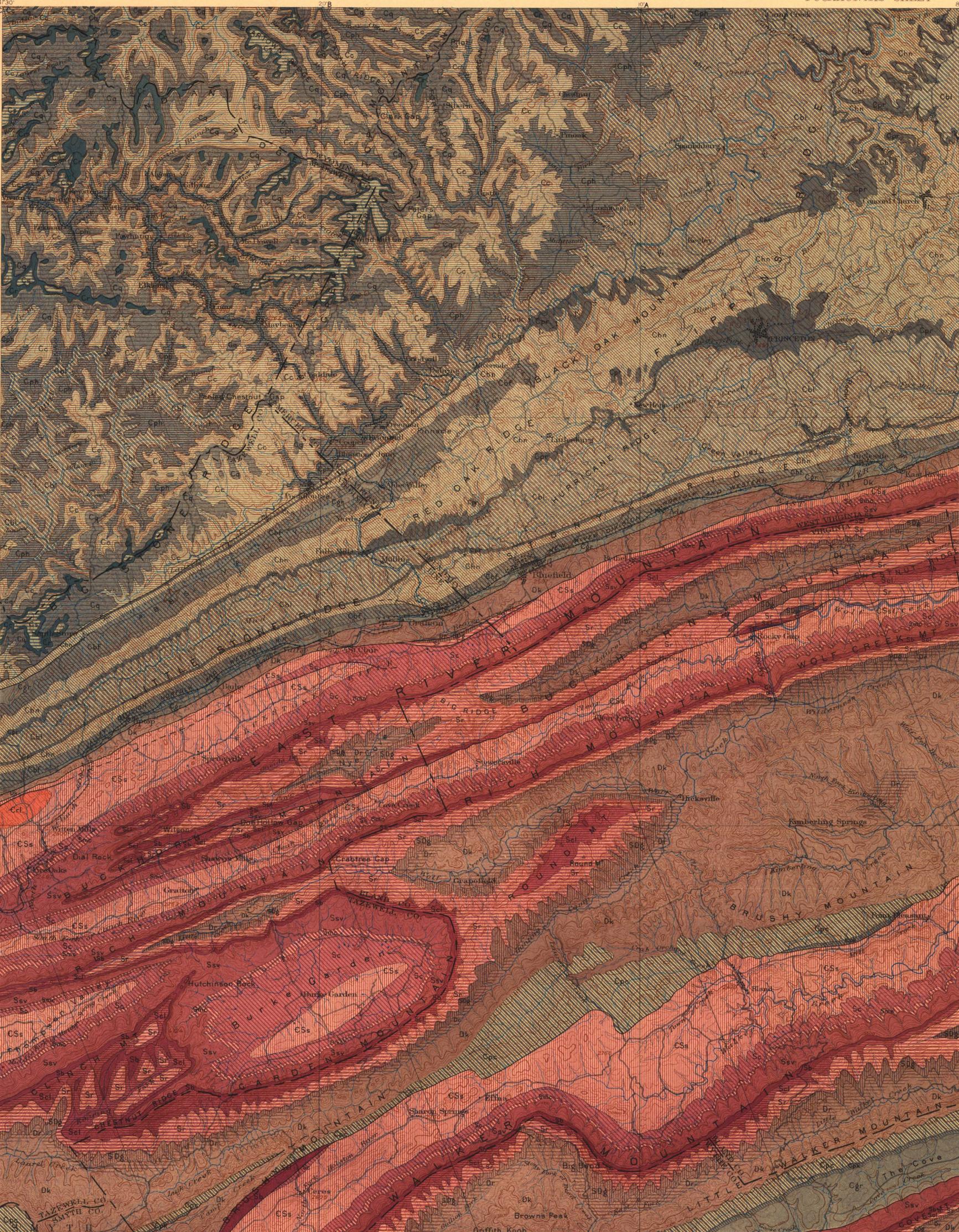


LEGEND  
(continued)

SPECIAL SYMBOLS

Faults



- (Areas of Sedimentary rocks are shown by patterns of parallel lines.)
- Ca**  
Sewell formation  
(sand shale and thin bedded sandstone with small coal seams)
  - Cr**  
Raleigh sandstone  
(heavy bedded coarse sandstone)
  - Cq**  
Quinnipont shale  
(sandy shale and thin bedded sandstone with small coal seams)
  - Cc**  
Clark formation  
(heavy bedded sandstone with top shales and coal seams with coal seams in the lower portion)
  - Cph**  
Pocahontas formation  
(sandstone coal at the top; shales and sandstone with coal seams in the lower portion)
  - Cbl**  
Bluestone formation  
(red and green shale, sandstone and limestone)
  - Cpr**  
Princeton conglomerate  
(massive coarse sandstone or conglomerate, sometimes calcareous)
  - Chn**  
Hinton formation  
(red and green shale and sandstone at the base)
  - Cbf**  
Bluefield shale  
(sandy shale at top grading downward into blue and black shaly rocks shale)
  - Cgr**  
Greenbrier limestone  
(blue limestone shaly at the top and heavy bedded and cherty at the bottom)
  - Cpk**  
Pulaski shale  
(red shale)
  - Cpc**  
Price sandstone  
(shales and sandstones containing coal seams)
  - Dk**  
Kimberling shale  
(greenish brown sandstone and conglomerate at the top, green and black shale at the bottom)
  - Dr**  
Romney shale  
(black shale)
  - SDg**  
Giles formation  
(green or yellow sandstone and blue shaly limestone)
  - Sr**  
Rockwood formation  
(shale and sandstone, containing thin layers of red hematite iron ore)
  - Scf**  
Clinch sandstone  
(coarse white heavy bedded sandstone)
  - Sb**  
Bays sandstone  
(red sandstone and shale)
  - Ssv**  
Sevier shale  
(sands at the top grading into blue calcareous shale at the bottom)
  - Smo**  
Moccasin limestone  
(red and green impure limestone)
  - Sc**  
Chickamauga limestone  
(blue limestone)
  - CSs**  
Shamrock limestone
  - CrI**  
Russell formation  
(red and green, sandy shale and impure limestone)

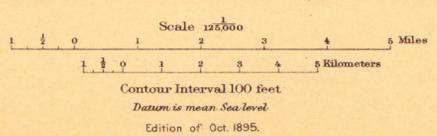
CARBONIFEROUS

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.