scattered in vast numbers over the roots of the legume.   When
they are not present, the clover, as regards its nitrogenous food,
is in the same category as other plants.   The nitrogen elaborated
by these microbes is passed on to the host plant and there built
up into the usual nitrogenous compounds of the tissues of the
roots, stem and leaves.   These facts, so briefly put, represent the
most important discovery in agricultural science of the nineteenth
century.

For the reason that, as far as we know, the legumes alone
offer themselves as suitable hosts to these germs and are thus
able to appropriate nitrogen that is useless to all other-vegetation,
they have been termed nitrogen-collectors.   All other plants, in
contradistinction, are known as nitrogen-consumers.   The legumes
are especially rich in nitrogen, and though we are unable to say
exactly what proportion of this element is taken by them
from the air by the means I have mentioned, we may be sure that
under favourable conditions the greater part is from that source.

To be continued.

THE LABRADOR FLYING SQUIRREL.

By J. D. SORNBORGER, Cambridge, Mass., U.S.

Three specimens of *Sciuropterus*, sent me by my friend Rev.
Walter W. Perrett, from Makkovik, Labrador, seem so different
from previously described forms, that I propose for them the name :
SCIUROPTERUS SABRINUS MAKKOVIKENSIS, new subspecies, the
Labrador Flying Squirrel.

Both above and below, this form is the darkest of the flying
squirrels of eastern North America.   The composition of its pre-
dominant colours, compared with those of a specimen from Moose
Factory, by means of the colour top,* is approximately :

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* The "colour top" made by the Milton Bradley Company, of Springfield,
Mass.   See C. B. Davenport, Science, 1899, p. 416 ; A. G. Mayer, Proc.
Bost. Soc., Vol. XXVII, p. 246.   This method of colour determination was
suggested to me by Prof. C. B. Davenport, now of the University of Chicago,
and, though subject to many limitations, is, in most instances, far better
than any other method known to me.