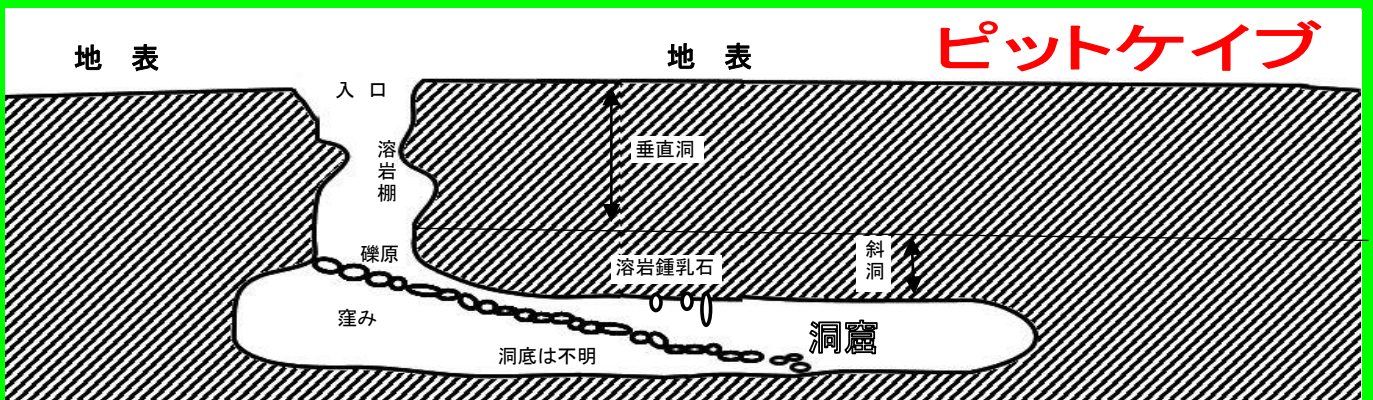
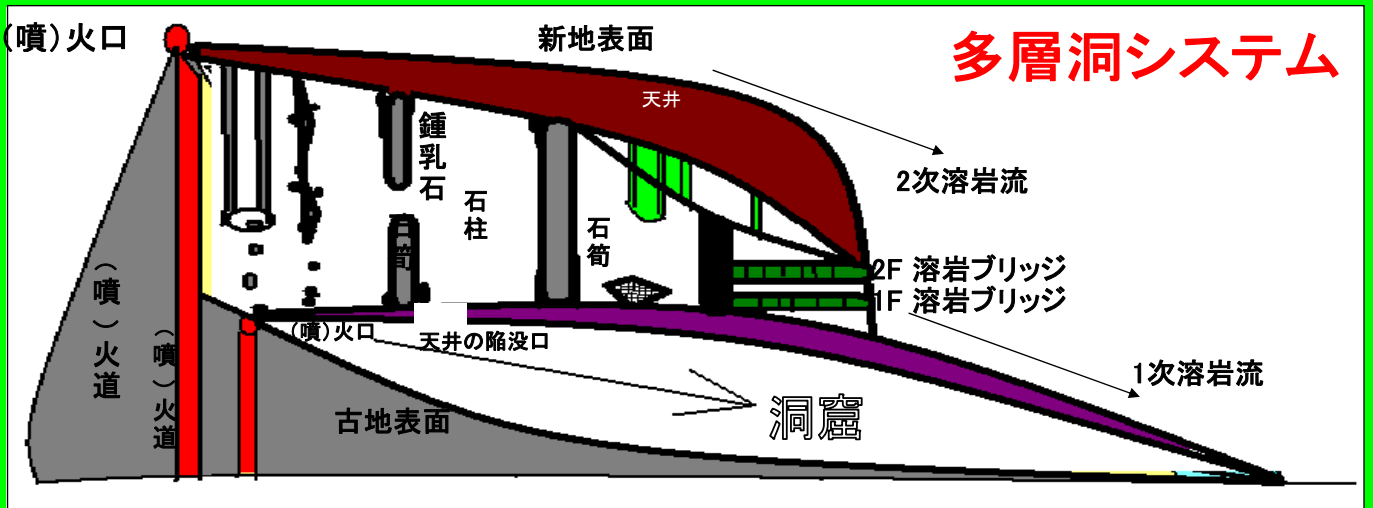
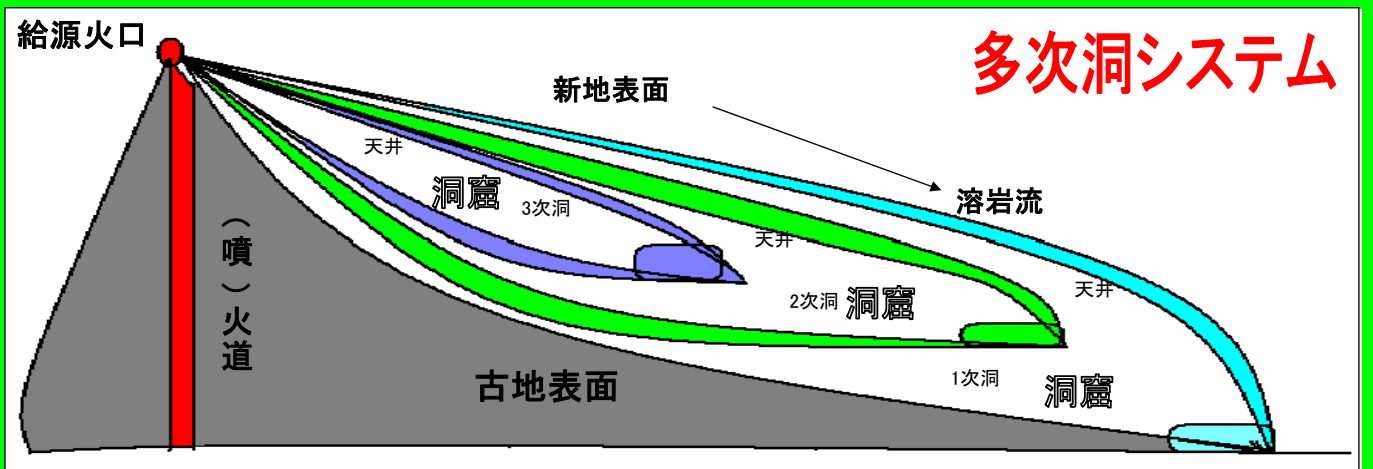
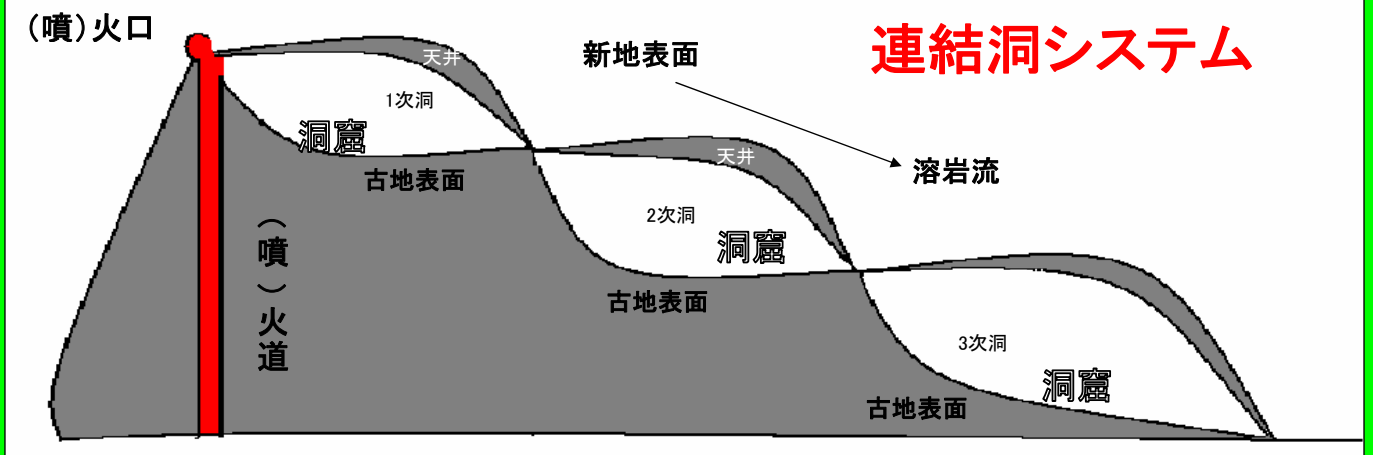
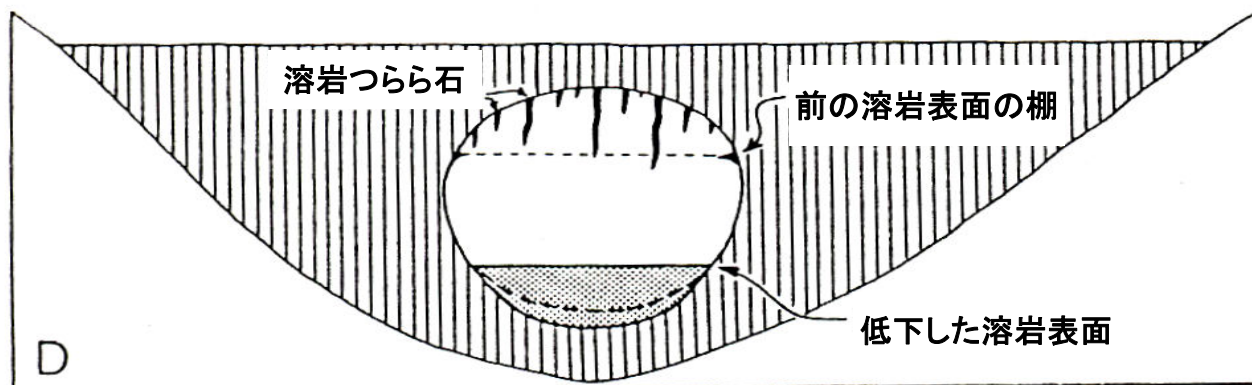
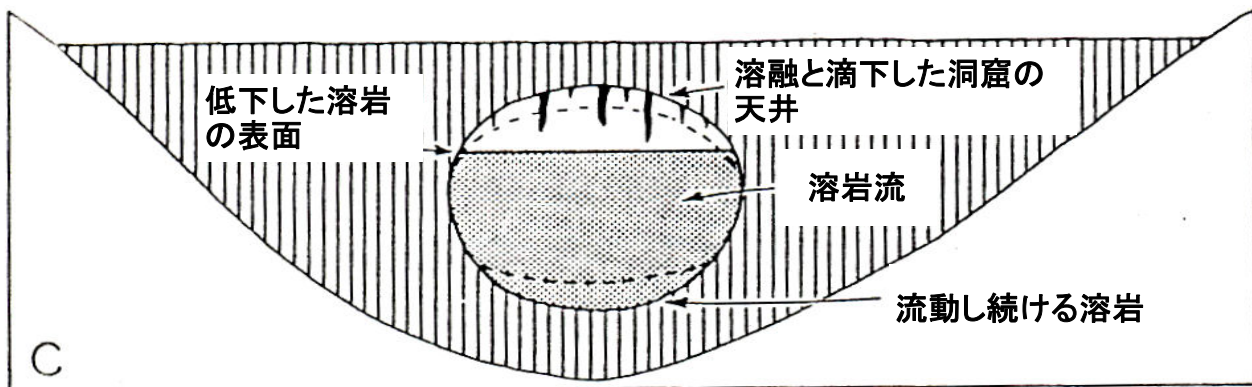
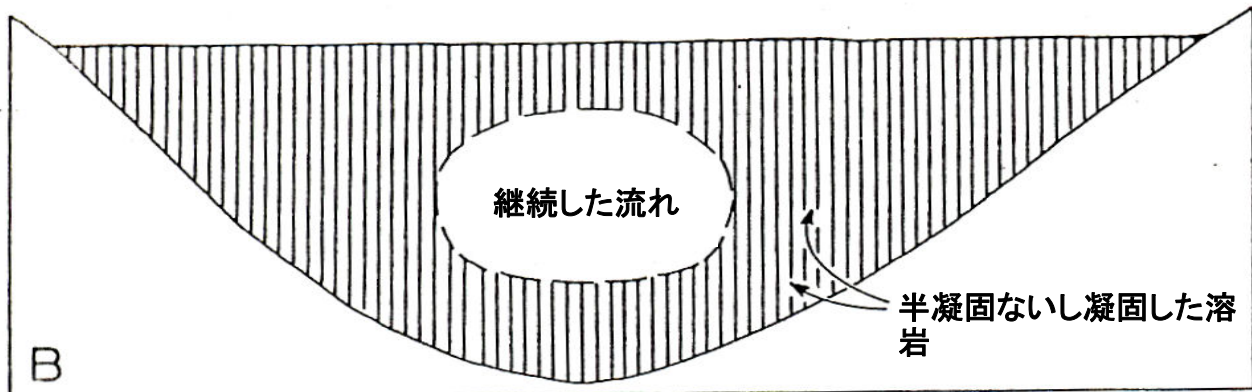
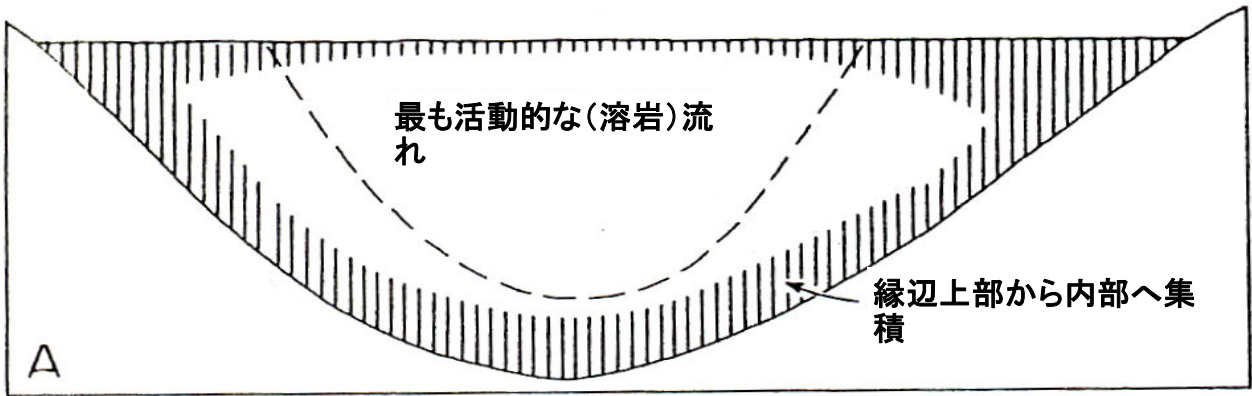


火山・溶岩洞窟の形成モデル

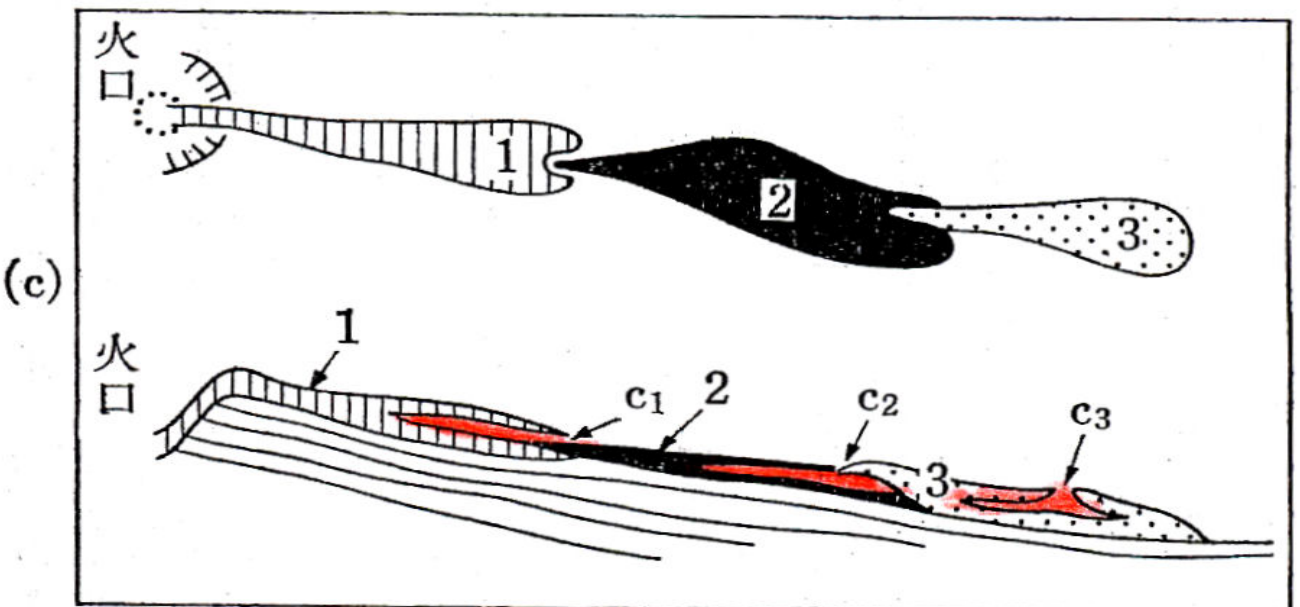
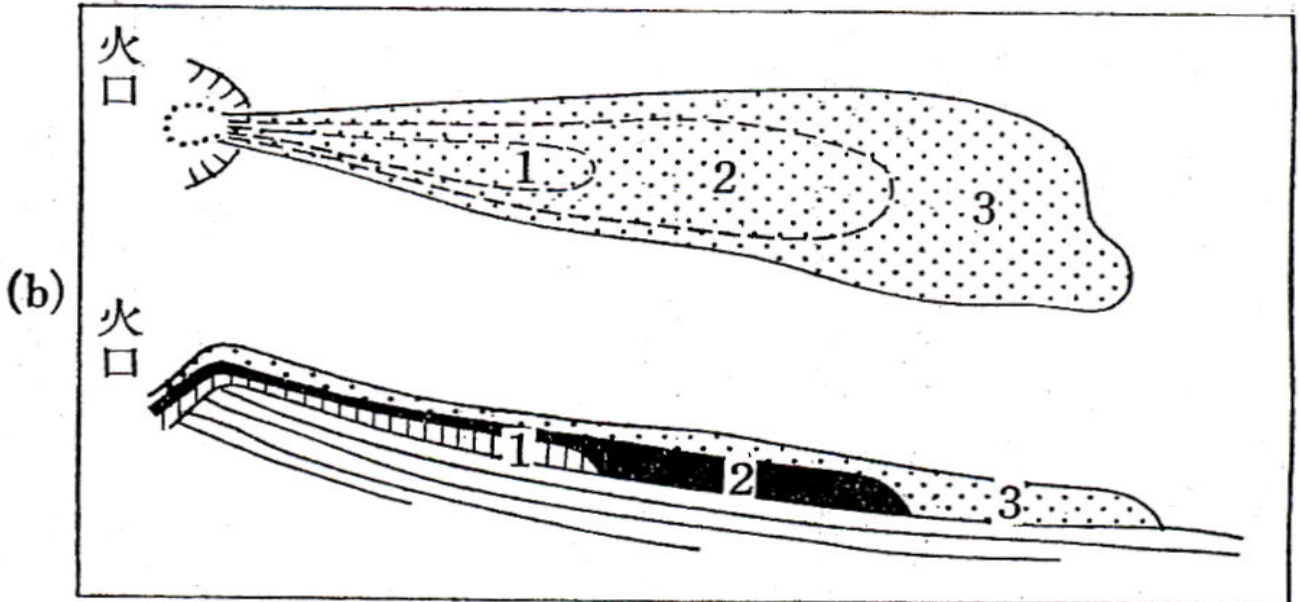
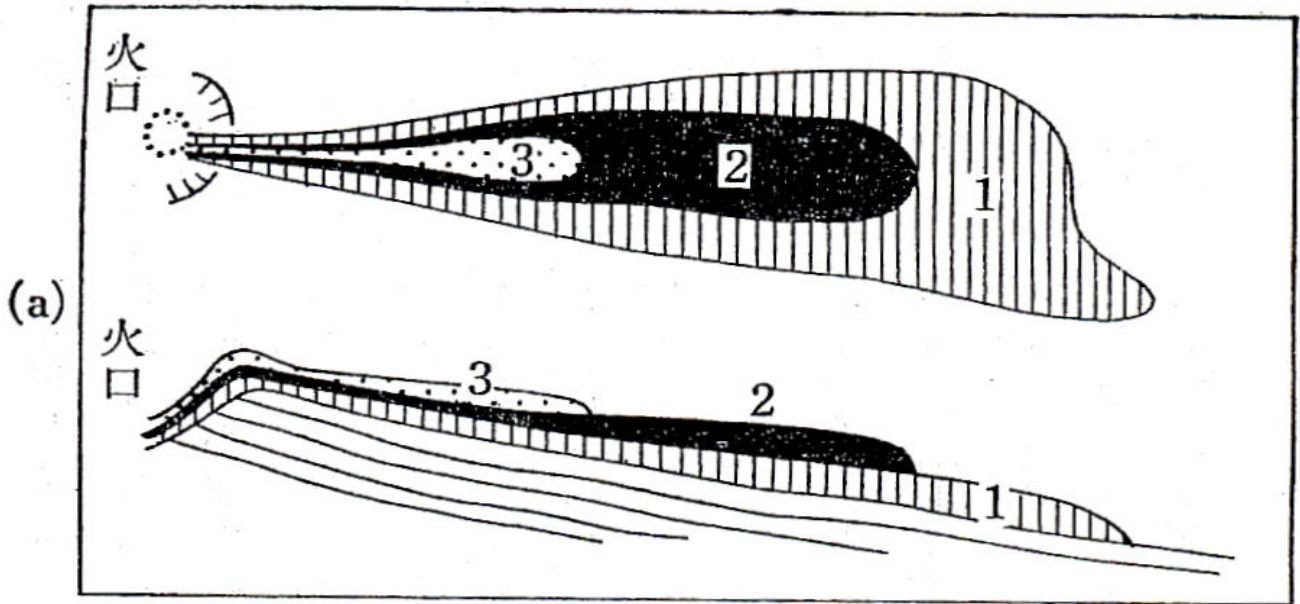
火山・溶岩洞窟の諸形態



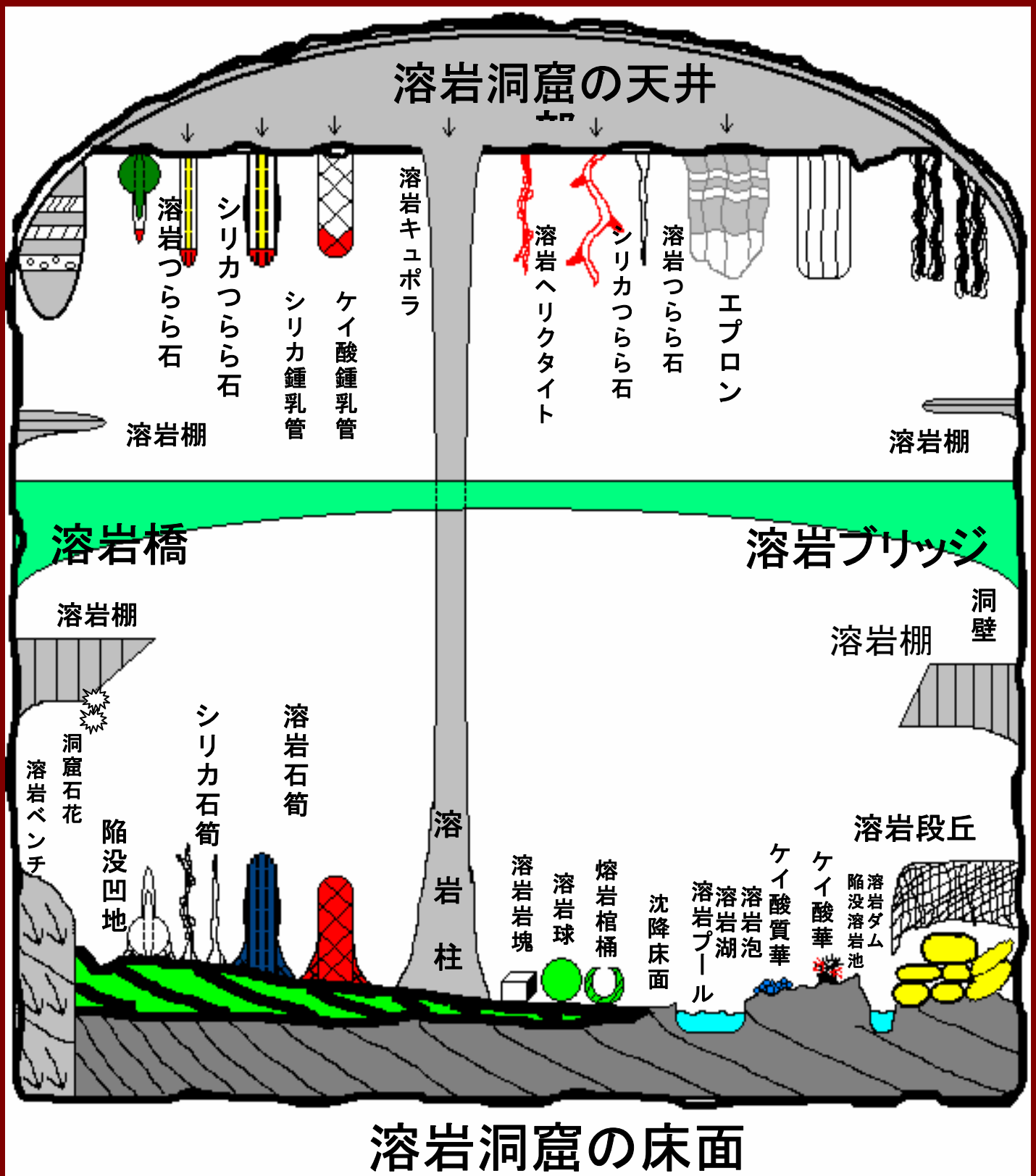
溶岩洞窟の形成モデル(Gordon.A et.al 1973)



溶岩洞窟の形成モデル(上野俊一・鹿島愛彦 1978)



溶岩洞窟内の2次オーダ地形の諸形態



陥没岩体