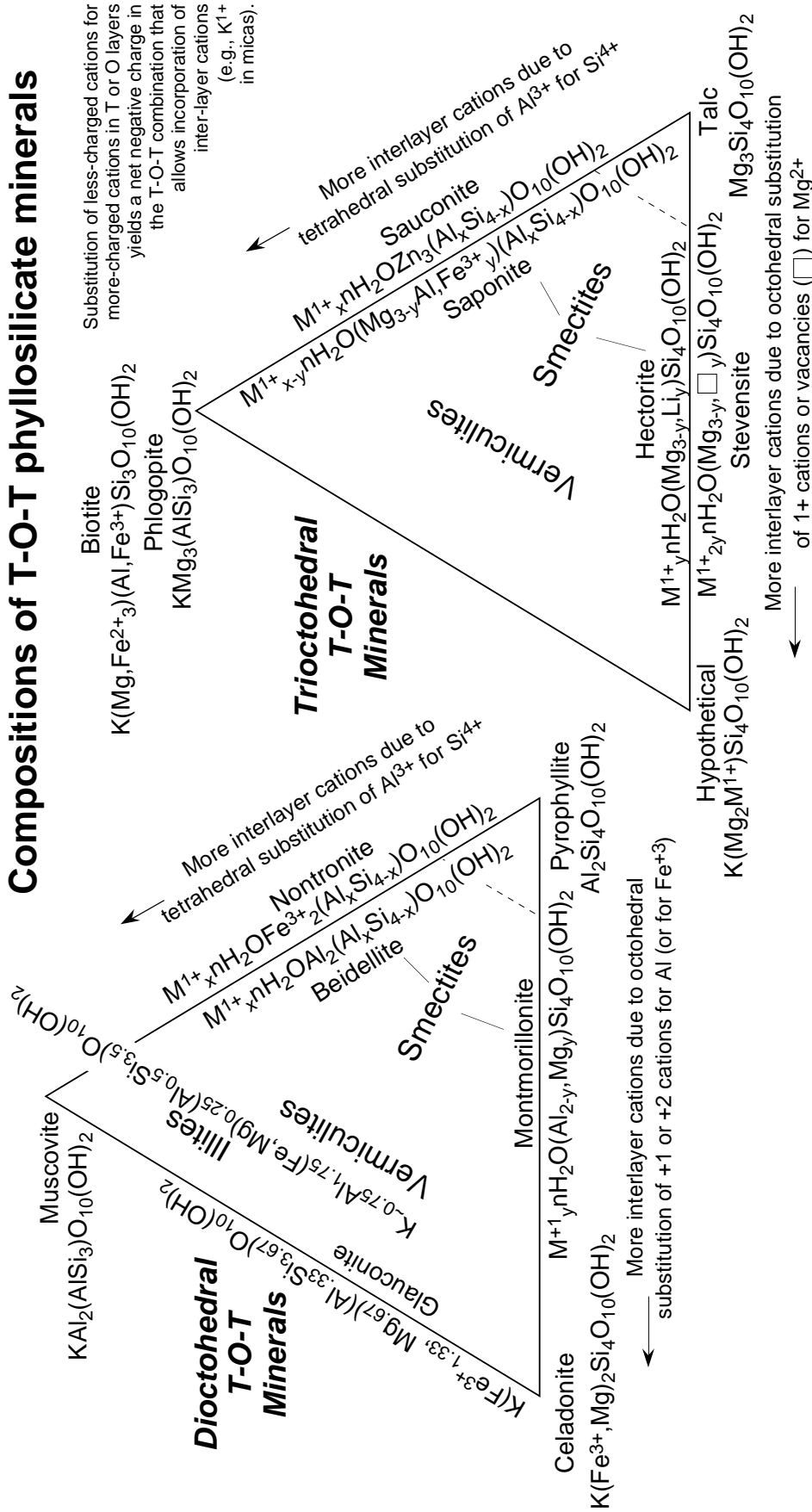


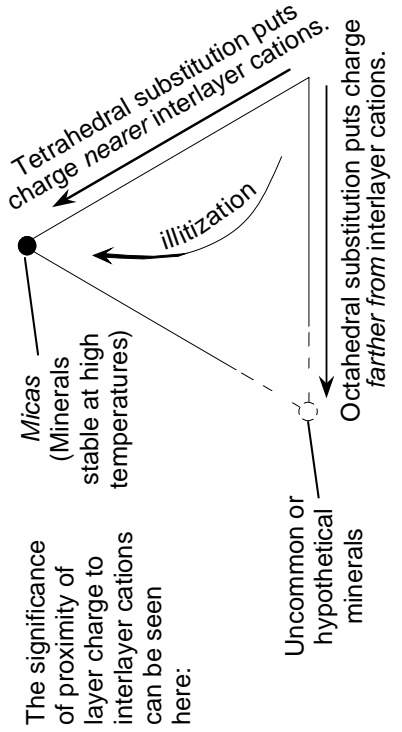
Compositions of T-O-T phyllosilicate minerals



Smectite = Montmorillonite + Beidellite + Nontronite + Hectorite + Stevensite + Saponite + Saucornite (+ others)

"Swelling Clays" = "Expandable Clays"

"Montmorillonite" in archaic broad sense of "montmorillonite"



LBR 815 ClayMinerals 05_5/1996 rev. 10/2006
 (This diagram is based heavily on notes from Steve Altaner's Clay Mineralogy class at the University of Illinois.)