Teddlebi, N.C.,
Dec 29, 1877

The Call of the Ex Com. the Board of Directors met in Teddlebi this pm.

Proceedings of last meeting
were read and considered.
On motion of Mr Wannamaker
it was ordered, that all work on the
buildings be suspended except such work
as is deemed absolutely necessary to the
preservation of the buildings not in course
of erection, by Ex Com. and such other
work as can be performed by Convicts.

On motion of Col. Norris it was
resolved that the Ex Com. return seventy-five
Convicts, and return the volumes to
Teddlebi, and that the Ex Com. shall be
empowered to return more Convicts, when
in their discretion they believe Convicts can be
dispensed with.

On motion of C. Niswander
that the best address a Communication
to the Senators and Representatives of
the House in Congress, and inform them
that the Directors unanimously request them
to use their best endeavors to secure the
earliest possible settlement and division
of the Morrill Fund, and that the Commu-
nication be made through the Speaker.

On motion of Mr Bradley
it was resolved that a Committee of three
with Mr. Bradley be appointed to issue a
Circular letter to Professors who have been
elicited and elected, who have applied,
and present the same to the Board for approval.
Wm. Donaldson, Captain of Indian War
Attorney before Globe Commissioner.
Res. That Petition be

Resolved. That the board of Control
of the Eff. Station is hereby empowered
to make all purchases necessary for
the Eff. Station; and that all bills be
approved by the said board before
payment.

Res. That goes stand as instructed.

Res. Nomad to write to R. W. Newcomb and inform him
that he will need is services as Vice-Pres.

Res. That the President of Eff Station take 1982. And that his salary
will be $2500. per annum.

Res. That this board did, this day

Minutes

Report of Treasurer of Eff Station was
presented and ordered forwarded to

The College building for $10,000.

On Motion of

Col. R. E. Bowen it was
Resolved that the salaries of Prof. Newmon, Nordene, Eoggan, Dr. Pro, Atius, and Dyer, be paid.

Support of Council

Fed. of multi. and Council., and Jocen. shall be paid from the college fund. And that the salaries of all officers be paid quarterly.

On motion of Mr. Johnston, it was resolved that the Prest Board of Directors be authorized to take charge of the notes given by the trustees and of committee. And arrange for payment or extension, with the understanding that they be paid from the first funds in hand, subject to the order of the Com. Under resolution already passed.

The committee appointed to issue a circular to professors and students, reported the following which was adopted:

Circular letter

Having on a previous occasion given notice that we hoped to open Clemson College for accommodations of students on Feb. 1, 1872, we now become our duty to inform all interested (as far as it is possible to do so, by reason of the failure of the Legislature to make the appropriations asked for in our last Annual Report to the General Assembly) that it will be impossible to do so. While we deeply regret said course of the Legislature, we are glad to say that the progress of the work is good, and other buildings, including a new line.
Circular

Statement, That our former Cares have been accomplished and the Approbation asked for been granted.

We dare to say further, that your Disappointment cannot be greater than ours, and also that kindly notice will be given when the Opening of the College is fully assumed.

Knowing that this failure which is caused by no fault of our's will not seriously affect your Educational prospects, We are respectfully yours, P.C.

My order 2nd Draft. C.P.C.

Signed A W Lenfant Pres.

Board adjourned to meet at Princeton
Dec. Jan 19th 1892 - 7th. P.M.

Proceed to meet 7th Jan 1892 - Board

Philadelphia -

Jan 19th -

The Board of Trustees met in Penndale

this and 12 o'Clock.

Present Cols Smedly Mr Norris

Gov Johnson Colf Sendal Mr Kinnamaker

and Mr Johnston.

Proceedings of last meeting was read Confidential

Election of President

Board then went into one election for

President and Mr. T. Lamphor was unanimously elected President

On motion of C.P. Norris

It was Resolved that all elections by board of Trustees shall be by ballot, and nine Votes shall be required to elect.

Res That the letter J. in the word Selection of Section 7th, Paragraph 3. of by could be stricken out.
Col. Newman was invited to take a seat in the meeting and at the proper time, to give his views on the management of the farm and experimental station.

On motion of Mr. Venable the Secretary was requested to collect the unanimous vote of the board for the old member of the Ex. Cond. to serve for two years, as follows:

R. W. Linkin
J. E. Norris
R. E. Bower
J. L. Orr
Alonzo Johnson

Resolved that Res. Storrs leave Prof. Newman be directed to proceed to develop the farm and experimental station with a view to scientific and practical work, in outline to the work to right by Prof. Newman. Subject to such instruction as may hereafter be given by the board or the Executive Committee.

On motion of Geo. Gillow the previous action of the board relative to the limitations of Hatch's fund for feeding mules and convicts was reviewed, and the resolution so amended as to allow as much of the fund of mules and convicts as are needed when the farm and experimental station to be built from Hatch's fund.

On motion the request of Mr. Well for one room was granted.

Vice Range Co. was requested by resolution to hold goods.

Dr. Jos. stated to say to Mr. Suggs that the rooms he has an all the board can give him.
Rooms

Dr. Brackett was granted 3 rooms in No. 7
for Brackett temporarily.

On motion it was instructed
and request that he
to vacate the mento for a few months.

On motion it was resolved
that the President and Secretary be
authorized to draft the checks for
all expenditure ordered at this and
the meeting of December last.

Foster, Horris, Illinois, Johnston.
Orr, Boscorn, Bowdoin. Wrennaker
Both approved.

Read and approved June 21, 1899.

Outlines

A plan for the development of the North
of L. E. Expenditure present by
Dr. J. Newman; Prof. J. Agriculture.

Improvement of poor lands.

This is a question in which land owners
all over the Cotton States feel a deep
interest. It is suggested that the Gulch
lands in sage fields be terraced and
section to profitable cultivation by a
judicious rotation of crops including
grain and corn.

The old land used for the purpose last
year and some fresh land adjacent
should be utilized for spring and fall
vegetables, the drain bottom beyond
the stockade and creek bottom beyond
Huntsville wills should be ditched, and
drainage and arranged for long time and
utilized for summer and early fall vegetables,
Nursery, Orchard and Vineyard

It is part of the open field that borders to

salt becomes the old garden with adjacent

fresh land giving both seacoast and

eastern exposures and an elevated ridge

should be devoted to Nursery, Orchard and

Vineyard purposes with the following

subjects being prominently and permanently in

view:

1. For Experiment with Varieties under different

   treatments and conditions as to exposure

2. For a Laboratory of instruction for Students

3. For the production of Supply for West Ida

4. From the Parent plants of Varieties of

different species should be distributed to

different sections of the state for trial

Plantings should be made

each year in sufficient quantity to serve

for laboratory or practical instruction to

the students

A portion of this nursery stock

and fruit should be sold each year

that the boys may learn how to prepare them

for market.

Field Experiments

1. Cotton will be used to inquire the

   chemical needs of the soil, both old

   and fresh - there to be continued for

   a number of years sufficient to secure

   an average of Meteorological Conditions

2. Method of Cultivation looking to ascertaining

   those most nearly combining economy and

   maximum production

3. Comparison of Varieties and their Cultivation,
Corn.

Should be subject of inquiry as to best varieties, best fertilizers, best methods of cultivation upon different soils and with different crops. These should bear upon its use for grain and for silage and forage.

Lands recently cleared along the Pendleton road may be utilized for experiments with this crop. The following experiments are suggested:

1st. The same varieties with different fertilizers.
2nd. The same fertilizers with different varieties.
3rd. The same variety handled and cared in different ways.
   a. Hauled and barn cured with artificial heat.
   b. Barn cured with old style method of heating.
   c. Mortar cured with most approved method of curing and handling.

Grasses.

Some of the best lands on the Pendleton road from which all timber has been removed should be thoroughly prepared and sown to grass.

A smaller area should be roughly prepared and sown without manure.

A third area upon which the timber is to be removed to a grove should be sowed and grown to grass half with, and half without, legumes.

Varieties should be grown separately and the same mixed.

Forage Plants.

Experiments should be instituted for the purpose of ascertaining the most profitable of forage to be harvested and cured as dry:

1. For curing and storing as silage
2. For green forage in summer
72

1. For grew forage and pasture in winter
2. For permanent summer pasture.

Experiments should also be made into methods of growing the various varieties.
Three forage plants should be subjected to chemical analysis at different stages of development and comparison of their milks and butters, beef and forage producing power made by feeding experiments.

Propagating House

When some botany is to be done, where water can be had under pressure, a small area should be put under glass for the purpose of instructing the boys in the culture of the various plants and to furnish plants for ornamenting in summer the public grounds.

These should also be propagated for sale for practical instruction to the boys.

Co-operative Soil and Culture Stations

In order to study the chemical needs of the typical soils of the State, chemical analysis should be furnished. The experiments for cultivating such soils with printed instructions for conducting the inquiry.

Various seeds, Districts should be furnished such experiments, for the purpose of testing their adaptation to the various soil and climatic conditions existing in different parts of the State.

Stock Cattle

There should be at the station five breeds of cattle with their grades for the purpose of comparing the merits and products of both thoroughbreds and grades alike. The hillside land area west of the farm should be let in bumper.
in much felt and the forest adjacent bound to other grasses.

The forest between the river and the buildings
should be utilized as a run for hogs.
The enclosure should extend from the
road west of the barns around to the
rear of the dormitories. Making it
convenient to feed them from the barn and
drive them from the dormitories Miss Hall
four times a week their garbage should be
kept by Miss Ether. Percham, Thomas, Claire
and Gertrude, a boar and two horns of
each, and a Common boar to each boar.

That portion of the river bottom in each
g of the mill creek may be utilized for growing
a succup of crops to be gathered by the
hogs by leaving movable fences to divide the
lot.

Levee & Underdraining
The river bottom should be leveled from
the entrance of the Creek above the ice mill.
to fort Hill to prevent overflow, a large
part of this bottom needs underdraining
to render its Cultivation profitable.

Before the engines can for making
brick an abundance of enough and for
the use of the found should be made

Canning Outfit
A small Canning outfit should be provided
and enough Vegetables canned during the
summer to supply Miss Hall during fall
and spring. The main object however being
the instruction of the boys in the details of
the process.

Cheese
An outfit for Cheese making is important
for the purpose of instructing the boys in the details of the process of butter-making.

b. to determine the cost and profit of butter-making.

c. for the benefit of farmers who can send from transportation to local markets perishable articles as milk and butter.

Records and Accounts

A careful record of each experiment should be made in a book devoted to that purpose, with spaces opposite in which to record results when obtained. Each assistant should be required to keep a diary of work done on each crop and should report to accountant weekly or oftener so that the cost and proceeds of each crop may be known.

Nature Forest

The question of the propriety of the further destruction of the Nature Forest is one worthy of serious consideration.

Plans for experiments must look farther for at least five years and should embrace the study of the most profitable methods of utilizing both as well as old lands.

Drives

For convenience of work and to facilitate the inspection of crops and experiments by visitors and others a regular system of graded drives should be at once inaugurated, and at an early day, as practicable, the methods of routes now in use abandoned. A drive on the river should be included in this system connecting with one around Cemetery Hill and Fort Hill.
Public Grounds

As early as the completion of the work on the buildings will allow, the Campus and adjacent grounds should be systematically laid off and divided to grass, the other grounds to Bermud and Orchard and other grasses in the groves. The grove around the infirmary should be trimmed and town 1st grade.

Character of Work

All work done on the Farm and Station should be thorough, and besides having in view experiment and instruction attachment of appearance should not be lost sight of.

The draft of implements and machinery should be tested by a theodolite and this together with the character of the works done by these reports in bulletins.

Hillside plots should be provided for growing barley and clover.

A forty yard plot should be provided for accurate comparison of quality and growth of seed of varieties of Cotton.

Library

As early as practicable a library of books of reference pertaining to the branches of science relating to Agriculture and their applications to the subdivisions should be provided.

Summer Course in Irrigation

The propriety of having a short summer course in irrigation for men over twenty one is suggested.