

輝石(pyroxene)固溶体

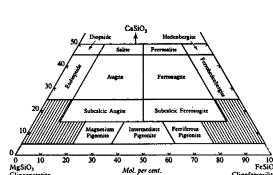
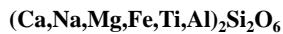
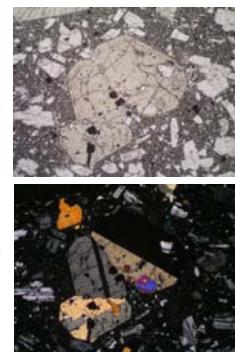
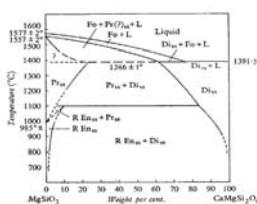
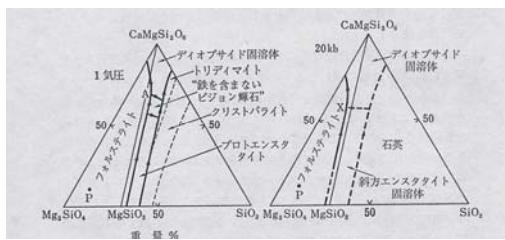


Fig. 36. Idealized structure of diopside as viewed along the \bar{z} direction. Atoms overlapping one another have been slightly displaced (after Warren, B. E. & Bragg, W. L., 1928, Zeit. Krist., vol. 69, p. 186).

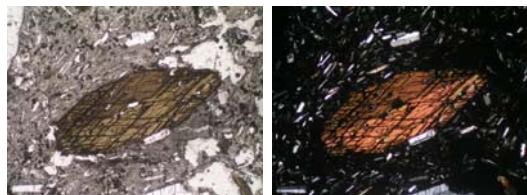
普通輝石(augite): $\text{Ca}(\text{Mg},\text{Fe})\text{Si}_2\text{O}_6$



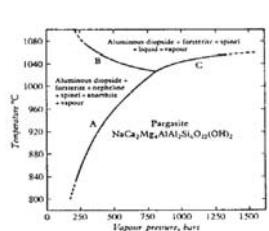
Di-Fo-Silica系



角閃石(hornblende)

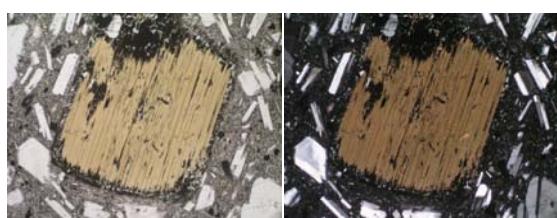
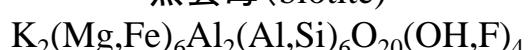


角閃石の安定領域



Mt.St.Helens Volcano, 1980 pumice

黒雲母(biotite)



Bowenの反応系列

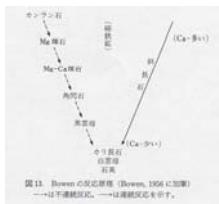


図 13. Bowen の反応系列 (Bowen, 1956 に加筆)

