred the death of England's oldest astronomer, Sir George Airy at the age of ninety years. He was one of the oldest astronomers

and mathematicians of this century and was for forty-six years director of the Greenwich Observatory.

On the evening of January 5 heard Sir Edwin Arnold, the noted English poet, give an "Author's Reading" at Library Hall. He read a number of translations from old poetry of India and most of the audience were much pleased. He is a very fine reader.

1892 February 2. Tuesday. Have had a lot of clear weather since I wrote last, so have been very busy. It has been cloudy for a few days past, however, and quite warm. Snow nearly gone. Fine ice-boating. Last Saturday Horace Rublee, editor of the Milwaukee Sentinel, lectured at Library Hall, subject, "Mummies and Masks in Politics". Very entertaining lecture.

A week ago Saturday Prof. Parkinson lectured on "Money". Did not hear it. The week before that Prof. Comstock lectured on the "Growth of the Universe", being an exposition of the Nebular Hypothesis. These Saturday afternoon lectures are a very good thing, free to all. Hesperia Semi-Public last Friday night, did not go.

February 18. Thursday night, cloudy; mid-term examination tomorrow and holiday Monday, Washington's birthday. Lecture last night at Library Hall by Dr. Edward Eggleston, the author. He came prepared to give a lecture on his travels in Ireland, but it had been announced here through a mistake of the agency that the entertainment was to be an author's reading, so he combined the two. Gave part of his lecture on Ireland and read a couple of selections, one published in the Century some years ago, and the other an extract from the "Hoosier School Master". He is a very entertaining reader and talker, makes no attempts at flourishes or oratory, but has a very interesting way of putting things.

On February 4 heard the last lecture at "Cong." Church by Dr. Conwell, a Philadelphia preacher. Very forcible speaker, reminds one of Gunsaulus, although not so oratorical. He spoke of some unheard of Venetian patriot, Daniele Manin.

February 12 was the Joint Debate between Hesperia and Philomathia. Philomathia won. This was their first debate and they are accordingly exceedingly jubilant. The society is a young one having been started in the fall of '86 but it is strong and growing. The question and speakers are shown by the program on the opposite page. I thought the decision was wrong. Hesperia's boys did well, especially Rogers. Donovan did not come up to my expectations.

March 6. Sunday evening cloudy. Time flies; only three weeks more of this term. In algebra we are studying the solution of equations of higher degree. Class getting along nicely. Weather nice, not cold, not warm. Big snow the other day; mostly melted now. Get out for a horseback ride about twice a week. Kit is fat as a roll of butter and very frisky. Heard from home a couple of days ago, everything O.K. there.

The University has made a fine addition to its faculty in the person of Richard T. Ely from Johns Hopkins, who is to be the head of a new department of Economics and History. Dr. Ely is an economist of marked ability. The University has also lost three of its engineering professors, Wing, Smith, and Hoskins who go to the Leland Stanford University. Smith and Wing have

been here but one year and I know but little of them. Hoskins is a graduate of the U.W. and has been teaching here several years. He is one of the best instructors in the University and we lose much in losing him, but money makes the professor go.

Have been busy several days writing a paper on variable stars for the Contemporary Club.

1892 March 27. Sunday. Great Scotland how time flies. Will have to give up my diary entirely if I can't write oftener. Two weeks ago today I was at Fox Lake, Wis., visiting my old chum W. N. Parker who is principal of the High School there. Left here at 11:30 a.m. Saturday, March 11. Prof. Turner was on the train as far as Portage, going to Eau Claire to give an extension course lecture. We had a nice chat about University affairs, extension course lectures, Dr. Ely and so forth and so on, everything in particular and nothing in general. I had to wait nearly three hours at Portage and took the opportunity to see the town. Not much to see except some terribly muddy streets. Arrived at Fox Lake at 4:40 p.m. and found Parker at the depot. We went immediately to his rooms and spent the time until supper in a grand old-fashioned gossip. In the evening we went to call at one of the nicest houses in town where I met Miss Van Dyke, one of the teachers at the school, and Miss McAllister, a student at Donner College. Parker and Miss Van Dyke are - are - well you know - rather thick. Sunday was spent mostly at the rooms talking over old times and new times and future times, etc. and smoking Bachelor's Bride, a most excellent cigar of which Parker always has a good supply. All day Monday was spent at the school. It sort of brought back old recollections, for it was only the second time that I had been in a school since graduating from the Waukesha High School seven years ago. I had the pleasure of examining Parker's geometry class and found them doing very good work. They showed good instruction in the right kind of way. I visited all the rooms and found everything running smoothly. Parker is making a success of school teaching and I rather think he will stick to it although his intention while here was to study medicine. Left Fox Lake again 4:40 p.m. Monday, after a very enjoyable visit. Came back by way of Minnesota Junction and Jefferson Junction, reaching Madison at 10:30. Found everything O.K. here and since then have been back at the old routine.

Wednesday, March 16, I read a paper on "Variable Stars" before the Contemporary Club in the parlors of the Unitarian Church. Everything went off smoothly and if I am to believe the expression of friends the paper was not a total failure.

College closed last Friday, for a week. Held only four of my class for examination. They have done very satisfactory work. Don't know whether or not I will have a class next term.

Am very busy now finishing up my observations and getting them ready for publication. Have also a thesis to write for my master's degree. Next term will quickly pass and then I expect to leave Madison. Have an offer to go to the Lick Observatory for a year's study and at the same time to do enough work to nearly pay expenses. It will be a good chance, and I shall probably go. I have also applied for a fellowship at Harvard but can't hear anything from that for a while yet. The east would probably offer me better chances for study than the west but there is a "wild west" girl in Oregon that I met last summer whom I would like very much to see again and that may

possibly have some influence in turning my step westward rather than to the east.

1892 April 3. Sunday evening. Vacation gone. Have been here all the week. Have been busy making out astronomical data, weather reports and writing an article about our time service for the Astronomy and Astro Physics. Was cloudy most of the week, so did not observe much. Lakes opened Friday, April 1. Raining tonight, thunder and lightening. Have been riding several times during the week, terribly muddy.

April 10. Sunday. Have been celebrating today, celebrating my twenty-fifth birthday all by myself. After dinner I took a walk out to the quarries west of Madison and found a lot of pass flowers or wind flowers or May flowers or whatever they are called. Came back through the woods and over the hills. Got some fine views of the lakes and the city from the tops of the hills. Beautifully fine day. This evening went to church with my friend, Maurer, and finished the celebration by writing a long letter to my "little mountain lass". Just think of it; quarter of a century since I came into the world. Suppose I ought to begin to feel old now, but I don't; feel just as much of a kid as ever.

Have a class of 28 in "Trig" this term from 8 to 9 o'clock. Nearly all of last term's class and several of the fall term.

The students have started a daily paper this term called the Daily Cardinal. It has been very good thus far.

May 11. Wednesday. Took my old nag home last week. Left Madison just after ten o'clock, Friday, May 6. Reached Sun Prairie, thirteen miles, by dinner time and stopped for about three-fourths of an hour. After leaving Sun Prairie we passed through Marshall, Waterloo, Portland and Hubbleton and arrived at Watertown, twenty-eight miles from Sun Prairie, at about 6:30 o'clock. The roads were very muddy and through the big marsh, about three miles, at Hubbleton the mud was simply terrible. Stayed at Watertown all night and put up at the Commercial Hotel, a very good place. Saturday morning the weather was raw and cold but no rain. Passed through Ixonia, Oconomowoc and Delafield and arrived at Waukesha at 2 p.m. The roads in Waukesha county were in very good shape. At home found everyone alive and as well as usual. Folks have had the house painted and fixed up quite nicely, also carriage painted and a new top put on. Saturday night had quite a time. Mother and I were sitting by the stove gassing when at about 11:30 p.m. the fire bell began to ring. We did not pay much attention to it at first but it kept ringing and ringing, until we thought the whole town was burning down and so I went out to investigate. Found there was no fire at all but a fight down at the Hygea Spring. A company has bought the spring with the intention of laying a pipe line to Chicago to supply the World's Fair with good drinking water, but the village has refused them the permission to lay pipes through the streets. Saturday night the company brought about a hundred men with tools and two carloads of pipe and were intending to lay the pipe across the river to the St. Paul track, but someone got wind of the scheme, and gave the alarm and before work could be commenced the firebell had brought out the whole town, so that nothing could be done. There was a big crowd of people there but no real fighting. What has been done since then I have not heard.

Came back to Madison Sunday night and have been at the old stand ever since. The weather is cold and raw and we have had an extraordinary amount

of rain the last two weeks, nearly five inches since April 30. It is two weeks ago tonight since I looked through a telescope, but it was clear last Saturday night when I was away.

1892 May 24. Tuesday. Not so much rain the last few days, although last Thursday, the 19th, there was a very severe rain and wind storm from the northwest. About 6 p.m. it turned to snow, and fell quite heavily for an hour. My boat got smashed on the shore with the high waves, but I have been able to patch it up with some zinc. There have been some terrible floods in the Missouri and Mississippi valleys. Lots of people drowned out at Sioux City. 5.39 inches of rain at Madison so far this month. One day last week Professor Wing went fishing after supper. Had fine luck and caught about two dozen perch and silver bass in less than an hour. This evening after supper took a row with Miss Light down to the mill and back; nice evening. Am nearly through observing and hope to have my variable star work all done up soon. Am going to the Lick Observatory about July 1 for a year's work and study.

June 12. Sunday. Friday evening Prof. Williams gave a steamboat party around Lake Mendota. The moon rose about nine o'clock and we had a very pleasant time. Those present were Prof. Williams, Prof. Comstock, Miss Sterling, Mrs. Smith, Miss Mosher, Lieutenant Cole and wife, Dr. Kremers, Mrs. Wing, Miss Light, Miss Schlegel, Mr. Tisdell and a few others.

Thursday evening was over to Maple Bluff with my two Freshmen girls, Misses Thomas and Stedman. Had a most roaring, tearing time.

Wednesday evening went fishing with Miss Light and caught a whole lot. Had a huge time, etc., etc. Weather fine lately but lots of rain, seven inches during May.

June 17. Another year closed and this end of town deserted. My friend Bolender, of the "Bachelor Four" came up Tuesday and stayed until Thursday. Then he went up to Fox Lake to see Parker graduate a class. Commencement went off about as usual. Major Powell, Director of the United States Geological Survey, gave the address to the graduating class. I went to the Alumni Dinner and met a considerable number of Ninety there. Millman, Seymour, Bolender, Bruce, Phelps, Smith, Tarrant, Hooker, Cassoday, Miss Jewett and Miss Potter. President Chamberlin concluded his toast with the words, "Men may come and men may go, but the University of Wisconsin will go on forever", which were very significant considering the many rumors that he was going to leave. Since then he has resigned and will go to Chicago to take charge of the geological department of the new Chicago University. It is a great loss to the University and I earnestly hope that a good man can be gotten in his place. During Pres. Chamberlin's career of five years the attendance has nearly doubled, reaching over a thousand this past year. The courses of study have been changed and enlarged, the government of the institution changed; the agricultural and mechanical courses particularly strengthened; everything has been booming and everywhere the spirit of progress has been manifest. Much of this has been due to Pres. Chamberlin's efforts, he having taken the initial step in nearly all the reforms. He met with much opposition when he first came to the institution and I, as well as everyone else, that had been under Pres. Bascom, disliked the new president. I do not like him personally now but I must admit that he has made an excellent executive officer. Much harm has been done to the University by several democratic papers which have claimed that it contained many overpaid professors

that did little or no work. The charges are entirely false. Then, too, the governor recently appointed several democrats on the Board of Regents. It is rumored also that the President and the Board have not worked harmoniously. All these things have not helped to make the President remain. I hope the democrats will have sense enough to get a good man in his place.

To partially offset these misfortunes the University has recently had a considerable amount of good advertising by the election of Dr. Richard T. Ely of Johns Hopkins University as Director of the new school of Economics and History. A splendid course has been established and there is a bright prospect of a large number of students this coming year. It is aimed to do considerable graduate work in the department and thus help to make this truly a University. The article upon the opposite page will give some idea of what is to be done.

After the banquet "Boly" and I went out on the lake for a little row and smoke. The lake was nice and smooth but the sun was rather hot. After supper went out on the lake again, with Miss T., one of my Freshman girls. The sunset was beautiful and all in all we had quite a spry time. Perhaps the last row I will ever have on old Mendota. As we came back Science Hall was all lit up for the Alumni Reception. All the departments were in full running order with professors and students in each to explain things. The building was prettily decorated and lemonade was served in the halls on each floor. It was a very successful affair and crowds of people were there.

Next day was commencement but I could not get down until after ten o'clock. Major Powell of the Geological Survey gave the address to the class but I did not hear it. The graduating class was not as large as last year. Your humble servant received the degree of Master of Science. Quite a number of other second degrees were given also. The subject of my Thesis was "Variable Stars of Long Period".

In the afternoon Boly and I went downtown, found McGovern, another '90 man, went up into Tommy Morgan's and had a couple of games of pool. None of us had ever played before and you can be assured that it was a most scientific game. In the evening we went to the Opera House to hear Johnstone, the mind reader, and I never before saw such a fraud perpetrated upon an intelligent audience. All he did was to run around the house blindfolded and find things that had been hidden by a committee of citizens that he had upon the stage. He would take one of the committee by the arm and pretend to read his mind and then run off and try to find the object hidden. I should call it muscle reading and not mind reading. If he read the mind of the man why did he not go immediately and find the object and not take the man with him? He tells by the willingness or unwillingness with which his companion moves whether or not he is going in the right direction, and when he reaches the spot it is easy enough to tell from the expressions of his audience where the object is. It's no mind reading at all.

Thursday morning Boly left for Fox Lake and since then I have been at work getting ready to pull out. Expect to leave Madison for good tomorrow, to stay home for a week or so and then go to the Lick Observatory for a year's work and study. Will have charge of the time service there same as I have had here for the last three years. I do not regret at all leaving the city of Madison; I regret but little leaving old U.W. now that I have gotten all that I want out of it, but I do regret sincerely leaving dear old Mendota and the college girls. No more pleasant rows, no more beautiful sunsets to

watch, no more rides home by the light of the moon. Oh, jolly times, you are no more. I will hie me away to the top of a mountain where there is scarcely water enough to drink. Never will I regret the day I came to the University of Wisconsin. Six years I have spent here and I will probably never spend another six in a more profitable manner. A college education is a grand thing and something that no one ever regrets having obtained. It lifts a man up, gives him broader ideas and above all teaches him how to think and investigate.

APPENDIX

During residence at Madison the recorder kept an account of all receipts and expenditures. It is thought that a few extracts from the account book may be of interest, as giving a chance to compare costs at the present time with those of fifty years ago.

During the time under consideration there were no dormitories for men students and only one for women, Ladies Hall. At the time of the publication of the Badger of the class of Ninety there were seven fraternities with an enrollment of sixteen juniors and three sororities with an enrollment of seven juniors. Excluding law and pharmacy students there were 106 students in the junior class at that time. Of these, eighty-two graduated in the following year. Parenthetically it might be noted that of the twenty-three juniors, who held membership in fraternities and sororities at that time, eleven did not graduate with the class of Ninety. Those who cannot live without putting everything in percentages may now get busy. The recorder refrains because the figures are for a single event at a particular time and prove nothing whatever. They may or may not be of interest.

It is thus seen that a large percentage of men students at the time under consideration lived in rooms in private homes. Of course a few lived at their own homes. Many of the non-fraternity men obtained their board at cooperative eating clubs, of perhaps a couple of dozen members each. A woman was hired to prepare and serve the meals at her home. One member of the club was chosen manager and he was responsible for all the buying. He received his board free as compensation for his services. The expense was then divided equally among the other members. This expense usually came between \$1.75 and \$2.25 per week. The recorder paid \$1.25 per week for a room during the Freshman year. These figures seem small in this day and age yet for a frugal student they were by all odds the largest items of expense.

The recorder has no exact knowledge of the expenses of any other student so does not know whether or not his are average. He feels sure that many students had larger incomes and does not see how any could have had much smaller incomes and continued to live. Of course those who lived at home and had neither board nor room to pay for stand in a class by themselves.

In the following tabulations there is given the detailed expense account for the first and last terms of the four year period and a summation for the four years.

EXPENSE ACCOUNT

First Term

| 1886 | | September | |
|------|------------------------------|-----------|----------------------------|
| 6 | Trunk | \$2.00 | 8 Three meals \$0.45 |
| | Ticket to Madison & return | 3.75 | College fees 4.00 |
| 7 | Hauling trunk | 0.25 | Board 2.00 |
| | Hair cutting | 0.25 | 10 Biology book 1.50 |
| | Blacking and brush | 0.40 | 15 Board 2.00 |
| | Buttons .16; oil .10 | 0.26 | 16 Laboratory deposit 8.00 |
| | Postage .10; pencil & ink.15 | 0.25 | Postage 0.05 |

September

| | | |
|---------|--------------------------|--------|
| 16 | Gloves .25; Necktie .25 | \$0.50 |
| 18 | Paper and pencil | 0.20 |
| 21 | Note slips .10; pens .05 | 0.15 |
| 22 | Note book | 0.10 |
| | Board | 2.00 |
| 27 | Incidental | 0.10 |
| 29 | Elastic bands | 0.05 |
| | Note book | 0.05 |
| | Washing | 0.30 |
| October | | |
| 4 | Stamps .14; Paper .25 | 0.39 |
| 5 | Four weeks room rent | 5.00 |
| | Football Assoc. | 0.25 |
| | The Aegis | 0.75 |
| 6 | Board | 5.00 |
| 8 | Belt & buckle, drill | 0.48 |
| 11 | Military suit | 18.00 |
| | Brush and comb | 0.40 |
| 12 | Military cap | 2.05 |
| | Washing | 0.32 |
| 13 | Stamps | 0.08 |
| 20 | Board | 3.00 |
| 27 | Board | 2.00 |
| 26 | Pop corn | 0.03 |
| 29 | Note book | 0.05 |
| 30 | Stamps .20; Washing .27 | 0.47 |
| | Load of wood | 5.00 |

November

| | | |
|----------|--------------------------|----------|
| 2 | R.R. from Oregon to Mad. | \$0.31 |
| 3 | Board | 2.00 |
| 5 | Room rent | 5.00 |
| 6 | Hair cut .25; stamps .03 | 0.28 |
| | Wood saw | 0.50 |
| 9 | Note book | 0.11 |
| 13 | Washing, etc. | 0.20 |
| 22 | Pair rubbers | 0.85 |
| | Incidental | 0.14 |
| 26 | Overcoat | 11.00 |
| | Gloves | 1.35 |
| | Pencils and rubber | 0.14 |
| 27 | Mending shoes | 0.25 |
| | Board | 6.40 |
| 30 | Room rent | 5.00 |
| December | | |
| 1 | Board | 5.00 |
| | Note slips | 0.10 |
| 15 | Catalogue | 0.10 |
| 21 | Board | 3.17 |
| | Room rent | 3.75 |
| | Washing .16; Postage .04 | 0.20 |
| | R.R. Ticket | 2.60 |
| 23 | Mending shoes | 0.20 |
| | Hair cut .20; cuffs .25 | 0.45 |
| | Total first term | \$120.98 |

Last Term

1890

April

| | | |
|----|--------------------------|--------|
| 7 | "Prince and Pauper" | \$0.50 |
| 9 | Hesperian fines | 0.45 |
| 11 | Collar | 0.20 |
| 16 | "Badgers" (3) | 1.95 |
| | Necktie | 0.75 |
| | Engraving cane | 0.30 |
| 19 | Tuition | 2.00 |
| | Suit of clothes | 28.00 |
| | Postage | 0.25 |
| | Board | 5.00 |
| 25 | Hesperian fines | 0.20 |
| 28 | Board | 15.00 |
| | Haircutting, shave, etc. | 0.60 |
| | Envelopes | 0.55 |

May

| | | |
|----|-----------------|------|
| 1 | Baseball ticket | 1.00 |
| | Book | 0.85 |
| 7 | Richard III | 0.50 |
| 10 | Hat | 4.00 |
| 23 | Class-tax | 2.00 |
| 24 | Postage | 0.24 |
| | Incidental | 0.17 |
| 29 | Ball game | 0.45 |
| 31 | Ice cream, etc. | 1.10 |

May

31 Bet (Rhetoricals Green) \$1.00

June

| | | |
|----|--------------------------|-------|
| 2 | Board | 3.00 |
| | Postage, etc. | 0.65 |
| 5 | Hair cutting & shave | 0.35 |
| | Base ball Assoc. | 0.25 |
| | Board | 5.00 |
| | Shirt 2.00; cigars .25 | 2.25 |
| 7 | Colored glasses | 0.50 |
| | Necktie | 0.50 |
| | Repairing trousers | 0.50 |
| 9 | Perfumery | 0.25 |
| | Repairing shoes | 0.25 |
| | Base ball rig | 0.60 |
| 11 | Flowers | 0.85 |
| | Senior banquet | 5.00 |
| | Paper | 0.40 |
| | Class ring | 3.84 |
| 17 | Boat house rent | 3.75 |
| | Photographs | 13.50 |
| 19 | Straw hat | 1.00 |
| | Belt .40; board .40 | 0.80 |
| | Class tax .50; incid.80 | 1.30 |
| | Collars .45; drawers .90 | 1.35 |

| June | | June | | |
|------|---------------|--------|-----------------------|-------------|
| 25 | Lunch, etc. | \$0.25 | 28 Soap | \$0.10 |
| | Photographs | 2.00 | Cigars .25; bread .05 | 0.30 |
| 26 | Alumni Dinner | 1.00 | 29 Incidental | 0.10 |
| 27 | Incidental | 0.35 | 30 Washing | 0.48 |
| | Coat and vest | 4.00 | Hair cutting & shave | <u>0.35</u> |
| 28 | Washing | 1.56 | Total last term | \$123.44 |

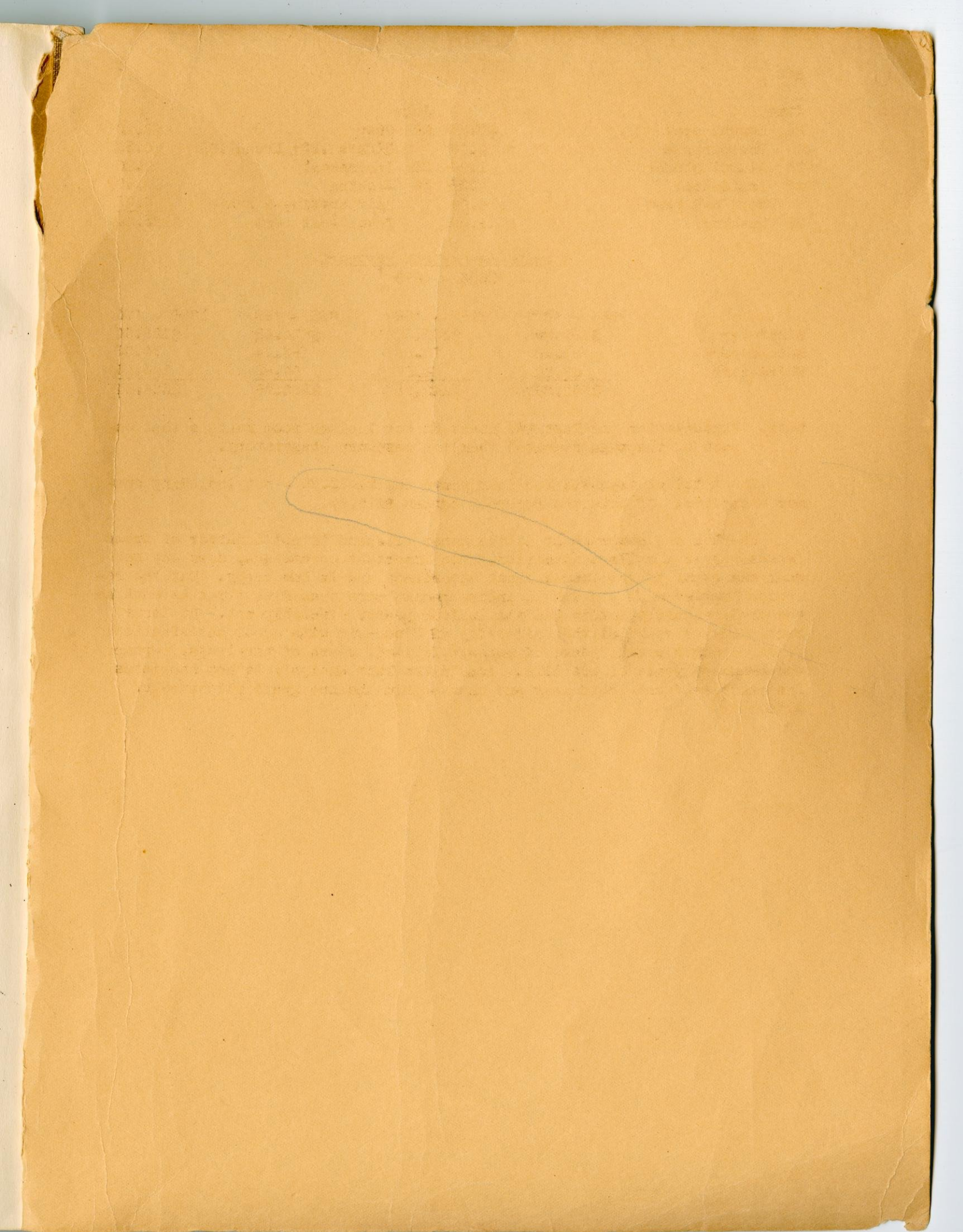
SUMMARY OF COLLEGE EXPENSES
1886 - 1890

| | 1886 - '87 | 1887 - '88 | 1888 - '89 | 1889 - '90 |
|-------------|--------------|--------------|--------------|---------------|
| First term | \$120.98 | \$105.30 | \$ 74.42 | \$128.64 |
| Second term | 61.42 | 72.56 | 63.74 | 74.03 |
| Third term | <u>49.86</u> | <u>64.87</u> | <u>84.62</u> | <u>123.44</u> |
| | \$232.26 | \$242.73 | \$222.78 | \$326.11 |

Note. Expenses for the last two years do not include room rent as that was part of the wage received from the Washburn Observatory.

The total of expenses for four years was \$1023.88 - not including summer vacations. Of this the recorder earned \$476.38.

Whether one has much or little money to spend is not a matter of great importance in a college education. The important points are, does one get what one ought to get from college attendance and is one happy. Was the recorder happier when his annual income became more than five times as much as the whole amount spent in Madison in four years? Probably not. He looks back upon the years at the University of Wisconsin with great satisfaction; years of achievement, years of hopes fulfilled, years of happiness, perhaps the happiest years of his life. And in the last analysis is not happiness for one's self and those near and dear to him the one grand adventure of life?



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