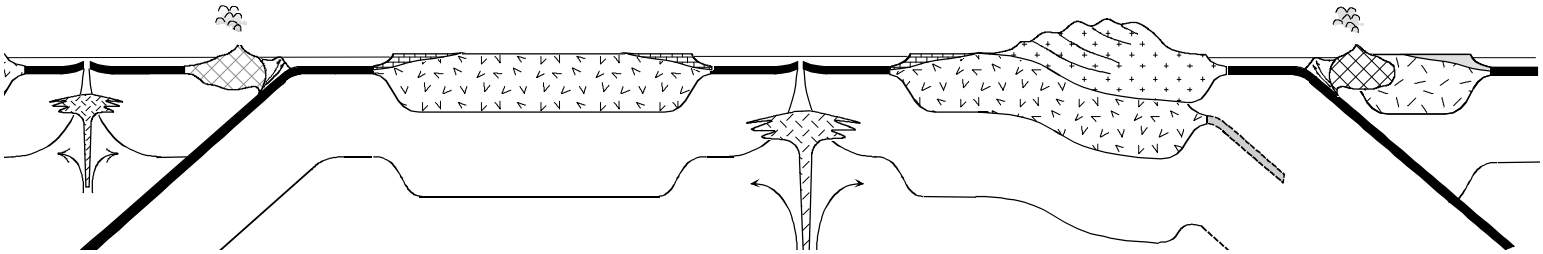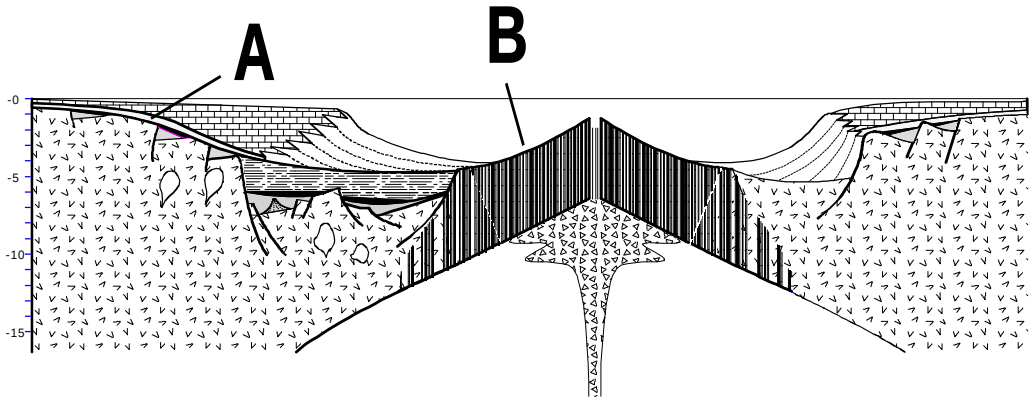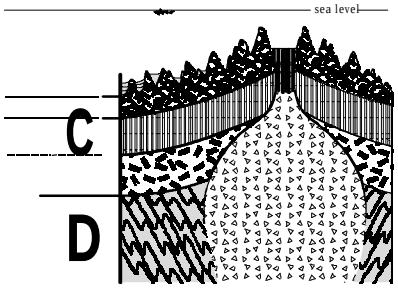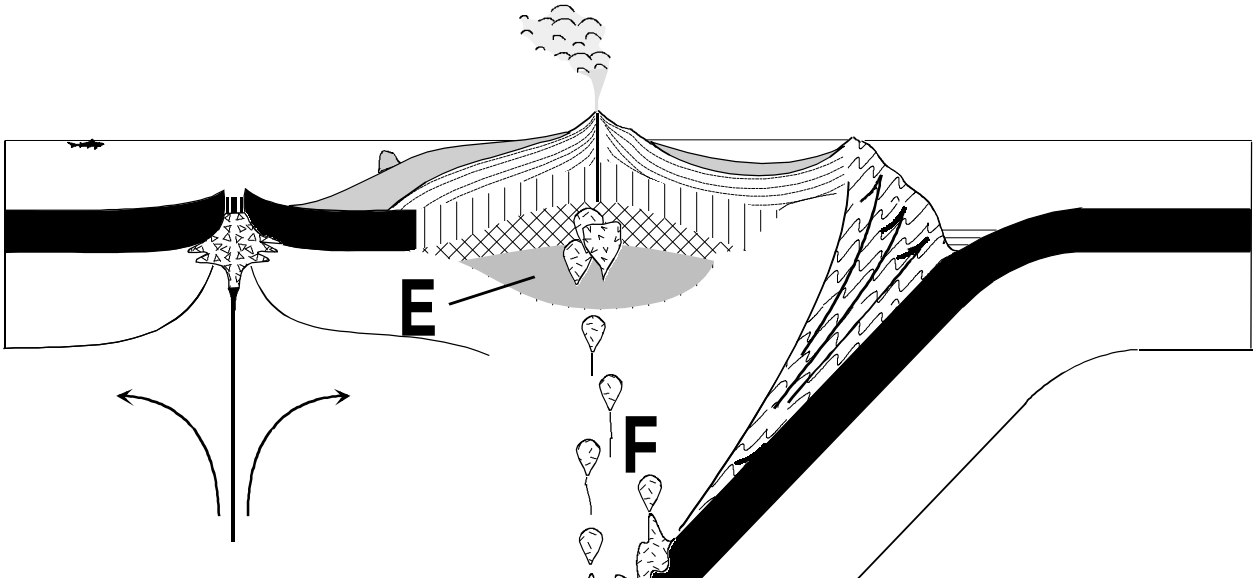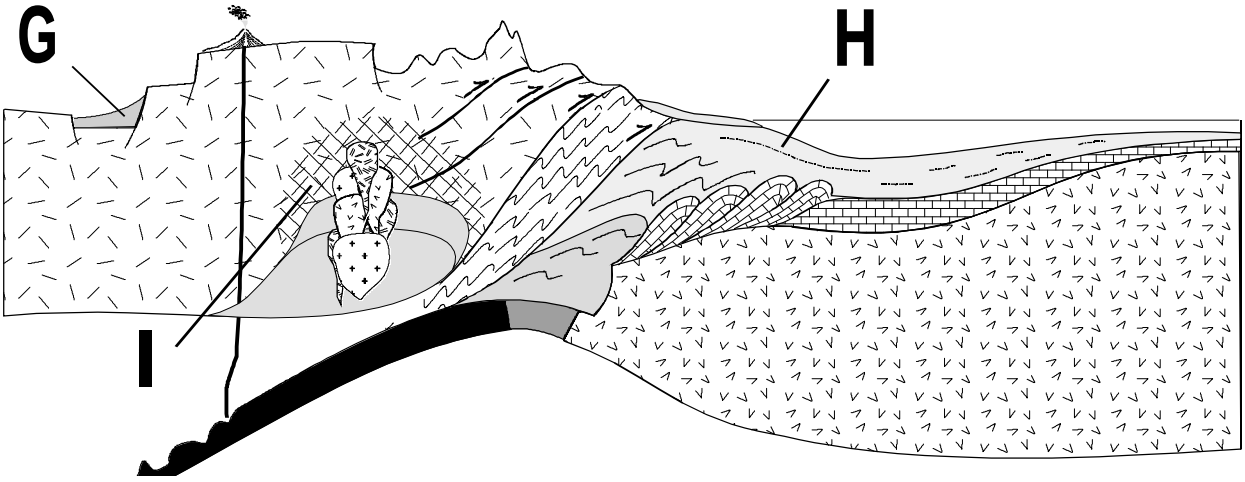A Selection of Cross Sections