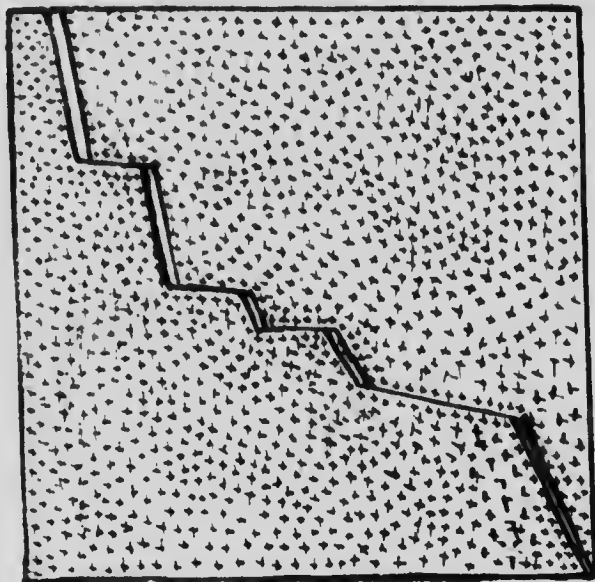


In mineral composition and microstructure they agree completely with the bostonite dykes that have been described.

The faulting of one, about an inch and a half wide is here figured approximately to scale, the width of the vein being somewhat exaggerated.



1/2 inch.

Intrusions.

Owing to the intrusion of the various large masses at different periods each rock is liable to have suffered more or less deformation from the forces which caused or accompanied each subsequent intrusion. But since the latest of these possesses a cleavage scarcely less distinct than the earliest, it too must have been in its present position before the causes of the regional foliation ceased.

There is thus ample proof that the rocks of Shefford mountain have shared in the foliation of the entire region, viz., that of the Notre Dame, or Green Mountain, range of the Appalachian system. The only possible exception is the camptonite already mentioned.

AGE OF INTRUSIVE ROCKS.

Important data is thus afforded for determining the age of intrusion of these rocks.