

GEOLOGICAL FORMATIONS IN MARYLAND.

No.	Pennsylvania Nomenclature.	New York Nomenclature.	Nearest European-equivalent.	
1a.	Granite.....		Intrusive rocks.	* Non-fossiliferous.
b.	Syenite.....			
2.	Trap.....			
3.	Porphyry.....			
4.	Serpentine.....		Metamorphic.	
5a.	Gneiss.....			
b.	Mica slate.....			
c.	Hornblende slate.....			
6.	Talcose slates.....		Cambrian.	
7.	Roof slates.....			
8.	Primal slates and sandstones.....	Pottsdam sandstone.....	Silurian.	
9.	Primal, with epidote.....			
10.	Auroral limestone.....	Chazy and Black river limestone.....	Devonian.	
11.	Metamorphic limestone.....			
12.	Matinal slate and limestone.....	Trenton limestone, Utica slate, and Hudson river slates.....		
13.	Levant gray sandstone.....	Oneida conglomerate, Medina sandstone.....		
14a.	Surgent shales.....	Clinton group.....	Carbonifer. limestone. Coal formation. Lias or Trias. Cretaceous, or Upper Secondary.	
b.	Scalent shales.....	Onondago salt group.....		
15a.	Premeridian limestone.....	Water lime group.....		
b.	Meridian sandstone.....	Oriskany sandstone.....		
16a.	Cadent shales.....	Marcellus slate, Hamilton group, Genessee slate..	Tertiary.	
b.	Vergent shales.....	Portage flags, Ithaca group, Chemung group.		
17.	Ponent red shales and red sandstone.....	Catskill group.....	Post tertiary.	
18a.	Vespestine.....	Does not occur in N. York		
b.	Umbral shales and limestone..... do..... do..... do.....		
19.	Seral, or coal formation..... do..... do..... do.....		
20.	Mezozoic red sand shales and conglomerate..... do..... do..... do.....		
21.	Cretaceous, green sand, and clays.....	Not in Pennsylvania or N. York.....		
22.	Iron ore clays.....			
23.	Tertiary.....			
24.	Post tertiary.....			

(To face page 31.)