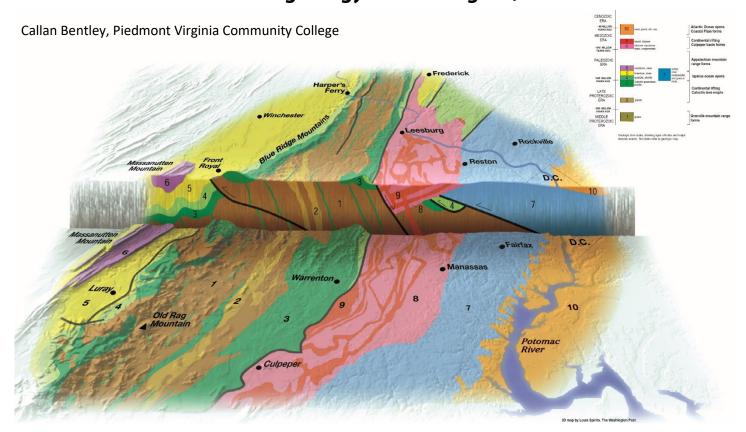
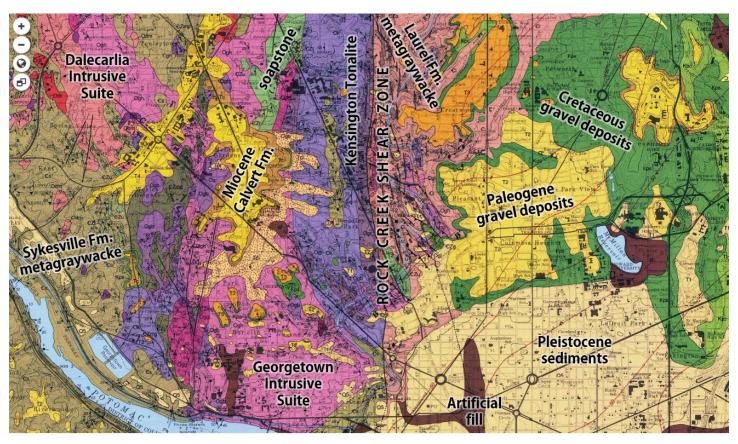
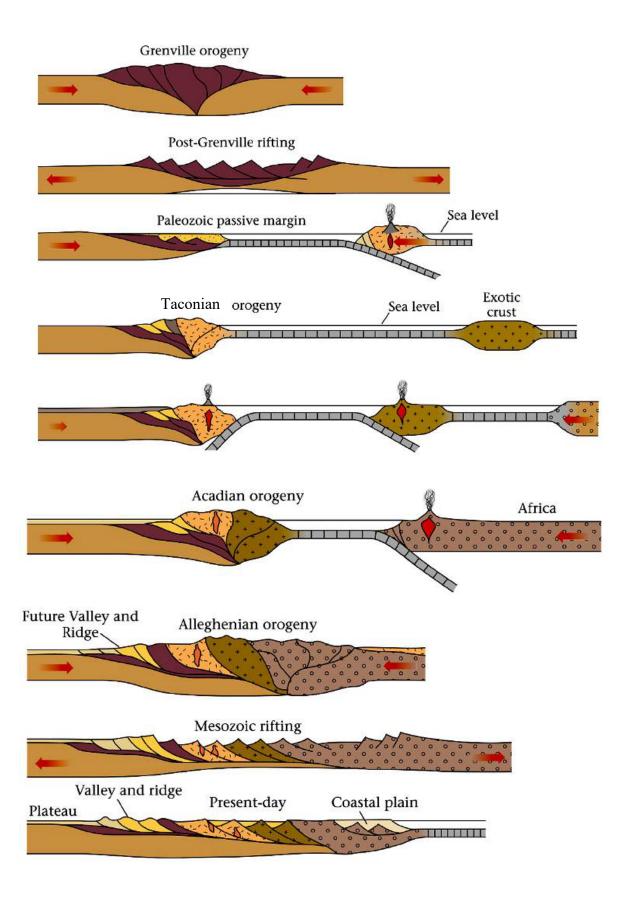
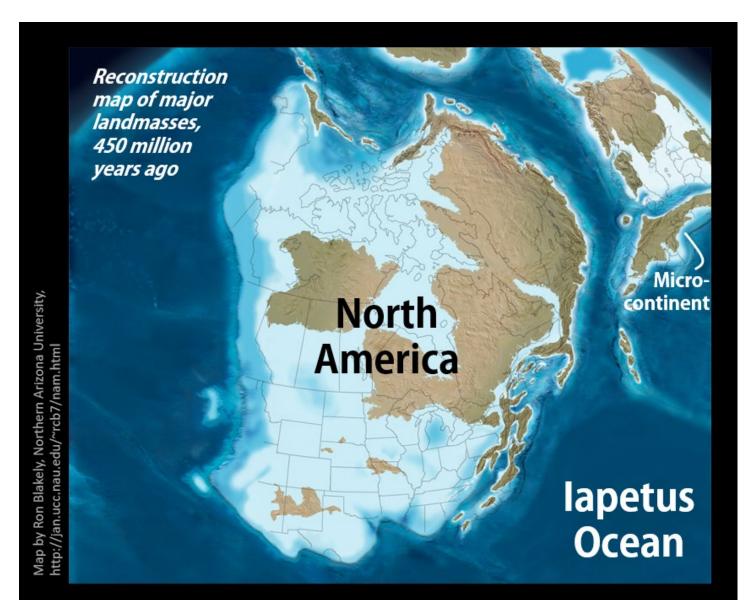
## Bedrock geology of Washington, D.C.

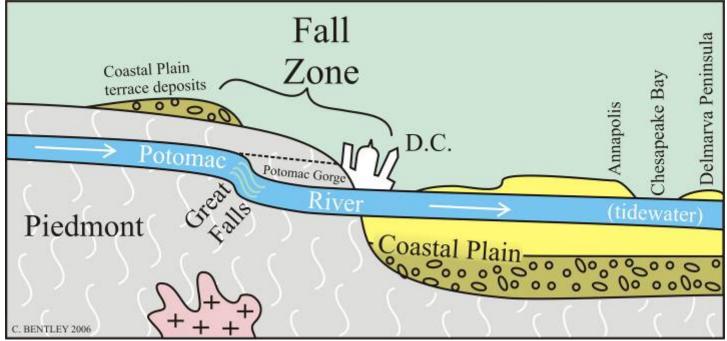


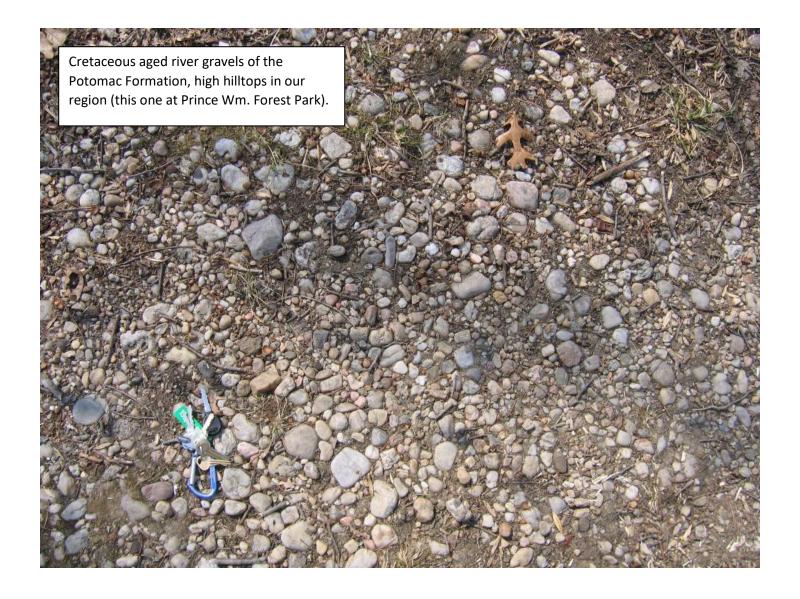
Washington Post (above) and Fleming, et al. (below)











A summary of **events** recorded in DC and the Mid-Atlantic region (with dates) AND PROVINCES that record the event particularly well:

Grenville Orogeny (1.2-1.0 Ga) BLUE RIDGE

Rifting of Rodina / opening of lapetus Ocean (700-560 Ma) BLUE RIDGE

Passive margin sedimentation (Cambrian – early Ordovician) VALLEY & RIDGE

Taconian Orogeny (~460 Ma, late Ordovician) METAMORPHIC PIEDMONT + VALLEY & RIDGE [DC]

Passive margin sedimentation (late Silurian – early Devonian) VALLEY & RIDGE

Acadian Orogeny (~360 Ma, late Devonian) METAMORPHIC PIEDMONT + VALLEY & RIDGE

Alleghanian Orogeny (~300 to ~250 Ma) METAMORPHIC PIEDMONT + VALLEY & RIDGE + BLUE RIDGE

Rifting of Pangaea / opening of Atlantic Ocean (200-180 Ma) TRIASSIC RIFT BASINS OF PIEDMONT

Passive margin sedimentation (Cretaceous to present) COASTAL PLAIN [DC]

Passive-aggressive margin faulting (sometime post-Miocene) COASTAL PLAIN/PIEDMONT UNCONFORMITY [DC]