April 2nd, 1901

Clemson College, S.C.

The Board of Trustees met in the office of the President this PM pursuant to adjournment.


Proceedings of last meeting were read and approved.

The Finance Committee reports that they had examined the books, receipts and vouchers of the Treasurer and found them well kept and correct.

Resolved - That Finance Committee ascertain and report at the next meeting if any additional bookkeeper will be necessary to keep the books in such way as well keep a separate account for each appropriation and report amount necessary to employ such additional help.

Report of Committee on Refder-Dairy.

To the Honorable Board of Trustees, Clemson College, S.C.

Gentlemen,

The undersigned appointed as a committee to find and test the advisability of procuring special herds of registered cattle for
lacking college and the proper method of handling the same beg leave respectfully to report that at the outset of the investigation they were confronted with the question as to the true policy to be adopted and followed by the college whether to keep a herd of cattle simply for commercial purposes (that is for the money that was in them), or whether to keep sample herds of selected breeds, getting in that ideal of the highest type so that the funds of the college should be not only offset lessons for the public but also subjects from which the students could be taught the points of difference between different breeds.

The committee after careful investigation think it would be well to combine both of these ideas; to keep a herd of ordinary milk cattle for the College with the needed poultry and buttery as far as possible and also to have herds of breeding and recognized breeds which could be used not only for the purpose of instruction to the students but also as object lessons to the public generally. They express that this would carry out the true principle upon which the college was founded.

Whiles perhaps the handling of well-registered herds would not be, as far as the college...
is concerned a matter of absolute importance, still it would afford not only instruction as my page already suggested but perhaps be of more to some in-coming from the young which is the parent age properly selected would be valuable and should command ready sale.

The Committee, therefore, would suggest that the dairy herd of cattle, with the exception of such few registered cows and heifers, as may be found worthy, should be turned over to the farmer to be handled for commercial purposes, by the entire charge. This herd, the feeding of which is the milk, is to be fed for the purpose of the college and during vacation to be disposed of either as milk, or in the shape of butter or cheese as may be found most practicable.

This herd should, also, be need for the purpose of teaching students how to handle feed and milk cows. It is, of course, a recognized fact that milk suffers from a constant change of milking. The ideal thing is to have a regular milk to each cow, so that there will be no change of handling any such change affects the flavor of milk from the cow and thus tends to depreciate its value. We would, therefore, suggest
that this farm herd should be used exclusively for the necessary purposes of instructing the pupils in the art of milking and handling cows. The registered herd should be kept solely for themselves and handled according to other principles.

As to these we would suggest that a competent dairyman employed, and in addition to a thorough knowledge of dairy methods and practice, should also have a theoretical as well as practical knowledge of handling cattle and feeding them, and of all things connected with their management. These herd is to be kept in a set apart lecture and in a separate barn altogether distinct from the dairy herd. We should obtain, if possible, a man who would be able to give us the results of different tests and experiments. For instance, he should be required to ascertain the flow of milk, the yield of butter from each cow, compare cows with cows, and feed with feed, and as to upon the actual results obtained from his experiments with the different breeds, and with the different individuals of the same breed.

We would suggest that he should give us the benefit of experiments as to the different kinds of feed given to the cows, for instance, feeding them on a
certain ratios of a certain kind
in a given period, then varying
that fraction, keeping accurate data
as to the relative part of the differ-
ent rations, the amount of milk
produced by each cow from the
different rations, and other useful
information. This should be pub-
lished for the benefit not only of
men engaged in handling cattle
over the State, but of the farmers
generally and especially for the in-
struction of the pupils studying
in this department.

The offspring from these
herds, if the parents are well selected
would necessarily be valuable and
the effect should be to keep a stan-
dard herd here, so that the young
bulls and steers from this Shetland
herd would be sought after and
world command, ready sale.

We would also suggest
that it might be an inducement
to offer the dairyman in
charge of the herd a commission
on the sale of all young animals
made while he was in charge of
the herd. This would be an
additional incentive to take
special care of the calves and
obtain for all the young animals
the highest price possible.

There are two points in
this plan calling for the special
attention of the Board.
First — That we should obtain the proper man. This will take some little trouble. The Board should not only obtain a man who knows his subject theoretically, but also one who has been practically successful, who has knowledge derived from actual handling of animals.

Second — As to the selection of the animals. This cannot be too carefully guarded, because upon that selection depends the value of the entire herd.

If this plan be adopted then it will be necessary, and we would recommend, that a new barn be erected for the use of this registered herd at some convenient place to be selected hereafter, together with a shed and such other buildings, if any, as may be necessary. These bulls bought for the registered herd should be used to service on the cows and heifers of the farmer herd, thus improving the stock.

As to the herds of cattle to be selected for these experiment herds, the committee think that leading types of dairy and beef or combinations should be selected. They would suggest herds of Friesians, Jersey, Ayrshires, Holsteins and Dorset.
As to the size of these herds, they suggest that there should be brought together and grown to from two to four heifers of each breed. This committee would also call the attention of the Board to the badly arranged plan of the present barn. Instead of the heads of the cows being turned towards the sides of the barn, they should be turned towards the center and if possible, a little track laid down so that the ensilage and other full feed could be given and fed from the ear into the stalls of the cows, as it is now the cows' heads are towards the sides of the barn and not only has everything to be given by hand to the cows, but the alley way on each side of the barn is used for storage purposes, so that passage through them is impossible and feeding has to be done by hand from the rear and carried past the cow to the head of entry stall.

This necessitates a great amount of labor and adds considerable expense of handling the feed.

All of which is respectfully submitted.

C. R. Tillman
A. T. Smith
Committee.
Mr. Donaldson moved to substitute for Holstein cattle the Red Poll cattle which was adopted.

Resolved — That a committee composed of Senator Tillman, Mr. Smyth, and Dr. Hand be appointed to carry into effect the recommendations contained in the report of the Committee on Dairy and Hogs.

And that said committee be authorized to provide for pastures, direct the planting of villages, and that $20,000 be appropriated to be expended by them in inaugurating the said scheme.

Increase of Salary of C.P. Salt to commence next year.

Resolved — That Cres Hargro be authorized, in his discretion, to modify the rule in regard to specific appropriations for specific purposes, provided that the amount extended in any deviation shall not exceed the total amount appropriated or to purchase anything not authorized by the Board. And all such changes shall be reported to the Board.

Resolved — That the age of admission be raised to 15 years, not to apply to those already accepted, and provided that the President may, the sooner to accept boys under 16 and over 15 years of age.
Senator Tillman moved that immediate steps be taken to enlarge Dormitory by adding at least sixty rooms.

Mr. Manganese moved to put the question to the table, which was laid on the table and Senator Tillman's resolution was adopted - 5 to 3.

And on motion of Mr. Donaldson it was resolved that the matter of enlargement be submitted to absent members as a separate proposition from the money expenditure or other expenses ordered. And it was then ordered that a committee of three be appointed to carry out the plan and ten thousand dollars be appropriated to begin work, shortly the vote of absent members authorize the work to go on.

On motion of Senator Tillman, Salaries of Professors, Instructor,1 Janitor,2 Brodie and Ewing was made the same as that of the Professors at L.G. College and the resolution he overruled.

Vet. Hosp. $3,000 was appropriated to make addition to Veterinary Hospital.

Post Office - Resolved - That appropriation for Post Office be increased to $35,000.
Appropriation for insurance was decreased to $325.00

Resolved - That two more cottages be built at $800.00 each

Messrs. Tillman, Simpson and Bradley were appointed committee for construction of new barracks.

Resolved - That the President and Treasurer draw their checks for all the expenditures ordered at this meeting.

Board adjourned

All absent members voted "yes" on the proposition to enlarge the barracks except Col. Norrie.

All voted "yes" on the motion to authorize the President and Treasurer to draw their checks for all expenditures ordered at March and April meeting.

See Law of Vet inspection never laid before the Board.