

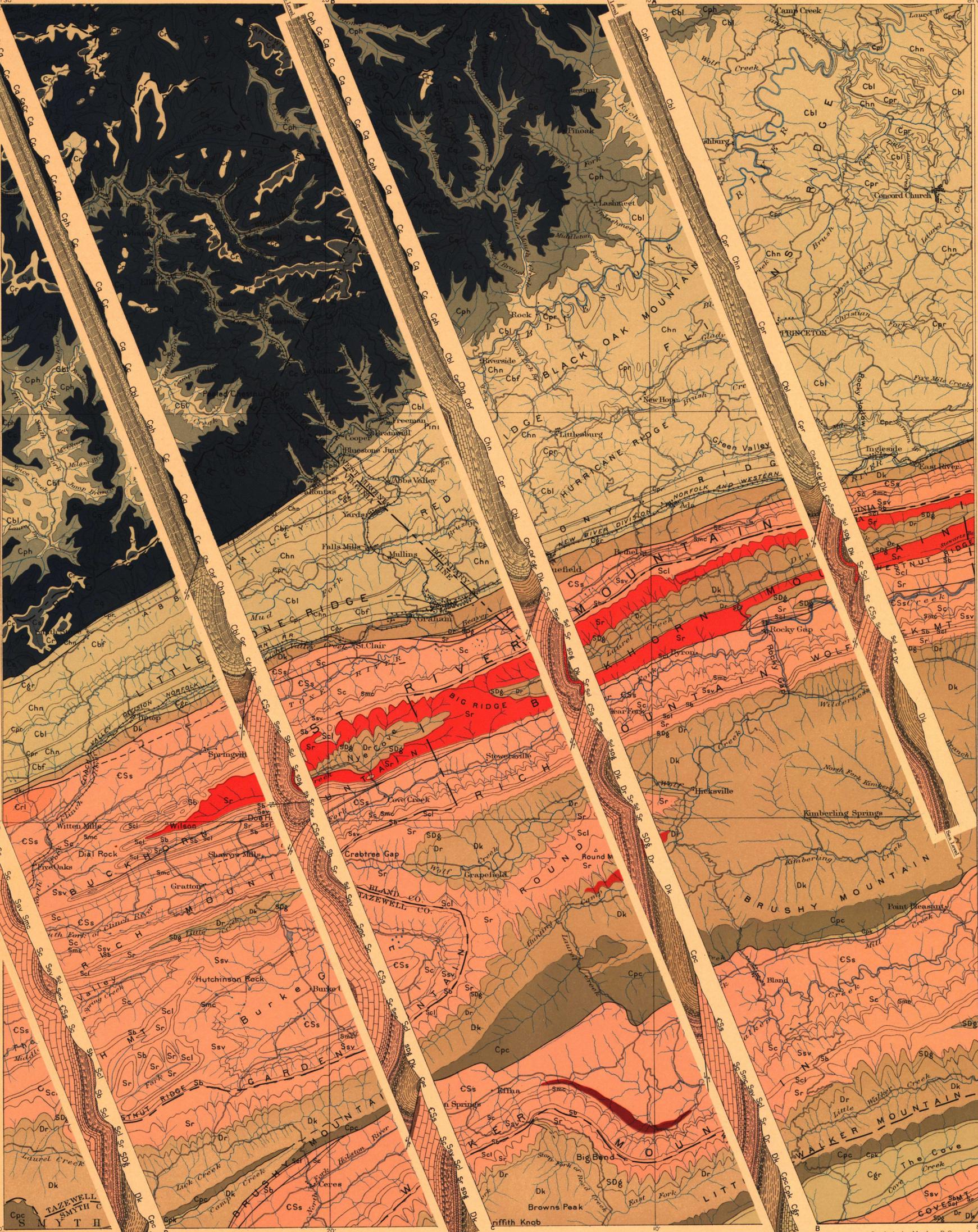
LEGEND
(continued)

SPECIAL SYMBOLS

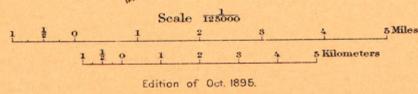
- Faults
- Known productive formations
- Sewell formation (overlying Pocahontas coal by 750 feet or more)
 - Quinimont shale and Clark formation (directly overlying Pocahontas coal)
 - Pocahontas formation (contains Pocahontas coal at the top)
 - Price sandstone (contains small coal seams)
 - Red hematite iron ore
 - Marble

- Sewell formation (massive shale with thin bedded sandstone with small coal seams)
- Raleigh shales (heavy bedded coarse sandstone)
- Quinimont shale (massive shale and thin bedded sandstone with several coal seams)
- Clark formation (heavy bedded sandstone at the top shales and sandstone in the lower portion)
- Pocahontas formation (Pocahontas coal at the top; shales and sandstone with coal seams in the lower portion)
- Bluestone formation (red and green shale, sandstone and impure limestone)
- Princeton conglomerate (massive coarse sandstone conglomerate, sandstone calcareous)
- Hinton formation (red and green shale and sandstone with heavy sandstone at the base)
- Bluefield shale (massive shale at top grading downward into heavy sandstone; fossiliferous shale)
- Greenbrier limestone (blue limestone, shaly at the top, shaly and shaly at the bottom)
- Pulaski shale (red shale)
- Price sandstone (shaly and heavy sandstone containing coal seams)
- Kimberling shale (grading from sandstone and conglomerate at the top to shaly shale at the bottom)
- Romney shale (black shale)
- Giles formation (green or yellow sandstone and black heavy limestone)
- Rockwood formation (shaly and sandstone, contains red hematite iron ore)
- Church sandstone (massive white heavy bedded sandstone)
- Bays sandstone (red sandstone and shale)
- Sewier shale (massive at the top grading into shaly shale at the bottom)
- Moccasin limestone (red and green impure limestone)
- Chickamanga limestone (blue limestone)
- Shenandoah limestone (grey dolomite generally heavy bedded)
- Russell formation (red and green, sandy shales and impure limestone)

CARBONIFEROUS
DEVONIAN
SILURIAN
CAMBRIAN



Henry Gannett, Chief Topographer.
Gilbert Thompson, Chief Geographer in charge.
Triangulation by J.H. Gore.
Topography by A.E. Murlin.
Surveyed in 1892.



Geology by Marius R. Campbell.
Assisted by David White.
Surveyed in 1893.