

The disease caused by the germ from the cultures did not coincide very closely with that from natural infection, and there is still doubt if the two be the same.

No preventive measures can be suggested with the limited knowledge of the disease yet available.

DEVICE FOR SUPPORTING A PASTEUR FLASK.

BY KATHERINE E. GOLDEN.

NOTES ON THE MICROSCOPIC STRUCTURE OF WOODS.

BY KATHERINE E. GOLDEN.

MOVEMENT OF PROTOPLASM IN THE HYPHÆ OF A MOULD.

BY KATHERINE E. GOLDEN.

DESCRIPTION OF CERTAIN BACTERIA OBTAINED FROM NODULES OF VARIOUS LEGUMINOUS PLANTS.

BY SEVERANCE BURRAGE.

(A preliminary study on the constancy of the distribution of bacterial species in definite species of leguminous plants.)

It has been quite thoroughly proven that several different species of bacteria may be found in the nodules of various leguminous plants. The following questions, however, have not, it seems to me, been definitely settled with regard to them:

Does the same species of bacteria always occur in the same species of legume?

Does the same species of bacteria always occur throughout all the nodules on the same plant of any species of legume?

Does the same species of bacteria always occur in the nodules of all the plants in a field planted with one species of legume?