

The first section (fig. 2) to which I wish to direct your attention is that of the Wasatch Mountains, in Utah, where the Cambrian is well shown in Big Cottonwood Cañon. The section is described in the reports of the Geologists of the

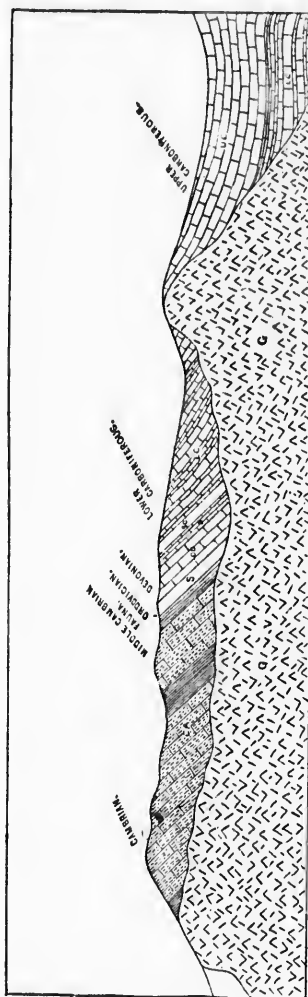


Fig. 2.—Wasatch section. This crosses the Wasatch Mountains a little south of Big Cottonwood Cañon. Copied from map of sections accompanying vol. i, Geol. Expl. of Fortieth Parallel. Scale, about 10,000 feet to the inch. The Cambrian strata are represented as resting unconformably on the granite and as overlaid by the conformable Lower Silurian (Ordovician) strata. The position of the Middle Cambrian fauna is indicated just below the Silurian horizon. CA, Cambrian; S, Silurian; OD, Devonian; LC, Lower Carboniferous; UC, Upper Carboniferous; G, Granite. Further study in the field will probably result in a somewhat different representation of this section, as it was originally based on rapid reconnaissance work by the geologists of the Fortieth Parallel Survey. The relations between the granite and the overlying strata are not as understood by myself, but are given as in the original section.

Fortieth Parallel Survey (Geol. Expl. 40th Par., vol. i, p. 229; vol. ii, p. 366), but I had the opportunity of examining it more in detail during the summer of 1885, and through finding the