

COLLEGE EXPONENT

VOL. I.

BOZEMAN, MONTANA, JANUARY, 1897.

NO. 9.

—ISSUED MONTHLY—

DURING THE COLLEGE YEAR

— BY —

THE STUDENTS

==OF THE==

MONTANA COLLEGE OF AGRICULTURE
AND MECHANIC ARTS.

BOZEMAN CHRONICLE
PRINT.



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COLLEGE EXPONENT.

Issued Monthly During the College Year

By the Students of the Montana College of
Agriculture and Mechanic Arts

EDITORIAL STAFF:

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WALTER DAVIS, Special....Business Manager

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.....Asst. Business Manager

SUBSCRIPTION:

Fifty Cents per Annum, in Advance.

The editing of the EXPONENT is in the hands of half a dozen students, who, besides writing and arranging the material for the paper, also have charge of the business portion of the paper—sending out 2,500 copies every month and attending to the financial

interests. These persons are at the same time carrying full courses in the college. All members of the college are invited to send in contributions and thus lighten the work of the editors and at the same time get valuable training. But those sending in articles must not be offended if their contributions do not appear in the paper, as the editor must always slight some articles to give room for those more appropriate.

We received a letter from a former student, Oscar Fallang, complimenting us on the manner in which the EXPONENT is being edited. He requested a statement of his subscription account, and stated that he wished to pay in advance for another year's subscription. These are the kind of letters that we are pleased to receive. We trust that the present students will realize that they should subscribe for the paper, even if they do not feel disposed to give it support otherwise.

A movement is now on foot which will be of great benefit to the college in the future. This new move is to arrange for state and inter-state contests in oratory. A Western League Society has already been organized and it is hoped that Montana will

soon be a member of that league.

The literary societies of the college have taken up this matter, and committees have been appointed to arrange for a contest between the societies of this college. Committees have also been appointed to select a delegate, who is to meet delegates of other colleges of the state to form a state league.

Anything in this line should be encouraged, as it will be a great aid in promoting a college spirit and bringing the college into prominence.

A course of lectures would be much appreciated by the students and the citizens of the City. There are many subjects of interest, which are rarely mentioned in the newspapers, or brought to our notice otherwise, but if we could procure the services of some good lecturer for a week or so, the attention of the public would be drawn to such lines of thought, which are more educational and elevating than those which commonly occur to them.

The physics department of the college received another shipment of apparatus about the 10th inst. The list contains all the apparatus used in the Summer school of Harvard University, covering the course known as "Physics C."

Among other things there is an apparatus for producing X-rays. Very good results have been obtained already with it, but of course, as is the case with most of the other apparatus, the present quarters are inadequate for its use to the best advantage.

In order to create an interest in the EXPONENT, it is necessary that we

should have a large list of regular subscribers. The people of the Valley and State will not appreciate the paper as much when it is sent free, as they would if they had paid something for it, even if the price be ever so small. For instance, if they should pay only ten cents per year for a periodical, they miss it immediately, if it fails to reach them, for some cause or other; but had that paper been sent free to them, possibly they would never have missed it, when it stopped coming. We do not expect the people to pay for the papers which have been sent to them, but would like to see more interest taken in this enterprise, which the students are endeavoring to build up.

There have been a few subscriptions received from farmers of the Valley, and we trust that there are others who will make it a point to subscribe for the EXPONENT.

Mistakes in Sending Sample Copies of The Exponent.

The list of taxpayers which was used, was copied from the list at the County Treasurer's office, in which the names were alphabetically arranged. When it was desired to send copies to certain post offices in the county, the task of commencing at the head of the list and then glancing through all of the names, was one which could not be well performed without making errors, especially where the work was trusted to several different students. We have now revised our mailing list, and trust that not more than one sample copy will be sent to any one person, hereafter.

Faces.

HATTIE STREET.

Watching the faces of the students as they were passing to and fro, the thought came to me, How varied and wonderful is the work of God's hands as he has photographed life and character upon the human face; no two expressing or showing the same thoughts or mode of life. Not until we think of the millions of people who inhabit the globe, do we comprehend what all this means.

What a wonderful study it is, reading ever and anon, the history of a life as written upon the face. There is passing, now, one whose face speaks of determination and strength. No weak lines are there to mar the future. Next comes one, whose life has been guarded from the trials thus far in life's journey, and yet we think it is well, for that face could never have passed through shadow and storm. Now comes one, whose very life means gladness and sunshine, but strength and purity reign within. Then comes a face, once seen, not easily forgotten—youth in all its strength is here and one expects to find a high and noble purity—but no, the sin of unholy thought and word are slowly tracing their indelible lines which neither time nor eternity can erase. Look again—a face so strong and pure and noble, there is no doubt what the future will be, for resolution and determination are there.

As one after another passed and re-passed many thoughts came to me. Faces seen long years ago, seemed as fresh as though but yesterday; and then the thought came—why?

The face which bears the marks of a pure unsullied life leaves its picture on our minds as a lesson toward the right; and the face all scarred with

passion leaves its impress of the night. Watch the faces of the aged, learn the watchword of their lives. Choose the one which bears the tokens of well filled years of truth and right.

So surely as was pronounced the curse of Cain, so surely is it carried now. In our foreheads are the prints of all our thoughts and words and actions; for as our hearts are, so are we; and thus we come to see the influence of our lives upon others. As we speak the kindly word, perform the kindly deed, our faces receive the impression, and so, looking at us, those about us read the motives of our lives, and are brought to know the evil and the good.

Let us then be slow to anger,
Ever ready to do good;
Live a life so kind and gentle,
Doing ever as we should.

LOCALS.

Send fifty cents for a subscription to the EXPONENT.

August Ketterer is taking a business course.

Frank Cowan is taking a course in business.

Miss Mae Kidd, of Park Rapids, Minnesota, has entered College.

Mr. Frank Aagaard of Helena, is taking blowpipe and assay work.

Straw rides have been common among the students during the past week.

Geo. W. Darlington, of Logan, Mont., commenced school after the holidays.

Oliver and Carrie Foster made their appearance in school after the holidays.

Hattie Austin entered the Preparatory department shortly before holidays.

We are sorry to note that Charles Mendenhall did not return to school after holidays.

There are about twenty students, who have entered College since the first of December.

The Zethegathean Society has changed its time of meeting from Saturday to Monday night.

Lewis Corbly, of Spring Hill, is one of the late students. We are pleased to say better late than never.

Sam Sharman, the boy who won the bicycle honors in College last spring, has entered school again.

Jerome Locke, of Park Co., Mont., though small in statue, yet has had the courage to undertake a course at College.

The new marking system that was recently adopted by the faculty, seems to give general satisfaction among the students.

The students of the Art Department contemplate giving a costume party in the near future, which is likely to be a grand affair.

Walter Downing has had a very serious spell of sickness. We hope that he will soon be able to commence school again.

How about the gymnasium? Get together young men and organize. Physical exercise is needed as well as brain exercise.

Which is the more correct statement: Of all the boys, Frank walks with the most grace; or, of all the boys, Frank walks most with Grace? —Ex.

At the conference of college presidents, held in Columbus, Ohio, during the holidays, the question of foot ball was discussed with earnestness—strong sympathy was in its favor.

Ernest Paddock, of Leadville, Col.; Nellie Pease, of the Valley; Wm. B. Walker, of Lewis and Clarke Co.; and Hans Carl Biering, of the Valley, are those who enrolled after Jan. 1st.

Company H of the Montana Guards, has been changed from infantry to cavalry. Bozeman will be well equipped with military troops when the College militia becomes well organized.

During the Christmas holidays, half a dozen of the young men of the college took a practical course in carpentering. They were engaged under Prof. Williams, on the new Mechanical building.

A new lot of Physical apparatus has been received by the College, which will enable the students to carry on experimental work equal to that done in some of the larger Colleges in the East.

Cameras are becoming as popular in Bozeman as bicycles formerly were. We presume that the typical man of the coming spring will be represented

on a bicycle with a camera strapped across his shoulders.

The members of the Arena intend to give a drama in the near future, which is entitled "Above the Clouds." They will probably have it in the Opera House, as there is not sufficient room in the assembly room.

The camera exhibit at the art room of the Academy building on December the 22d, was quite a success. There were some very good pictures on exhibition, which speaks well for Boze-man's amateur snap-shooters.

Prof. Wilcox says that he has not seen such fine weather for some time, and that Montana weather cannot be compared with that of Boston, where a person is compelled to wear gum boots to school occasionally.

There is some talk of organizing a State League of Oratory between the four Colleges in this State, which confer degrees. If this League is organized, there will be an annual contest between the students of the different institutions.

We are once more glad to note that our friend and former student, Ed. Thompson, has lately entered College. Ed. was one of the first students who placed his name upon the list of this institution. His smiling countenance calls to memory pleasant events of the past.

The following are the names of those who enrolled during the latter part of the fall term: Samuel J. Crouch, of Three Forks, business; Margaret Ellis, of Bozeman, post-graduate in business; Blanche Pat-terson, of Manhattan, preparatory

department; Jean Smith, of Belgrade.

The X-ray machine at the Physi-cal laboratory attracts a great deal of attention from some of our stud-ents, whose brains are in deep study over the wonders of electricity. With the large new Holtz Frictional Elec-tric machine and a Crooke's tube, Roentgen rays are generated with sufficient intensity so that by means of the fluoroscope, the bones of the hand may be seen distinctly.

A young man walking in front of the Ferris block, a few days ago, picked up something which he thought was a rock and threw it at a horse near by, but missing the horse it crashed through a brick building on the opposite side of the street. The rock was examined and found to be a piece of Fluorite, a min-eral usually characterized by its hardness.

A certain person, wishing to enter school, enquired for the professor of the business department. The fact was discovered that there were many resi-dents in the city of Bozeman, who did not know that such a man was con-nected with the institution. This ex-plains what interest is shown, by some people, in college affairs. Possi-bly they will soon awaken to the fact that there is really a college located at Bozeman.

There is very little work going on at the College buildings at present. The weather has been exceptionally fine and much more work has been accomplished than was anticipated at the beginning of winter. The Chemical building, requires a great amount of work on the interior be-fore it will be ready for use. From

the appearance of the building, as it is at present, we can form a slight conception of how College Hill will appear when all the buildings are completed.

The Bozeman Hotel has been open to the public almost a year, and the people of the City have learned how great an advantage it is to have a hotel running which they can recommend to their friends. The traveling men find the Hotel convenient quarters, under the present management of Mr. Ed. L. Stowe. Some of the residents of the City have learned that they can board at the Hotel and have the advantage of all modern conveniences, which are required to make life pleasant.

In the college collection there is a fossil of a fish, which is rather difficult for a person to determine the position that it occupied in the water during life. A discussion arose, between the professor and one of the students in geology, as to which was the upper side of the animal. Both contestants were confident that their opinions were correct, so neither of them would give up; but they agreed to submit the matter to Dr. Wilcox for arbitration. The one who had the false impression of the position of the animal is to give an oyster supper to the class in geology, Prof. Cobleigh and arbitrator.

Rejected Contributions.

The EXPONENT, like every other publication on earth, must occasionally decline some work offered to it. Unlike most other publications, however, the EXPONENT is willing and glad to criticise all manuscripts submitted by members of the College,

and either to put the writers in the way of making the paper submitted available, or at least to help them to bring future work up to the requirements. This means a good deal of labor for us, and some work for you who are requested to help us in making this paper the success that we all wish to see. To the youth of our school and the present scanty enrollment in the upper College classes, is due the fact that, as compared with the older institutions, we have not many experienced writers for our work. We are not likely, therefore, to decline any meritorious work for a long time to come. The work submitted to us is subject to two tests: "Does it do credit to our school?" and, "Will it interest our readers?"

It is very easy to put one's own thoughts down in such a way as to entertain one's self exceedingly. It is not so easy to interest others. There is no better way to find out what sort of work is likely to interest others, than to study the contents of those papers that are most successful in the sort of work we are trying to do. It is to be hoped that our new library will afford room for the regular filing of our Exchanges, which include some of the most successful College papers published.

Change of Name Desired.

The name given to this institution in the act authorizing its establishment, is The Agricultural College of Montana. Our desire to have the name changed from The Agricultural College of Montana to the "Montana State College," arises from the fact that the present name is a misnomer, in that it gives an erroneous and very narrow idea as to the scope and purpose of the College. Both the design

and range of work of these Land Grant Colleges, are clearly set forth in the First Morrill Act, which set apart 30,000 acres of the public lands for each Senator and Representative in Congress, for the maintenance of said Colleges.

Section 4 of said Act stipulates how the moneys derived from the sale of said lands, shall be invested, and that the interest "shall be inviolably appropriated by each State which may take and claim the benefit of this Act to the endowment, support and maintenance of at least one College, where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to Agriculture and the Mechanic Arts, in such manner as the Legislatures of the States, may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

The Second Morrill Act of 1890, states that the money given to each of these Colleges for their more complete endowment and support, is to be applied "only to instruction in Agriculture, the Mechanic Arts, the English language and the various branches of Mathematical, Physical, Natural and Economic Science, with special reference to their applications in the industries of life and to the facilities for such instruction." It will be seen that while Agriculture is included, yet it is but one of many subjects that are required to be taught in these Colleges.

These Colleges were specially intended for the benefit of the industrial classes, and the design was to adapt the work to the peculiar conditions and requirements of the States in

which they might be located. The Mechanic Arts, must, for many years, take precedence of Agriculture in this State. Much more has been spent and must continue to be spent, in Mechanical than in Agricultural lines. For these, and other reasons, the name ignores entirely the most important and most popular feature of our work. We are thoroughly equipped for giving courses in Mechanical, Civil, Electrical or Irrigation Engineering, yet no one would infer that such is the case from the name given to the institution. The apparatus and equipment are peculiarly adapted for special work in the various sciences, but the name would indicate that our work is confined to the science of Agriculture, while, owing to our industrial conditions, it is by far the smallest part of our work.

Under the conditions that prevail in our State, the present name is a great disadvantage and injury to the institution and the State, as many students go outside our State for a technical or engineering education, while this institution is prepared, both as to its faculty, apparatus and other facilities, to give them a liberal education in these various lines at home.

EXCHANGE.

With the beginning of the New Year comes a liberal supply of exchanges, among them the first issue of "Our Mutual Friend," a neat, wide awake little magazine, edited by the young ladies of the Mississippi Industrial College at Columbus, Miss. The paper is well edited and merits a place among the best of our exchanges.

The beatitudes, remodeled in an in-

genious way, befitting a college paper, read thus:

Blessed are they that edit a college newspaper for theirs shall be the kingdom of flunks.

Blessed are they that contribute for they shall be ridiculed.

Blessed are they that solicit subscriptions, for they shall be scorned and rejected.

Blessed are they that read for theirs is the kingdom of knowledge. Blessed are they that subscribe, for theirs is the kingdom of love.

Blessed are the alumui, who remember us in the hours of our financial distress, for they shall obtain a warm corner of our hearts.

Blessed is the "devil," for he shall obtain the experience, while the other fellow gets the honor.

Blessed is the printer for he shall obtain the money.—Ex.

OF INTEREST TO LATIN STUDENTS.

Boyibus kissibus sweeti girlorum;
 Girlibus likibus; wanti somorum;
 Fatheribus hearibus—hiti surorum;
 Bootibus kickibus out of the doorum.
 Boyibus hitibus streeti hardorum,
 Pickibus upibus—wanti no morum.

OMNIPRESENT.

Tell me, ye winged winds,
 That round my pathway flit,
 Know'st thou some quiet spot
 Where mortals say not "Nit?"

Tell me, ye winged winds,
 That chill, then straightway thaw me,
 Must we forever hear,
 "Just tell them that—"

Tell me, ye winged winds,
 A whisper will suffice,
 Know'st thou some sylvan nook
 Devoid of "Cut's no ice?"

Some valley in the West,
 Some lone and plesant dell,
 Where, free from care and pain,
 One hears not "W'at t'ell?"

Tell me, thou mighty deep,
 Whose billows round me play,
 Know'st thou a spot where folks
 Say never "Don't get gay?"

Some island far away
 Asleep in some fair lake,
 Where one may never hear,
 "Come off. You take the cake?"

And thou, serenest moon,
 Ere oceanward you sink,
 Did'st ever note a place
 Bereft of "I don't think?"

Dost look upon the earth
 Asleep in night's embrace,
 And note the spot where ne'er
 Is heard, "Oh, close your face?"

L'ENVOI.

The winged winds, the mighty deep,
 The fair moon's palest sheen,
 Whisper in turn the same reply,
 "Alas! Nay, nay, Pauline!"
 —Baltimore Sun.

An evil brain,
 A harmless cane,
 A Freshman green as moss;
 A bloody Soph,
 A keen-eyed Prof;
 A college mourns its loss.

LITERARY.

The members of the Arena Literary society are doing good work under the present system of conducting affairs.

At the beginning of the school year, the society was re-organized, the membership was restricted to the male students of the College; the meetings were not to be open to the public, except on special occasions. Past experience proved that the

Arena could not prosper and do good work, when the doors were open to the public, the principle reason was that some members often had the impression that public patronage was all that was necessary to give life and vigor to a literary society, disregarding the fact that their presence, when their names appeared on the programme, rendered much assistance to other members and prevented irregularities from occurring in the exercises of the evening.

There are twenty-three members enrolled at present, and each one appears to take a great deal of interest in the affairs of the Society. The following programme was rendered Jan. 16th:

Song—Guitar accompaniment... I. K. Wisner
 Recitation..... F. Wylie
 Free Parliament paper—Subject: Woman Suffrage..... Peter Sieh
 Debate—Affirmative: Walter Davis, H. Shaw. Negative: Ed. Burk, Herman Waters.

The subject was: Resolved, That the United States should recognize the Cubans as beleigerents. It was ably discussed by both sides. The decision was given in favor of the negative.

The free Parliament paper on the subject of Woman's Suffrage, was opposed to giving women the right to vote. Mr. Sieh was very much surprised to find out that there was only one member whose views coincided with those put forth in his article.

The programme for Jan. 23d, is as follows:

Extemporaneous speaking.....
 Members of the Society
 Free Parliament paper.... E. V. Blankenship
 Essay..... Wyatt Jones
 Debate—Affirmative: W. O. Bohart, E. J. Moore. Negative: T. O. Caldwell, Herman Waters.

Teachers' State Association,

The Montana Teachers' State Association convened in Great Falls Dec. 29, and held its sessions in the large assembly room of the Central School building, which was tastefully decorated for that purpose.

At 8 o'clock in the evening the association was called to order by Pres. H. E. Wolfe. The room was filled to its utmost capacity with members of the Association, and many others interested in the cause of education.

The exercises of the evening were opened with music, followed by an address of welcome by Mayor Webster of that city, telling the teachers that everything was theirs; that if they did not see what they wanted, they should ask for it, and if they had any troubles, they should tell them to a policeman.

Following this was an address by Rev. N. W. Moore, pastor of the Congregational Church. Mr. Moore took for his subject "Pivotal Persons," showing how, in the past, events had changed and history had fashioned itself on the acts of some one person. "Every person," said Mr. Moore, "is a pivotal person."

After another selection of music, Pres. Wolfe announced his appointments, and the assembly resolved itself into a social committee of the whole.

One of the leading features of the second day was Pres. Wolfe's address, the subject being, "What is a Practical Education." In summing up, Mr. Wolfe says: "The end and aim of the modern and practical education, requires that one be able to think clearly, to aspire nobly, to drudge cheerfully, to sympathize broadly, to decide righteously and to perform ably; in short to be a good citizen."

Supt. Klock, of the Helena public schools, followed with a very fine paper on "Child Study From a Physical Point of View," after which an interesting discussion followed.

The afternoon session was late in coming to order, owing to the fact that many of the delegates had taken a street car excursion around the city.

The first order of business was the report of the music committee, which awarded a prize of \$25 to Supt. J. F. Davies, of Butte, for the composition, "Our Mountain Home," and the second prize of \$10 to the anonymous composer of "Our Mountain State."

The first paper of the afternoon was read by Pres. Craig, of the State University of Montana. The subject was, "The Relations of High Schools to Colleges." The paper was an especially able one, and in closing, Mr. Craig said: "While Montana is one of the youngest states in the union, yet it is rapidly taking a front rank in educational matters, and I prophesy that its educational system must prosper." Papers of much merit were then read by Miss Ida M. Robbins, of Butte; Supt. C. M. Charles, of Miles City and Prof. M. A. Hull, of Dillon.

During the afternoon the department of Higher Education held a very interesting meeting. Pres. Craig delivered the inaugural address and other addresses followed.

In the evening Chaplain Bateman, of Fort Assiniboine, delivered a very interesting and pithy lecture on "How We Hold the Fort."

The third and last day opened with a discussion on the "Education of the Masses." It was led by Prof. Templeton, of Helena, followed by Miss Franc Magness, of Helena. Both were exceptionally fine.

"Educational Ideals," was the subject of a very interesting paper, written by Prof. Aber, of the State University. Mr. Aber called particular attention to the value of training the powers of observation at a very early age.

As it was getting late, a motion to postpone the business session until evening was carried.

The department of Higher Education convened at 3 o'clock in the afternoon, at which the following papers were read:

"The Sciences in Preparatory and High Schools," by Prof. W. H. Williams, of the College of Agriculture and Mechanic Arts; and "Spiritual Element," by Prof. J. C. Templeton, of the Wesleyan University.

An informal discussion of each paper followed. This concluded the literary portion of the programme, and in the evening the business meeting was held, which closed one of the most interesting and profitable meetings of the Teachers' State Association of Montana.

M. A. C.

EXCHANGE.

There are eleven thousand persons in hospitals in Germany who are suffering with delirium tremens.

According to Mythology Io died of love for Jupiter. The chemist says Iodide of potassium.—Ex.

In Germany one man in 213 goes to college; in Scotland one in 520; in the United States one in 2,000, and in England one in 5,000.—Ex.

The student who refuses to subscribe for his college paper, and then reads it over the shoulder of his neighbor, is short enough to tie his shoestring to his necktie.—M. S. U. Independent.

A student of one of the eastern colleges confounded his chemistry, physics, and original vocation. In conversation with a friend, he mentioned his intention of setting out some electric light plants on his return home in the spring.

Arrangements have been completed for erecting two new dormitories on the grounds of the Indiana University. The work is to be done by private capital.

Columbia College, New York, will build a new gymnasium, which, when completed, will be the finest building of the kind in the world. It will cost \$450,000, and will contain, among other things, the largest swimming pool in the world. There is also a movement on foot to induce the business men of New York to donate one million dollars for the purchase of an Athletic field near the University.

A skinny old maid lived in Bolda,
Who each year got olda and olda.
Says she I must marry
At my age I can't tarry,
And when leap year came round
She was bolda. —Ex.

She Asked Too Much.

They stood silently in the moonlight. He had told her good-by sixteen times and yet he was loath to go.

He loved her, and she loved him.

So he thought.

She had not told him so; but he was a very young man.

"Cholly" she lisped, "there is one thing I would crave. May I trust you?"

Cholly's tackle tightens, and he looked down into her love-lit orbs with the calm resignation of one who was willing to give up all for the woman he loved.

"Trust me?" he asked. "Oh, cruel one, who ask such a question? What can I do to prove my constancy?"

"Get a hair-cut."

The words fell upon a dark, moon-besmeared atmosphere, with a dull, deadly rattle.

Cholly's arms dropped to his side, and he walked to the front gate, speechless. There he hesitated.

He who hesitates is lost.

To the east was the barber shop.

To the west the football field. With throbbing heart and heaving bosom the young man gazed to the east, and then to the west.

"I will not!" he exclaimed, as he shook his fist at heaven.

And then he walked away, with an abandoned air. His face was to the west.—Up-to-Date.

Experiment Station Notes.

Mr. Edwards, business manager of the "Montana Fruit Grower," was the guest of Director and Mrs. Emery last week. He was consulting the members of the Station staff with the view of obtaining their assistance in the Farmer's Institute and Horticulture meeting to be held at Missoula some time in February.

The pig feeding experiment, conducted by Prof. Beach, has been brought to a successful close. Unusual interest was manifested in this test, as it developed some new and needed facts in the feeding of pigs.

A combined meat and smoke house is now in course of erection at the Station. This building will furnish a convenient store house for the number of hams and bacon annually cured from home grown hogs.

There is certainly one animal on the Station that is trying her best to forward the livestock interests and provide material for future experiment. Mollie, the grade Berkshire sow, has eight fine little porkers. These tiny hamsters have eleven brothers and sisters that are now six months old. This makes a fine family brood of nineteen for Mollie this year.

One of the houses on the Station farm, formerly used as a county poor house, has been moved across the

driveway and raised upon a log basement. The first floor will now be used as a piggery.

A FEW POINTS

Concerning the Future of the West and the Advantages There are for Its Young Men.

The West affords a great many opportunities for the young men of the present generation. If they will only take advantage of the opportunities, which are before them, they will aid this remote section of the United States to rise into prominence and to be recognized in the commercial and other important interests of the world.

There are three great fields which are open for the energetic student of the West, one is journalism, the others are mining and electrical engineering.

It is evident that the Western country will finally reach a standing among other prosperous sections of the United States and of Europe. This section has never had the advantage to develop along the lines of popular investigation that those portions of longer settled countries have where journalism and engineering have been carried on for many years.

The resources of the West are almost boundless, and the time is approaching when other sections of the globe will be compelled to call upon the West for some of the important minerals which are not being mined at present.

The young men of the West should not hesitate to take hold of the mining and electrical advantages which are before them, because these are the principle fields which afford the greatest scope for investigation and action.

The mining industry will not remain in a state of partial stagnation for an indefinite time, because the minerals of the West will soon be used more extensive in the development of the country, than they have been since the West first commenced to improve.

According to the calculations of geologists, the coal supply in England will be exhausted in one hundred and ten years, if the annual production and consumption of coal increases there proportionally, as it has during the past few years. This means that the Englishmen will use more coal from other countries as it becomes more difficult to obtain in their own.

Electrical science is reaching into all parts of the inhabited portions of the world, and it is entering into the greater part of all other scientific researches and into the majority of the industries. It has not only gone out of its sphere and made its appearance on the most important industries of the country, but it has even been used to affect politics to a great extent. It is becoming an important factor in our political campaigns. Journalism is last but not least. As the facts of all the preceding events must be made known to the public, so the newspapers and magazines of the land will be expected to keep us posted on everything that takes place in these particular lines.

The field for good journalists is always open, but the newspaper and magazine editors in the West and Northwest, have not risen into popular favor, as those have where the country is better adapted to give support to their enterprises. Considering all of the opportunities which look promising to the young men,

and the school advantages which our country affords for them to prepare for these separate lines of work, it appears that the proportion of college students, in the United States, should be more than one man in every two thousand.

The Uses of Good Literature.

The best service that can be rendered to the young is to inspire them with an ardent love for good literature. Whatever the advantages may have been, the education is very deficient, if there has not been developed a love for the best in literature. A person is not truly educated who never desires to associate with the greatest minds of the past, and who never knows the enjoyment and elevating influence of such companionship. No one can make any pretensions to culture who has never enjoyed association with those great souls who have made, and still live in the great books of the world. The author of one of the most appreciative works on literature of the present says that the highest mission of literature, in both school and home, is to enrich and refine and beautify human life. None can tell how much of glory and grandeur the lives of the great have reflected, because they were touched by the life giving power of genius, through great teachers and great books which have ennobled and spiritualized their energies, lifting them to higher planes of thought and action. Inspired to mighty effort by the companionship of master spirits, the soul finds freedom in larger views and a broader range of life. The teacher who can inspire to a love of the greatest and best in literature, has set in motion one of the greatest forces in the social life of any people. Daniel Webster, in his eulogy on Adams and Jefferson, expresses the opinion that if we could find the causes which gave them eminence and distinction among the great men of their time, not among the least, would be their early

acquisition in literature, the resources which it furnished, the promptitude and facility which it communicated, and the wide field it opened for analogy and illustration. One of the chief uses of literature is that it enlarges the mind so that one can take a broader outlook of life. Familiarity with the great works in literature gives breadth of vision, making one the "heir of all the ages." No one can read and enjoy Homer, Dante, Shakespeare, Goethe or Milton, or in fact any of the great poets, without sharing, in some degree, that mysterious power which makes them what they are. Such a one is lifted out of the narrowness of place and condition. It enables him to place the age in which he lives in its proper relation to all the ages of human history. Hamilton Wright Mabie says: "Beyond all other means of enfranchisement, the book liberates a man from imprisonment within the narrow limits of his own time. He lives in all periods, under all forms of government, in all social conditions". A man with a broad, deep love for the best in literature cannot be narrow or provincial in his tastes. Great books are the best means by which to rise above local influences and narrow prejudices. They teach us to travel with profit, for in travel we see only that which we carry with us. An American cannot see Rome, unless he carries with him Rome in memory and imagination. He is blind in Westminster Abbey, unless he carries with him the history of England and the biography of her great men. It is good to inspire the young to intelligent effort in practical lines, but it is still better to fill them with a love of the great and good in literature, thus making them to realize their relation to all life and all history. While the best literature is cheap, and good libraries are within reach of nearly all, there is no excuse for ignorance. Matthew Arnold has put the same truth in these words: "The plea that this or that man has no time for culture, will vanish as soon as we desire culture so much that we begin

to examine seriously into our present use of time." The man whose chief thought is to make the most of his time, and who utilizes his spare hours and moments, must come into sympathy, in some degree, with all the great souls of the past, in whatever sphere they may have worked.

The Cooking Class.

Those who have been fortunate enough to taste any of the delicious cooking done by Mrs. Owens's class in this subject, feel very grateful for that opportunity. Recent editions of vegetable soup, biscuit and doughnuts went straight to the tasters' hearts. (See Martin's Human Body.) The young ladies seem to be having all kinds of fun, and fitting themselves for correct and liberal culinary activity in the future. The general public hope for an opportunity of taking lunch regularly with these happy cooks when the new building shall be occupied. Meanwhile the department is

being established in its ways and methods, and is preparing to attract a still larger number of students in the future.

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Of all the words of tongue or pen
The sweetest is this—Cliolian,
A Society composed of ladies gay,
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For debating, orating and things of that kind;
And often I've wondered what the poor
boys'll do,
If they look at the matter from my point of
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For it's a well-known fact in this wide world,
A boy has no chance when he confronts a
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The "Montana Fruit Grower" for December, 1896, contains an article entitled "Insects Injurious to the Apple," by E. V. Wilcox, Ph. D. The article contains much information of value to fruit growers.

National Park Tourists.

Those who are contemplating a trip for pleasure, during the summer of 1897, should write to Blankenship and Morgan, Bozeman, Montana.

Round trips will be made from Bozeman through the Yellowstone National Park, and in order to make the camping trips pleasant for the tourists, everything that is desired on a pleasure tour, will be furnished.

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The Snowstorm.

God said:

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Yet hath it sorrowed much and suffered more;
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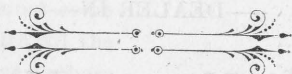
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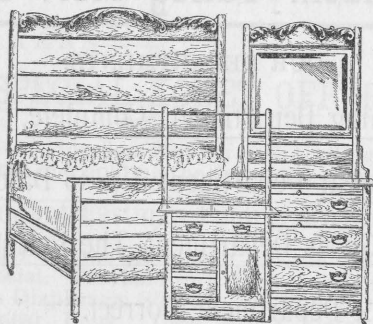
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