

## METAMORPHIC TEXTURES

14. Augen gneiss, consisting of perthitic feldspar augen (eyes) surrounded by fine-grained feldspar and lenses of quartz. This rock underwent considerable deformation, but its two constituent minerals reacted differently to the deformation. The feldspar augen exhibit considerable strain--wavy extinction and folded exsolution lamellae. The small grains of feldspar may be relicts of larger grains or the products of recrystallization. The quartz forms flattened lenses, which, under crossed polars, are seen to consist of a relatively few, large, unstrained grains. Clearly the quartz is completely annealed, but the feldspar in the augen is not. Crossed polars. Width of field 9.3 mm.

