### Correlation Chart of Paleozoic Formations in Delaware River Basin and New Jersey

**System**
- **Carboniferous**
  - **Pennsylvanian**
    - **Upper**
      - **Uppermost Westphalian**
        - **Uppermost Westphalian**
          - **uppermost Westphalian**
        - **Uppermost Westphalian**
      - **Middle**
        - **Middle Pennsylvanian**
      - **Lower**
        - **Lower Pennsylvanian**
    - **Lower Westphalian**
  - **Lower Carboniferous**
    - **Lower Carboniferous**
      - **Lower Carboniferous**
  - **Upper Devonian**
    - **Upper Devonian**
      - **Upper Devonian**
  - **Middle Devonian**
  - **Lower Devonian**

**Province**
- **Piedmont Province**
- **New England Province**
- **Valley and Ridge Province**
- **Appalachian Plateau Province**
- **Eastern Pennsylvania**

**Formations**

#### Piedmont Province

- **Allegheny formation**
- **Potomac formation**
- **Mauk Chase formation**
- **Pedro formation**

#### New England Province

- **Shawangunk conglomerate**
- **Pettengill conglomerate**

#### Valley and Ridge Province

- **Muhlenbergia inc. of Wilcox (1905)**
- **Marcellus shales**
- **Onondaga limestones**
- **Eopus shales**
- **Okyan sandstones**
- **Helderberg group**

#### Appalachian Plateau Province

- **Mount Pisgah red sandstone member**
- **Ellicottville formation**
- **Helderberg group**
- **Shawangunk formation**
- **Green Pond conglomerate**

### Notes
1. Although generally assigned to the Pennsylvania, increasing evidence indicates that the Devonian series is probably lower Pennsylvania. Locally the Pennsylvanian contains a considerable amount of pebbles in geologic rocks.
2. The Onondaga limestone overlies several formations and unconformably underlies formations as old as the Helderberg group.
3. The Allocinean limestone in New Jersey includes a correlation to the Helderberg formation and above the Helderberg group.
5. The Allocinean limestone in New Jersey includes a correlation to the Helderberg formation and above the Helderberg group.
6. Classification of the formations in eastern Pennsylvania not known.
7. Equivalent to Schoharie quartzite and possibly to the Carthage quartzite and Harpers Schist.
8. Classification of the formations in eastern Pennsylvania not known.

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*713-196 O - 64 (in pocket) No. 3*