

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...	Potsdam sandstone.....		
9.	Primal, with epidote.....	Silurian.	
10.	Auroral limestone.....	Chazy and Black River limestone.....		
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.....		
b.	Scalent shales.....	Onondago salt group.....		
15a.	Premeridian limestone.....	Water lime group.....		
b.	Meridian sandstone.....	Oriskany sandstone		
16a.	Cadent shales.....	{ Marcellus slate, Hamilt'n group, Genessee slate... Portage flags, Ithaca group, Chemung group.		
b.	Vergent shales.....	Devonian.	
17.	Ponent red shales & red sandstone.....	Catskill group.....		
18a.	Vespestine	Does not occur in N. York	Carbonifer. limestone. Coal formation.	
b.	Umbral shales and limestone..	.....do.....do.....do.....	
19.	Seral, or coal formation.....	.....do.....do.....do.....	
20.	Mezozoic red sand shales and conglomeratedo.....do.....do.....		Lias or Trias.
21.	Cretaceous, green sand, and clays.....	Not in Pennsylvania or N. York	Cretaceous, or Upper Secondary.	
22.	Iron ore clays.....	.....	
23.	Tertiary	Eocene, Miocene Plioc'e'e } Tertiary.	
24.	Post tertiary.....		Post tertia'y