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President's Report to Board of Trustees, 1912-03

Clemson University

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Clemson College, S. C.,

March 12, 1912.

No. 9

To the Honorable Board of Trustees,

Of the Clemson Agricultural College.

Gentlemen:-

In obedience to the By-laws, I beg to submit the following annual report covering the work and progress of the College during the past year.

I shall seek to make this report as brief as possible, and my circular letters giving you information of current happenings will assist me to that end. All recommendations requiring your action are summarized at the end of the report.

REPORT OF PROGRESS:

During the past year, much has been accomplished in every way. The new Dairy, new Dairy Barn, and the improvements and additions to Barracks Nos. 1 and 2 have added approximately \$65,000 to the College plant. The capacity of the dormitories has been increased by one hundred students, and the enrollment (847) is more than for any previous session. The prospective graduating class is larger than ever before, and for the first time in the history of the College, the Agricultural Seniors out-number the Seniors in other courses 52 to 45.

Among the notable events of the year may be mentioned the following:-

- (a) The co-operative arrangement for carrying on the Boys' Corn Club Work, now under Mr. Haddon.
- (b) The co-operative arrangement by which our Extension Division and the Farmers' Co-operative Demonstration Work have been united, and by which the College will have an agent in every county of the State.
- (c) The inauguration of the Work-Boy Course.
- (d) The design, adoption and announcement of the One Year Agricultural Course.
- (e) The design and passage of the Mims Bill creating 51 one year scholarships.
- (f) The beginnings of the Pee Dee Experiment Station.

Certainly these are substantial achievements and represent a year well spent in making progress along our now well

A Bill to authorize the Trustees of the De la Howe established policy of carrying the benefits of the College to our agricultural people.

I believe we have come to the point when we should pause to develop and perfect our present lines of public work before we undertake others.

A Bill to regulate the award of scholarships in Clemson that a certain proportion of appointees shall come from the rural

THE FINANCIAL OUTLOOK:

At present the fertilizer receipts, as compared with the same date of last year, are 68.4%, and as compared with the total

A copy of the first of these bills I have referred to your Veterinary Committee, and a copy of the second to the Entomological Committee.

our financial income will be \$75,000 less than last year. I believe that it will be possible for us to protect ourselves up to this

amount by withholding items of appropriation which were provided at the July meeting. I have been holding back on all items of equipment that could wait until another year, if necessary, and will continue to do so unless you instruct me otherwise.

On account of these conditions, I shall recommend only such appropriations as cannot be deferred until the July meeting.

NEW LEGISLATION:

The following bills passed the last General Assembly, and have become law -

1. A Bill to authorize the county commissioners of the various counties to appropriate moneys out of the general fund to be used in co-operation with the State officials and Federal authorities having in hand the matter of tick eradication and the control of infectious diseases.

2. A Bill to create a state pest crop commission. This bill provides that the Board of Trustees shall select not more than five of its members who shall constitute the commission, and this commission is charged with the execution of all Entomological and Botanical questions that have heretofore come under the supervision of the Entomological Committee of your Board.

3. The Courtney Bill, which permits of the shipment of fertilizing material in bulk to dealers and consumers.

4. The Hardin Bill, which removes the restriction upon the number of full Professors at Clemson heretofore limited to ten.

Board to designate for every county and for the State-at-large, the

5. The Mims Bill, creating 51 one year agricultural scholarships, one from each county and seven from the State-at-large.

6. A Bill to authorize the Trustees of the De la Howe estate to institute legal proceedings to ascertain their right to establish scholarships in Clemson College and in Winthrop College. (This bill solves the question of co-operation with the De-la Howe Trustees, which has perplexed the Board, and seems to be in every way a wise and desirable solution of a difficult situation. I understand that it is the purpose of the Trustees to establish nine Abbeville scholarships in Clemson College, and an equal number in Winthrop.)

7. A Bill to regulate the award of scholarships in Clemson so that a certain proportion of appointees shall come from the rural communities. (This bill will have no effect upon our present practice, as already a larger proportion than that specified in the act goes to boys from rural homes.)

A copy of the first of these bills I have referred to your Veterinary Committee, and a copy of the second to the Entomological Committee. It provides that

The Mims Bill: - all be paid from the current funds of the College.

The Mims Scholarship Bill provides that the 51 one year scholarships shall be awarded for meritorious agricultural achievement in the several counties, and in the State at large. It provides that on or before July 1st of each year, the Executive Committee, or other governing board of the most representative and well recognized farmers' organization in the County, as shall be designated from time to time by the Clemson Board of Trustees, shall submit to the President of the College a list of three or more names of young men who have done creditable work of an agricultural nature. These young men shall stand the examinations at the county seats, just as now in the case of regular scholarship students, and from those who pass, the Faculty shall make recommendations to the State Board of Education, as is now done. The seven from the State-at-large are selected in a similar manner. The nominations for scholarships from the State-at-large are made in like manner by the State Executive Committee, of the most representative farmers' organization designated by the Board of Trustees.

Under this law it will be necessary, therefore, for the Board to designate for every county and for the State-at-large, the

most representative and well recognized Agricultural Association, or society, or organization of farmers. I shall suggest that, if it be legal to do so, this work be delegated to your standing Scholarship committee, since the discharge of the duty imposed by the law may require both time and study.

The Crop Pest Commission:

The Act creating the Crop Pest Commission, provides that "on and after April 1st, 1912, and every two years thereafter, the Board of Trustees shall designate not over five members of said Board, who shall constitute and be known as the State Crop Pest Commission." The Act gives to this Commission full authority to regulate all matters pertaining to the enforcement of quarantine laws bearing upon insect pests and plant diseases. It provides that all expenses shall be paid from the current funds of the College. It provides for a State Entomologist, and also a State Pathologist, both of these officers to be elected by the Commission, and their salaries fixed by the Commission. Under the law, the acts of the Commission are not reviewable by the Board of Trustees.

The new law, which was drawn up by our Entomologist, was submitted to the Chairman of the Entomological Committee, and presented to the Legislature through the Chesterfield delegation, upon the advice of the President of the Board. The new law gives no more absolute power than did the old law, creating the S. C. State Board of Entomology, and is in every other respect much more advantageous to the interests with which it deals. In fact, some change in the old law was absolutely necessary to meet the boll weevil situation, as related to the inter-state shipment of cotton from infested territory.

STUDENTS INTERESTS:

As before stated, the enrollment this session is 144 more than any other session in the history of the College; This greater number we have been able to handle without sacrifice of efficiency in teaching. However, disciplinary difficulties have increased in more than direct proportion, and in our efforts to improve and

maintain reasonable discipline, we have had to punish by suspension and dismissal a larger number than usual. In all, twenty-one have been dismissed for the following offences - for hazing, 9; for stealing, 2; for making false official statements, 2; for excess of demerits and habitual neglect, 2; for having whiskey, 2; for cursing and threatening a cadet officer in discharge of his duty, 1; for insubordination to Commandant, 1; leaving College without permission, 2.

Fifteen have been suspended for periods ranging from four to twelve months. Most of the suspensions, it will be observed, have been for "breach of confinement." It is my purpose to seek to find some other form of punishment that does not offer such opportunity for getting into further trouble. In spite of well-known punishment, boys in confinement and arrest will take risks which in case of detection lead to their retirement from College. If a cadet will not observe confinement or arrest, there is nothing left to do but to send him home, and this has been the rule of the Discipline Committee for about five years.

I believe that our present methods of handling the difficult matter of hazing are wrong in principle, and ineffective in practice.

There is little or no cruel hazing at Clemson. As it now stands, the Regulations define "hazing" in such terms that the most innocent and even friendly sport at the expense of a new student constitutes hazing, and the punishment of dismissal fixed by your Board is mandatory upon the Discipline Committee. Furthermore, a ruling of the Board requires every student to sign a pledge not to do any of those things coming under the definition of hazing. This compulsory pledge is not generally observed, and its non-observance lowers the boys' respect for obligations in general. I think that the pledge should be abolished and the following simple Regulation substituted for the several sections referred to -

"Hazing is strictly prohibited. Students found guilty of this practice, if found guilty by the Discipline Committee, shall be dismissed or less severely punished, according to the degree of the offence."

This would leave the definition of hazing in the hands of

the committee, and enable them more justly than at present to make the punishment fit the offence.

The present book of "Regulations" is obsolete and ineffective, and I shall submit a new code drawn up by the Commandant and Discipline Committee, which has for ten years so well administered the disciplinary affairs of the College.

We have made a determined and effective campaign against the wearing of civilian clothes, which entails additional expense to parents, and have entirely broken up this practice, which was once so common.

We have this session rigidly required students to get the necessary text books. An investigation last session showed that a large percent of boys were lacking in these necessities, and this lack in a measure accounted for a good many failures. We have exercised a close surveillance over the Dance Clubs, and reduced to a minimum their permissible expenditures.

These measures have not proved altogether popular with the students, but they are solely in the interest of the boy and his parents, and hence I have disregarded the unpopularity of the measures.

The Dance Clubs:

I believe it will best to abolish after this session the two inter-class dancing clubs, - the German and Cotillion Clubs, - and allow no dancing clubs except class clubs. The two clubs mentioned are, I fear, prejudicial to the interests of the College. The following indictment stands against them:-

(a) They are accused of being a sort of self-constituted aristocracy, which regards itself as above the general level of the corps.

(b) In almost every student organization, there are two hostile factions - club and anti-club - and the division shows itself in Class and College elections, to the hurt of class and college spirit. (Perhaps the Club men are no more to blame for dissention than are the anti-club men, but the very existence of the clubs seems to be the cause of the trouble.)

(c) Only seven out of the Club membership of 74 are this session members of the College Societies.

(d) Membership in either of these Clubs entails an expense of probably \$20.00 per member per session, which in proportion to other costs, is too high.

(e) The effect of these Clubs upon the success of the class dances is alleged to be detrimental.

(f) These Clubs, with a membership of about seventy-five men, are regarded by the student body generally as fraternities in all essentials, and are charged with controlling athletics, military appointments and elections in general. (I think these impressions have very little foundation, but the sentiment exists nevertheless to the hurt of the larger interests of the college.)

For the reasons above given, I have about decided that after this session it will be best to abolish the German and Cotillion Clubs, and permit dancing, of which I am heartily in favor, only when conducted by class clubs under the close supervision as at present, of a Faculty Committee.

I desire at this point to make ^{it} very plain that I give absolutely no credence to reports of improper conduct at any of the cadet dances, which reports are periodically circulated by individuals who oppose dancing and feel hostility to the Dance Clubs. I have no criticism whatever, and only praise for the manner in which the German and Cotillion Clubs have conducted their dances. While I do not dance, my wife and I regularly attend these dances, and I have never seen the slightest thing to criticize and on the contrary, I have had cause to be proud of the splendid bearing and gentlemanly conduct of the club members, and the ladylike deportment of their guests. These dances have been most beneficial to the students, and creditable to the College, and if I did not feel sure that the dances could be conducted equally well by the class clubs, against whom a caste feeling cannot exist, I would hesitate to take the extreme action contemplated. But the general welfare of the student body as a whole, rather than the special interests of a comparatively small sect, must govern me, and unpopular as may be to the members of the two clubs and their sympathizers the abolition of the clubs, I intend to take that action unless you advise me otherwise.

Truck Raising:

If the Trustees are willing to take the risk of loss in raising in the Horticultural Division such vegetables as we could use in the mess-hall to advantage, these vegetables to be sold at

prices as low as we could get them elsewhere, I would be glad to have the Horticultural Division make the experiment. I do not think it would be fair to the Cadet Department to involve them in any risk in the matter, because the margin allowed by the low price of board is too small to take the risk of having to pay more for local products than for materials that can be bought on the outside. We can give the Horticultural Division a list of the materials that we could use to advantage, and advance from the cadet fund the money necessary for raising it, with the understanding that if the Cadet Department does not get value received for its advances, the College will make good the deficit. Such an experiment would carry out the request of the Farmers' Union embodied in the resolutions adopted at the Columbia meeting, January 7, 1912.

THE TEACHING INTERESTS:

Since I assumed the Presidency, my chief concern has been to give greater publicity to the work of the College, and to devise plans for outside activity that would bring the College closer to the people. I have now had a little time to turn attention to a preliminary study of the more purely academic interests of the College. I think I see many improvements that can be made, and a few of undoubted merit will be presented in this report. Others will require additional thought and study before a just conclusion can be reached. I believe that greater attention must be given to the work of teaching in the Agricultural Department, and fewer interruptions due to the calls for public service allowed. In general, I believe that too little attention is given by Directors and heads of Divisions to the methods of teaching employed by their assistants. The result is that we do not get full value from our higher priced men whose own teaching hours are necessarily limited. It is my purpose to insist on improvement along this line. I believe that we need a more paternal attitude towards the students on the part of many of our teachers, some few of whom seem to me to regard their students as their natural enemies, a greater enthusiasm for their work on the

part of others, and a more vital personal interest on the part of a white a number. Too many boys through lack of interest and personal encouragement, drop out of College during every session, and particularly in the Freshman Class.

Additional Professorships:

The passage of the Hardin Bill removes the limitation put upon the number of full Professors in the act establishing the College, and I shall recommend that the title of Professor be given to a number of men who are at the heads of their respective lines of work, and who are now getting the salary of Full Professors. I am indeed glad that we are able at last to recognize the valuable and loyal services of such men. The title of Professor is not a matter of sentiment, but is a business asset of no small importance to a college teacher. Its bestowal upon several of our men will be not only a well earned honor and reward, but as well an advantage to the College.

THE AGRICULTURAL DEPARTMENT:

Discipline Committee:

If additional professorships are made, you will probably desire to change the By-laws constituting the Discipline Committee, and make membership thereon appointive rather than ex officio. At present, all Directors and full Professors belong to this Committee, and already the Committee of twelve is large enough. I shall recommend a change in the By-laws to cover this item.

General Faculty:

Under our By-laws, the "General Faculty" includes only Directors and full Professors. I respectfully dissent from this arrangement, and suggest a change in the By-laws by which all Directors, Professors, Associate and Assistant Professors shall be admitted to membership in this body. The present body is not representative of all the various lines of teaching, and no testimony can be obtained as to the progress of any particular student. A Director representing a large Department cannot give an accurate opinion of the work of a student under one of his instructors. We

need to get more first hand knowledge of a student's work than it is now possible to obtain.

Also, the present arrangement creates a feeling of aloofness on the part of a large part of our teaching force, who have no part in the academic administration of the College, and feel no responsibility beyond doing each his part in a plan made by others. Also a larger faculty would serve to bring the President in closer touch with the majority of his teaching staff, whereas under our Departmental system, there is little opportunity for him to become acquainted with his colleagues, or form any just estimate of their qualities of leadership.

Since the faculty is merely an advisory body, I can see no objection to increasing its number from ten to about forty-five, as would be done by following the suggestion ~~made~~, which later I shall make in this connection.

THE AGRICULTURAL DEPARTMENT:

The Agricultural Department during the past year has lost its Director, Prof. Perkins, and the Superintendent of the Division of Extension Work and Farmers' Institutes, Prof. Barrow. These resignations were presented and acted upon by you at the Columbia meeting.

Upon the retirement of Prof. Perkins October 1st, I appointed as Acting Director the Senior Professor in the Department, Dr. F. H. H. Calhoun, who since that date has discharged most efficiently the duties of Director. If Dr. Calhoun were an Agriculturist instead of a Geologist, we would not have to seek further for an active, loyal and efficient Head for this Department; Dr. Calhoun has done the work well, - in fact, I do not believe that ever in the history of this troubled Department has the work gone forward with as much promptness, ^{and} energy. I wish to express to you the satisfaction I have derived from Dr. Calhoun's admirable conduct of affairs. An acting position is always hard to fill acceptably, and any position of authority in our Agricultural Department has always proved a task of peculiar difficulty.

In the main, the work has progressed smoothly, and the new men elected during the past year have strengthened the Department. Mr. Vincent, our new Horticulturist, is a veritable find - we are delighted with him. Prof. Niven, Assistant in Horticulture, is a good all-round man. Dr. Burleigh, our second Assistant State Veterinarian, has done good service. Mr. Gardiner, Assistant in Agronomy and Farm Machinery, is an excellent teacher and full of energy, and popular with his students. Mr. Dew, Assistant in Entomology, resigned February 1st, and to his position I appointed Mr. H. C. Eagerton, a Clemson graduate who was a Student Assistant under Prof. Conradi. We have not yet had a fair chance to judge of his work. The position of Assistant Professor of Animal Husbandry and Dairying, I have allowed to remain unfilled, because of our scarcity of funds and the lack of urgent need of this additional man.

I am not well satisfied with Prof. A. Smith, head of our Division of Animal Husbandry and Dairying. He is a good teacher and a technical man, no doubt, but he strikes me as being extravagant, unbusinesslike, lacking in system and promptness, and an exceedingly hard man to co-operate with. I have no adverse recommendation to make at this time, but I believe we will sooner or later have to get rid of him unless he leaves of his own accord. I regret to have to make such a report of so able a man, and I shall only hope that my estimate of him may prove incorrect, and my fears regarding him be not realized, but continual reports of friction between him and almost every colleague with whom he has to work in co-operation makes me apprehensive of the outcome.

The older men of the Department are working with enthusiasm and efficiency. The work of teaching students at times in the past sadly neglected, has been this session greatly improved. Even yet the teaching work is sometimes interfered with by the demand for public service.

The Work-Boy Course has been reasonably satisfactory. Much patience and tact have been necessary to keep it going, and at times we have been rather discouraged. Naturally some of the Work-Boys,

selected as they were at random, have proved worthless, and have dropped out. Early in the session their places were supplied with new men, and ^{no} harm resulted. However, when we lose a man this late in the session, we cannot well replace him. At present, we have in the course twenty-one good men, and the work both in class and field is going well.

The Farmers' Short Course given in January, enrolled only seven men this session. But these seven were high grade farmers, and we felt well satisfied with the work done for them.

The selection of a Director for the Department will be presented in a separate report.

At the Coast Station, we are preparing to send down six

THE FARM:

In spite of the bad weather, a great deal of work has been done in cleaning up hedge rows and ditches and erecting fences. Approximately one hundred acres have been planted in oats, but only for five days since Thanksgiving has it been possible to work in the bottom lands. It is our purpose to plant another crop of corn in the Goodman field surrounding the beef feeding station, and after that, put this land in Bermuda pasture.

Since Prof. Perkins left, Mr. Napier has supervised the farm work, and the Foreman, Mr. Brandon, has proved quite a satisfactory man.

THE ENGINEERING DEPARTMENT:

It is our determination just as rapidly as possible to make of the farm just such a model in an agricultural way as is our power station in an engineering way. This will take much money and several years. However, we can be patient if we see progress being made. A visit to the farm will convince you that progress is being made.

To fill the position of Assistant Professor in the Electrical

THE EXPERIMENT STATION:

A detailed report of the Experiment Station, the Coast Station, and the plans for the immediate use of the Pee Dee Station has been, or will be made to the Agricultural Committee. It suffices here to say that the experimental work done by Prof. Harper and his

able assistants continues to be of high grade, and their assistance along all lines of public service is valuable and appreciated.

During last year, 746 tests were conducted in co-operation with farmers in the State. Prof. Barre is carrying on the production of wilt resisting cotton and cow peas, in conjunction with the federal government, in fifteen counties in the State. Professors Barre and Conradi have many other interesting lines of work under way. Prof. Harper expresses in his report the opinion that the College is making more friends through its co-operative experimental work, and doing more good for the agricultural interests of the State, than by any other line of public service in which we are engaged.

At the Coast Station, we are preparing to send down six cows from the Station herd in order to get that interest started.

In general, the plan for developing the Pee Dee Station consists of planting grain, corn and peas on a share basis, by that means involving us in practically no expense this fiscal year.

I regret to report that Mr. Gillison, Foreman of the Experiment Station Farm, has notified us of his intention to give up his work here, in order to devote his attention to several large apple orchards in which he has a partnership interest. We shall be sorry to lose Mr. Gillison, as he has made us a very satisfactory man. The adoption of this course would involve immediately an additional cost.

THE ENGINEERING DEPARTMENT:

A year's service has verified our wisdom in selecting Prof. Earle as Director of the Engineering Department. He is entirely satisfactory. Possessed of good health, high character, enthusiasm and loyalty for his work, and an even temper, he has the making of one of the most satisfactory Directors that the College has ever had.

To fill the position of Assistant Professor in the Electrical Engineering Division, we have selected Mr. W. C. Wagner, a graduate of Washington and of Cornell Universities, and will recommend that he be elected, his appointment to take effect September 1, 1912. From all the information we can gather, Mr. Wagner is a well prepared man, of wide experience, pleasing personal appearance and high character.

Unquestionably, he will make a splendid addition to the Engineering Department.

We have temporarily filled the gap by employing for the remainder of the session one of our graduates who was given a leave of absence by the General Electric Co., in order to come to South Carolina for family reasons. This young man, Mr. E. H. Shuler, has done as well as could be expected.

Mr. J. F. Allison, Instructor in Forge and Foundry, resigned January 1st, and we have employed Mr. Charles Heath to fill out the session. I shall not present Mr. Heath for your action at this meeting, because we are not sure that he will be satisfactory, and desire a chance to try him out for the few remaining months of the session. If he proves satisfactory, his name will be presented at the July meeting.

The work of the Department has been harmonious and efficient. Minor improvements in equipment and arrangements have been made, although expenditure of larger items has been held up pending our financial outcome.

I shall later present and strongly recommend the adoption of a course in Architecture, which is much in demand, and is now being given by other Colleges of this character. I do not believe that the adoption of this course would involve immediately any additional cost. Should the work prove popular, we may after a year or so need one additional teacher and some additional facilities. However, in that case the demand will justify the additional cost. The addition of this course would enable us to retain a larger number of our Engineering men within the State, because every town of over 5,000 inhabitants needs and can support an Architect, and these men in their communities are usually influential citizens. For the present, the architectural work could be handled by the Drawing Division, and Prof. Lee, a most competent man in Architectural lines, could administer the course. I believe this is an opportunity for service which ought not to be neglected. I hope to introduce innovations which are in line with modern progress, and which

THE MILITARY DEPARTMENT: lency and rapidity of the analytical work.

The Military Department has shown marked improvement this session, because of the efficient help by the Assistant Commandant, Capt. S. L. Duckett, and the appointment of Mr. H. A. Sloan to succeed Sergeant Hineker. Better discipline now prevails in barracks than at any time during my administration. Capt. Stokes speaks in the highest terms of the efficient service rendered by Mr. H. A. Sloan, and recommends that he be given the title of "Quarter Master of Cadets" with the mark of "captain." I shall heartily endorse this suggestion in the recommendations attached to this report.

Capt. Stokes' detail expires in May, but the War Department has kindly consented to allow him to remain until after Commencement.

I wish to repeat the compliment which I have often made to you in my reports, of the efficient service of Capt. Stokes. He has been an enthusiastic, pains-taking and self-sacrificing official, devoted to the interests of the College and to the student body. Fond of young men, he has exercised a discipline which has been as much paternal as military. I think he has been strict enough - certainly as strict as his temperament permitted - and in every other respect, he is the superior of any Commandant who has been at Clemson during my sixteen years of service. I feel that the Board would show a proper appreciation of the good work of our retiring Commandant by adopting suitable resolutions to that effect. I have been in communication with the War Department for the past month or more in regard to a successor to Capt. Stokes. I will present this matter in a special report.

The work of this Department should become more and more

THE CHEMICAL DEPARTMENT: ground that even in technical education,

The wisdom of the Board in selecting Dr. Brackett as Director of the Chemical Department has been amply verified. Full of energy and loyalty, he has gone to work to retain all that was best in the administration of his distinguished predecessor, and to introduce innovations which are in line with modern progress, and which

have increased the efficiency and rapidity of the analytical work. The instructors in the Department are working efficiently, and thorough harmony prevails.

To fill the vacancy in the Analytical Work, caused by the resignation of Mr. Cornell reported to a former meeting, I have appointed Mr. J. T. Foy of Alabama. Mr. Foy is making us a good chemist.

I shall later present and strongly recommend the adoption of a Course in Chemistry to take the place of our Course of Chemistry and Geology, which has met with very little demand. The openings for chemists, both within and without the State, are numerous and attractive, and we can scarcely afford to miss an opportunity to prepare our students along the line for which there is so great demand. The substitution of the new course for the old would simply mean stressing more the work in Chemistry and practically dropping the work in Geology, for which there is little demand in South Carolina, owing to our limited mineral resources. The new course would involve no additional cost. It has the unanimous endorsement of the faculty, who recommend to you its adoption. The curriculum of this course will be submitted later in this report.

THE TREASURER'S OFFICE
THE ACADEMIC DEPARTMENT:

The Academic Department has had no change in personnel during the past year. The Physics Division, transferred from the Engineering Department, fits in well with the academic interests.

Every Division reports satisfactory and harmonious conditions.

The work of this Department should become more and more important, as the idea gains ground that even in technical education, general culture and literary ability are important, if not indispensable, assets. Ability to write and speak the English language correctly cannot be discounted in any College course worthy of the name. To this work, more time and importance must I think be eventually attached.

Prof. Furman suggests that another Instructor be added to the force in the English Division. I see no necessity for this, and do not recommend it.

THE TEXTILE DEPARTMENT:

The Textile Department has suffered no changes in its faculty. In addition to his regular work in the Department, Prof. Doggett has taught German to five students who desired to take up this line in addition to their regular schedule. I understand that he is quite a proficient teacher of this subject, and we expect to utilize him to teach the German in the new Chemical Course if adopted. Prof. Doggett has also given considerable time to the Printery.

There are now in the Textile Courses 11 Juniors, 11 Seniors and 3 Specials and Irregulars, a total of 25 for the Department.

Prof. Doggett has succeeded recently in getting about \$9,000 worth of machinery donated by the Manufacturers, despite the bad weather. Taken as a whole, the Department is doing good work, and needs only a slasher to make its equipment practically complete and up-to-date.

As Foreman of this work, Mr. Lewis has shown great

THE TREASURER'S OFFICE:

The work of the Treasurer's office continues to be first-class in every respect.

Dr. Sloan recommends that, Mr. Carroll having served satisfactorily for a year at a salary of \$1,100, he be given the salary formerly paid the Assistant Book-keeper, viz, \$1,200. I shall recommend to you that this request be granted.

THE LIBRARY:

With enlarged quarters, the Library is in better condition than heretofore to handle its work with the students. The new reading room is quite popular. I fear that relations between our Librarian and the Assistant Librarian are not very cordial, but I cannot say that a condition

exists that is prejudicial in any way to the work. Miss Trescot takes great interest in her work, and I think shows improvement along certain lines.

PUBLIC UTILITIES:

The Public Utilities have been administered efficiently, and their property is in good condition. The Heat, Light and Water Division is in splendid shape.

The Construction & Repair Division is building two new houses and keeping up closely with repairs. The College buildings, residences, etc. are all painted, and by the end of this session will all be in good repair. The demand for new houses continues to exceed greatly our supply. If it were practicable to sell or lease building lots to officers who would like to own their own homes, a decided advantage would accrue in greater fixity of tenure.

Good progress has been made on road work, despite the bad weather. A good deal of the convicts' time has been consumed in grading around the new Dairy and Dairy Barn, and in front of Barracks No. 2.

As Foreman of this work, Mr. Lewis has shown great enthusiasm and good judgment, and in a few years our campus will be beautiful with better roads and walks, to the instruction of our students, and the comfort of the entire community.

PUBLIC STATE WORK:

Although our Extension Division has been without a head since October, the work has suffered little on that account, because the weather during January and February made practically impossible any Institutes or farmers' gatherings of any kind.

Mr. Haddon, who has charge of the Boys' Corn Club Work, has acted as Superintendent, and looked after the routine work in a satisfactory manner. This he has been better able to do because the severe weather made it difficult to carry on his Boys' Corn Club Work.

Our school, spraying and pruning demonstrations have been highly successful and much appreciated. The various other minor lines of extension assistance, such as press bulletins, popular bulletins, etc. have gone forward in good shape.

An unusually severe and wide spread outbreak of hog cholera occurred during the fall and winter, and our Veterinarians have taxed to the uttermost to respond to calls for serum, and have then been unable to meet all demands, although both Assistant Veterinarians spent practically all of their time during the first four months on the road. A full report of this work, together with suggestions for improving the service, has been submitted to the Veterinary Committee.

It will be gratifying to you no doubt to learn that by April 1st, 7,000 square miles of South Carolina will be placed above the quarantine line as tick free territory.

VISIT OF COUNTY SUPERINTENDENTS OF EDUCATION:

Our Extension Work has heretofore taken the form of sending our representatives to the people to carry ^{to} them agricultural knowledge. I desire to suggest to you the wisdom and economy of bringing to the College from time to time representative men, who coming to the College and learning something of its magnitude and its aims, would also be given such instruction as would make them more useful to their constituents. I want to suggest that in connection with the spring meeting of the Farm Demonstration Agents, we invite the County Superintendents of Education, and pay all expenses, including railroad fare, of their visit to Clemson. We have to depend largely upon the County Superintendents to help us with the Boys' Corn Club Work, and other forms of activity which can best be forwarded through the schools, and by no means better could we get their co-operation than by bringing them here and making friends with them, having them meet the Demonstration Agents, with whom they should work in close co-operation, and having them go back to their respective counties as beneficiaries of the College, and witnesses

Board agree with the above view, ample notice could be given to the

to its work. It could cost not more than \$300 to bring all present occupants so that they might look out for some other of the County Superintendents to Clemson and entertain them for three days, and I shall recommend that we use this much out of the appropriation already made for the traveling expenses of our Extension men, of which appropriation a considerable balance remains, due to our lack of a Director during the winter months.

THE CALHOUN MANSION:

The Calhoun Mansion, one of the most historic relicts in South Carolina, has never received the attention to which its great value and historic interest entitle it. With the appropriation provided last July, we have had the building put in fairly good repair, and at the same time, have tried to preserve every detail of its original design.

While I dislike to suggest anything that would inconvenience the members of the Calhoun family who now resides in the Mansion, I cannot but feel that their occupancy is a barrier that intervenes between the use of this historic relict by the people of our State who come here. Visitors do not like to intrude into the family, and while Mrs. Calhoun and her daughters are as courteous and considerate as possible, there is no denying the fact that the Mansion is in no sense considered a public property. I believe

that in the near future this building should be rid of its occupants, and the internal arrangements made to conform as nearly as possible to its condition when occupied by its distinguished owners. Provision should be made to insure it against fire, and the Calhoun paintings could better be kept on exhibit there than in this building. Much of the work of restoration could be done while there are still living persons who have personal recollection of the internal arrangement at least during Mr. Clemson's occupancy. The house now occupied by Mr. McSwain should eventually be converted into a home for a caretaker, who under the supervision perhaps of the local chapter of the Daughters of the American Revolution, if they would assume the duty, would give the house needed attention. If the Board agrees with the above view, ample notice could be given to the

present occupants so that they might look out for some other home. Another objection to having the house occupied by so many people as at present, is the danger of fire. I desire by this report to relieve myself of a responsibility I feel in this matter.

SCHOLARSHIP BY THE SOUTHERN RAILWAY:

The Southern Railway, through its President, Dr. Finley, offers to establish a scholarship in Clemson College to some boy who is a resident of a county traversed by the lines of the Southern Railway and the Blue Ridge Railway. Mr. Richards, the Industrial Agent, stated to me that the selection of the scholarship will be by the same examinations that now govern our State scholarships, and that the winning competitor would be required to take the Agricultural Course. I can see no reason why we should not approve of this proposition, since it would simply mean that the Southern Railway will pay for the education of some worthy student in Clemson. I understand from Mr. Richards that he ~~is~~ willing to make the value of the scholarship \$200, if so much was necessary to defray all of the expenses, including tuition and a reasonable amount for incidental expenses of the College and the Station, I suggest that no change be made in the titles of the Associate Professor of Horticulture and the Associate Professor of Botany & Forestry, both of whom also draw \$1,900 salary.)

OLD DRAWING INSTRUMENTS:

We have on hand quite a large number of old and incomplete sets of drawing instruments, which are not good enough for our own students, and which would yet be acceptable to some charitable institution. We have had some correspondence to find out where these instruments might be used to advantage, and have a request from the Thornwell Orphanage for ten of them.

I recommend that Sec. 1 of Article IX be revised to read -
"The Discipline Committee shall consist of the President, the Commandant, the Directors of the Agricultural, Engineering, Chemical, Experiment Station and Textile Departments, and five Professors nominated by the President and approved by the Board."

*all approved except
No 14 which
was postponed P.*

RECOMMENDATIONS:

✓ 1. I present the following resignations, and request that my action in accepting them be approved -

- J. F. Allison, Instructor in Forge & Foundry Work, to take effect February 1.
- J. A. Dew, Asst. in Entomology, to take effect February 1.

✓ 2. I request that the following appointments be recognized -

- J. T. Foy of Alabama, Assistant Chemist State Work, to succeed Mr. Cornell, to take effect November 20. (The salary of the position he holds is \$1100, but I am paying him \$900.)
- H. C. Eagerton, Assistant in Entomology, to succeed J. A. Dew, to take effect February 1, salary \$800. (Salary of position \$900)

✓ 3. I recommend that W. C. Wagner of Washington State University be elected as Assistant Professor of Electrical & Mechanical Engineering, to take effect September 1, 1912, salary \$1,500.

✓ 4. I recommend that the following Associate Professors be made full Professors in their respective lines -

	<u>Present Salary</u>
A. F. Gonradi.....Prof. Entomology & Bacteriology.....	\$1,900
Arch. Smith.....Prof. Animal Husbandry & Dairying...	2,000
T. G. Poats.....Prof. Physics.....	1,900
M. R. Powers.....Prof. Veterinary Science.....	1,900
R. E. Lee.....Prof. Drawing.....	1,900

(Pending the possibility of combining the Horticultural & Botanical Divisions of the College and the Station, I suggest that no change be made in the titles of the Associate Professor of Horticulture and the Associate Professor of Botany & Forestry, both of whom also draw \$1,900 salary.)

✓ 5. I recommend that Sections 1 and 2 of Article VIII of the By-laws be revised to read -

"The General Faculty shall consist of the President, Commandant, Directors, Professors, Associate Professors and Assistant Professors."

and for Section 2, Article VIII, the following -

"This faculty shall meet at least once a month and whenever called by the President, shall be an advisory body to the President on such matters connected with the instructional work of the college as may be brought before them."

✓ 6. I recommend that Sec. 1 of Article IX be revised to read -

"The Discipline Committee shall consist of the President, the Commandant, the Directors of the Agricultural, Engineering, Chemical, Experiment Station and Textile Departments, and five Professors nominated by the President and approved by the Board."

"This Committee shall try students charged with serious offences, and shall be empowered to award such punishment for serious offences as in their judgment shall be merited. The Commandant shall present the case to the Committee, summon witnesses, and in general act as prosecuting attorney, but shall not vote in the findings."

And as a new section -

"The Discipline Committee shall also constitute the 'Senior Faculty' who shall meet at the call of the President to consider any matter of College interest that he may bring before them. They shall have the right to review any action of the General Faculty."

7. I recommend that Mr. H. A. Sloan be given the title of Quarter Master of Cadets, that he rank as a "Captain," and that his salary be increased from \$800 to \$1,000.

PROPOSED COURSE IN "ARCHITECTURAL ENGINEERING."

8. I recommend that the salary of the Assistant Bookkeeper, Mr. F. L. Carroll, be increased from \$1,100 to \$1,200.

9. I recommend the adoption of the following Course in "Chemistry" to replace the present Course of "Chemistry & Geology."

This Course has the unanimous approval of the General Faculty.

Mathematics.....5-3-3	Foundry.....3-3-0
English.....3-3-3	Freehand Drawing....2-3-3
History.....2-2-2	Arch. Drawing.....2-2-3
Chemistry.....3-3-3	Chemical Lab'y.....3-2-2
Physics.....2-2-2	Deso. Geometry.....3-2-4
Deso. Geometry.....0-2-2	Military Drill.....3-3-3

COURSE IN CHEMISTRY.

Freshman Class.

Theoretical

Junior Class.

Practical

Mathematics (520,521)...	5-5-5
English (501).....	5-5-5
History (511-513).....	3-3-3
Agriculture (100).....	2-2-2
Architectural Engr.....	2-5-5
Military Science.....	1-1-1

Wood Work (270).....	3-2-2
Freehand Drawing (240).....	2-2-2
Mech. Drawing (243).....	2-2-2
Forge Work (252).....	3-2-2
Botany (171).....	0-2-2
Bookkeeping(540).....	2-2-2
Military Drill (602).....	3-3-3

Sophomore Class

Mathematics (522,4-5)...	5-3-3
English (502).....	3-3-3
Chemistry (300).....	3-3-3
History.....	2-2-2
Physics (231).....	2-2-2
Bacteriology (177).....	0-2-2
Heat, and Sanitation.....	0-3-2
Professional Prac.....	1-1-1
Military Science.....	1-1-1

Chemistry (301).....	4-4-4
Chemistry (307).....	2-3-3
Mech. Drawing (244).....	2-2-2
Bacteriology (177).....	0-3-3
Botany (172).....	4-0-0
Military Drill (602).....	3-3-3

Junior Class.

Mathematics (525,527)...	4-4-0
English (503).....	2-2-2
Chemistry (304).....	2-2-2
Chemistry (306).....	2-2-2
Physics (232).....	2-2-2
Mineralogy (111).....	2-2-2
German ().....	0-0-4
Military Science (600)...	1-1-1

Assaying (303).....	2-0-0
Organic Chemistry (308)...	0-2-2
Chemical Lab'y (303).....	6-6-6
Physical Lab'y(233).....	2-2-2
Mineralogical Lab. (111)...	2-2-2
Military Drill (602).....	3-3-3

11. I recommend the Senior Class.

Theoretical

Practical

English (504).....	0-2-3	Chemical Lab'y (305,311).....	12-12-12
Political Economy (515)...	3-2-0	Military Drill (602).....	3- 3- 3
Chemistry (302).....	2-2-2		
Chemistry (309).....	2-1-2(New)		
Metallurgy (310).....	2-2-2		
Chemical Geology ().....	3-3-3(New)		
German ().....	2-2-2(New)		
Military Science (601)....	1-1-1		

10. I recommend the adoption of the following course in "Architectural Engineering," which course has the unanimous approval of the General Faculty -

PROPOSED COURSE IN "ARCHITECTURAL ENGINEERING."

Freshman Class.

14. I respectfully recommend that when a position is vacant, the cost incurred be the same as other Engineering Courses. Salary appropriated for that position, - provided, of course, that such appropriation is not overdrawn thereby.

Sophomore Class

Theoretical

Practical

Mathematics.....	5-3-3	Foundry.....	2-3-0
English.....	3-3-3	Freehand Drawing....	2-3-3
History.....	2-2-2	Arch. Drawing.....	2-2-3
Chemistry.....	3-3-3	Chemical Lab'y.....	3-2-2
Physics.....	2-2-2	Desc. Geometry.....	3-2-4
Desc. Geometry.....	0-2-2	Military Drill.....	3-3-3

Junior Class.

Mathematics.....	5-5-5	Arch. Design.....	6-6-6
English.....	2-2-2	Freehand Drawing....	0-3-3
Physics.....	2-2-2	Physics Lab'y.....	3-3-0
Civil Engineering....	3-0-0	Civil Engr. (F).....	3-0-0
Architectural Engr...2-5-5		Mineralog. Lab'y....	0-0-3
Military Science.....1-1-1		Drill.....	3-3-3

Senior Class.

English.....	0-2-3	Arch. Design.....	9-9-12
Political Economy....	3-2-0	Testing Lab'y.....	3-3- 0
History of Arch.....	2-2-2	Drill.....	3-3-3
Geology.....	1-2-1		
Building Constr.....	2-2-2		
Arch. Engr.....	5-2-3		
Heat. and Sanitation.0-3-2			
Professional Prac....1-1-1			
Military Science.....1-1-1			

Drawings required in graduation thesis.

.....

✓ 11. I recommend that the request of the Southern Railroad to establish a scholarship in Clemson College, be approved, and consent given.

✓ 12. I recommend that the County Superintendents of Education be requested to meet at the College at the same time as the Farm Demonstration Agents, and that their expenses, including railroad fare, be paid from the item of appropriation entitled "Traveling expenses of Superintendent and Assistants," Extension Division.

✓ 13. I recommend that certain old instruments be given to any of the Orphanages of the State that can use them to advantage.

✓ 22. I call your attention to the necessity of electing not more

R. W. P.
 ✓ 14. I respectfully recommend that when a position is vacant, any cost incurred in filling it be paid out of the salary appropriated for that position, - provided, of course, that such appropriation is not overdrawn thereby.

✓ 15. I recommend that any unexpended balance on the Hatch & Adams Funds which if not used, would at the end of the fiscal year revert to the Federal Government, be expended in the discretion of the Director of the Station and the President of the College.

✓ 26. I request the opinion of the Board in the wisdom of abol-

✓ 16. I recommend that the College make an exhibit at the National Corn Exposition to be held in Columbia this winter, the necessary appropriation to be made in July.

11. Completion of gas machines.....	50.00
12. Salary for Dairy.....	50.00
13. Sewing Machine (Textile Department).....	116.00
14. Bandant and Discipline Committee to revise the Cadet Regulations of the Board, reserving the right to review this work at its pleasure.	75.00
15. Freight on Ordnance.....	57.19
16. Fertilizer for Farm.....	80.00

✓ 18. I respectfully recommend that permission be given the Agricultural Department to expend on the farm the money derived from the sale of seventeen bales of cotton, (about \$800.)

✓ 19. I recommend that the Mess-hall shall have the prior right to buy at cost any food products produced by any Division of the College.

3,175.67

✓ 20. I recommend that the appropriations on Barracks #1, Barracks #2, Dairy Building and Dairy Barn be shifted if necessary, from one to the other, the total amount of the appropriation for the four jobs not to be exceeded.

✓ 21. I call your attention to the Mims Scholarship Bill, and the duties of the Board as specified therein, and suggest that the duty of designating the "County Executive Committee or other governing Board of the most representative and well recognized Agricultural Association, or Society or organization of farmers in the County" or State, be delegated to your Scholarship Committee.

✓ 22. I call your attention to the necessity of electing not more than five of your number who shall constitute the "State Crop Pest Commission."

✓ 23. I request permission of the Board to remove the catalpa trees on the Cherrys road opposite the New Dairy Barn and Horticultural Grounds.

✓ 24. I request permission of the Board to remove the cedar trees opposite the Trustee House and between the Barracks and the cement walk.

✓ 25. I request the opinion of the Board in the wisdom of abolishing the German and Cotillion Dance Clubs.

✓ 26. I recommend that the following appropriations be made -

1. Completion of gas machine.....	\$ 50.00
2. Wagon for Dairy.....	30.00
3. Filter for Dairy.....	70.00
4. Gasoline tank (Textile Department).....	115.00
5. Extension of sprinkler system to Printery.....	160.00
6. Light, water & sewerage connections to 2 cottages.....	100.00
7. Premium on Ordnance Bond.....	75.00
8. Freight on Ordnance.....	37.19
9. Fertilizer Mixing Bulletin.....	80.00
10. Negro closet for Barracks.....	35.00
11. Office furniture - Extension Division.....	38.50
12. Office supplise - President's office.....	75.00
13. Completion of work in Conradi's house.....	50.00
14. Expenses of State Entomologist.....	125.00
15. Expensee of State Pathologist.....	125.00
	<hr/>
Total.....	\$ 1,165.69

*Monument of Lee Clarke
Sale of Cotton*

Respectfully submitted,

20.00

\$ 1,195.69

President.

STUDENT COST.

<u>Institution</u>	<u>No. Re- corded</u>	<u>Cost Table Bd.</u>	<u>Room H.L.W.etc</u>	<u>Laundry</u>	<u>Total Month</u>	<u>Enough ?</u>
A. & M. Col...	400	12.00	1.15	1.25	14.40	No
A. & M. Col..	1000	15.20	?	?	16.70	Yes
A. & M. Col	692	6.60	2.00	1.25	9.85	Yes
A. & M. Col.	140	11.50	3.50	1.25	16.25	Yes
A. & M. Col.	350	11.00	3.25	No	14.25+L	No
ech.....	220	12.00	?	?	17.00	No
a. Agr'l Col	125	10.00	?	1.00	11.00	Yes
tate Univ...	239	11.00	2.60	1.50	14.50	Yes
Ark.....	300	?	?	?	15.00	Yes
Miss.....	240	?	?	?	15.00	Yes
Ala.....	150	12.00	4.00	No	16.00+L	Yes
N. C.....	280	12.50	2.50	No	15.00+L	No
S. C.....	185	12.00	1.00	No	13.00+L	Yes
el.....	220	7.11	1.06	.82	8.99	Barely
o Col.....	80	9.00	1.50	No	10.50+L	No
rry Col.....	75	10.00	2.00	No	12.00+L	No
rd Col.....	?	?	?	?	16.00	...
rop.....	660	?	?	?	10.00	No
					<u>Average</u>	15.52
on.....	700	6.50	1.00	1.00	8.50	?

colored) and a half years.

A change of politics led to the election of a new board, and Mr. English was complimented by being discharged along with the best men that the University has ever had in its history.

From Experiment Station work, Dr. Sagan A. Knapp selected Mr. English for his Demonstration Work, and with the desire of having him learn the business thoroughly, had him to begin as Local Agent in Oklahoma. He served as Local Agent for six months, then as District Agent for an equal length of time, and holds now the position of Field Agent, which is next in rank to Mr. Knapp himself.

Mr. English is married and has three children. He will

Clemson College, S. C.,

March 12, 1912.

the Honorable Board of Trustees,

Of the Clemson Agricultural College.

gentlemen:-

Mr. Bradford Knapp and I beg to present to you for the joint position of "Superintendent of our Division of Extension Work and State Agent of the Farmers' Co-operative Demonstration Work in South Carolina," Mr. William Leslie English.

Mr. English was born in Kansas, and is now thirty-three years of age. He spent three years at the Kansas Agricultural College, leaving to follow one of his Professors to the University of Oklahoma, from which he graduated with the degree of Bachelor of Science. During his Senior year there, he was Assistant in Animal Husbandry, and held this position for a year and a half afterwards.

Leaving Oklahoma, he had for six months charge of large farming interests.

He returned to the University of Oklahoma to take charge of the Experiment Station, and held the position of Director for two and a half years.

A change of politics led to the election of a new Board, and Mr. English was complimented by being discharged along with some of the very best men that the University has ever had in its employ.

From Experiment Station Work, Dr. Seaman A. Knapp selected Mr. English for his Demonstration Work, and with the desire of having him learn the business thoroughly, had him to begin as Local Agent in Oklahoma. He served as Local Agent for six months, then as District Agent for an equal length of time, and holds now the position of Field Agent, which is next in rank to Mr. Knapp himself.

Mr. English is married and has three children. He will

accept the position if elected, and will be ready to take charge of the work immediately.

Not only has Mr. English a good record, but his personality and character have impressed me favorably, and I have no hesitancy in expressing the opinion that he will make us a splendid man.

It is our understanding that the salary will be \$3,000 and a house, to be paid equally from College and Federal funds.

My report to the Board in March contained full information as to the various interests, and plans other than financial for its development. Respectfully submitted, this report principally to fiscal matters, and only such other items as must come up at this time. I hope that the Board will feel free to interrupt me, and ask questions regarding any matter not adequately covered, or not touched upon in this purposely brief report.

President.

I expect later during your sitting to ask permission to appear before you in executive session and present several other matters which I deem best to bring to your attention in that way.

GENERAL STATEMENT:

The session of 1911-1912 was in many respects one of the most satisfactory in the history of the College.

During this session, our student enrollment was 811. Of this number 798 were from South Carolina, and only 13 from other states. In addition to the 811 counted on the enrollment, 37 matriculates were unable to enter. The total number of matriculates was 848, one hundred and forty-five larger than any previous session.

The graduates numbered 94, seven above the high water mark of the previous session. Fifty-two of these were in the Agricultural Courses, and forty-two in all other courses.

Of the total number of students enrolled, 369 were in Agricultural Courses, 356 in the other courses, and 88 in the Preparatory Class.