



Plate 15A. Tremolitic marble sectioned normal to the foliation. The long slender blades of tremolite are growing across the initial layering (bedding) and obliterating it. Some of the tremolites are in turn crumpled along axes which are almost normal to the page.

Plate 15B. An advanced stage in the replacement of marble by blades of tremolite growing at right angles to the prominent layering in the marble.

Plate 15C. Anthophyllite-tremolite schist split along the dominant foliation. The anthophyllite fibers form thin mats with a pronounced lineation parallel to (L1). This lineation in the plane of the dominant foliation plunges down the flanks of associated folds at right angles to the axes (FA). Many of the anthophyllite tremolite fibers are crushed and broken. On <sup>layers parallel to and less than</sup> ~~the opposite side of this slab, which is~~  $\frac{1}{2}$  inch from the surface of this slab (shown by cut in upper right of the specimen) ~~inch thick~~, tremolite blades define a lineation at right angles to that shown here, and parallel to the axes of associated folds. <sup>(L2)</sup> The specimen is from the International No. 4 Mine, Talcville.