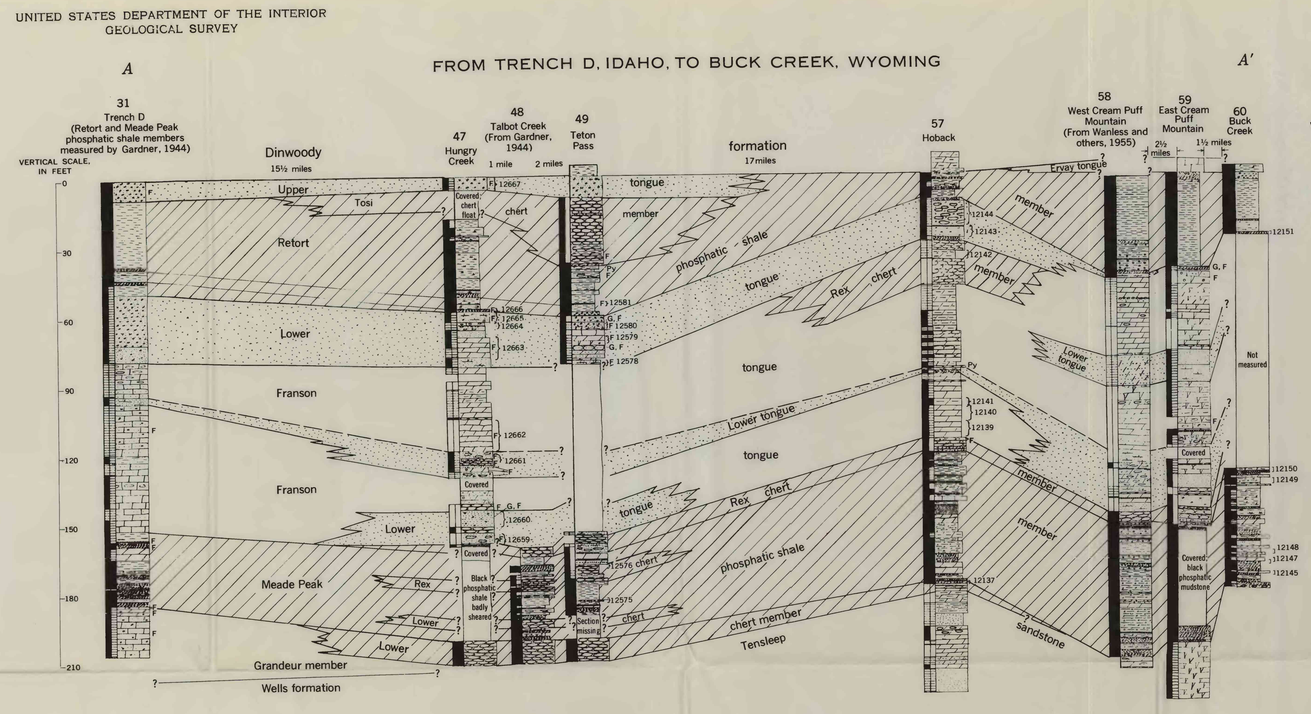

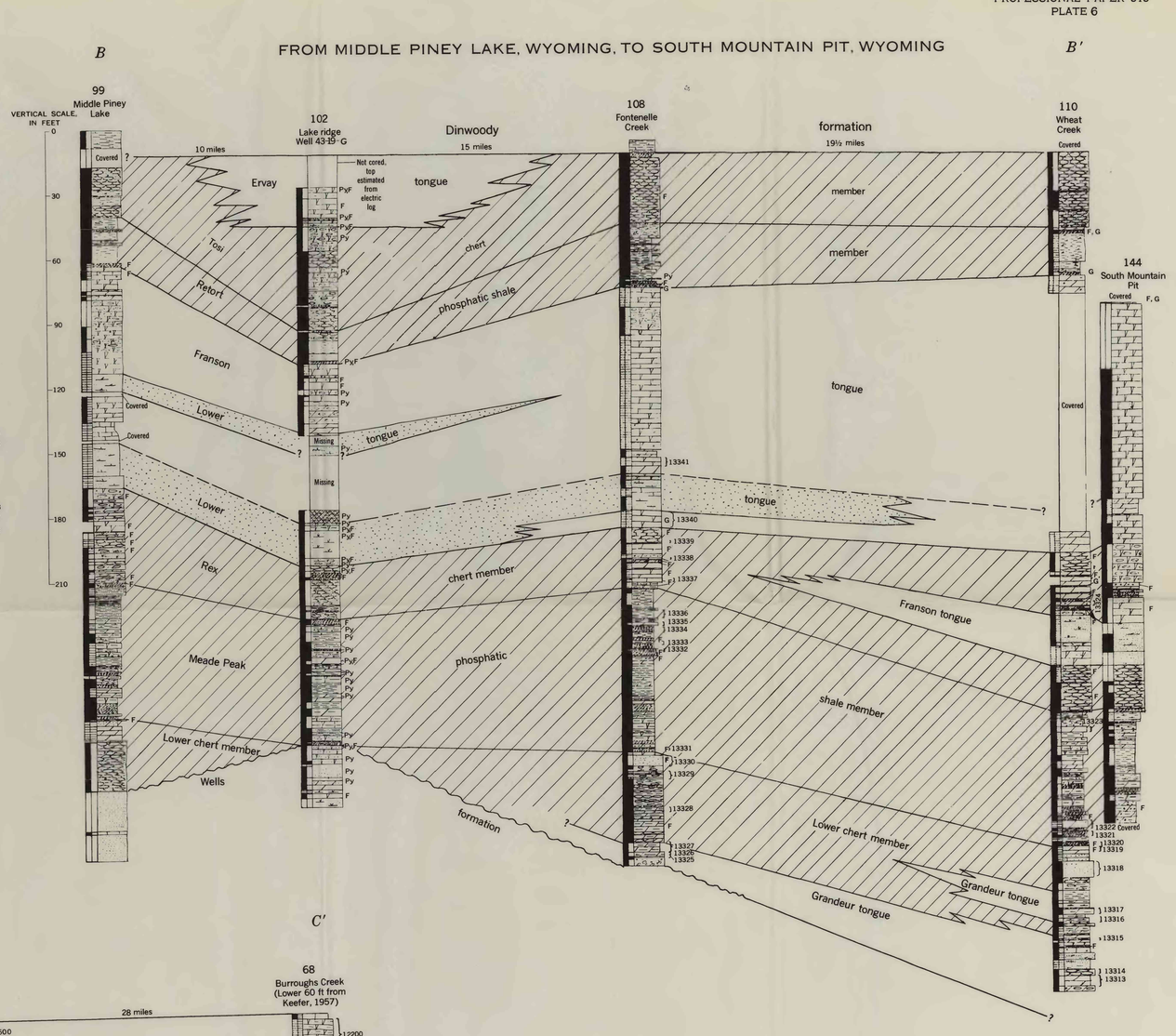

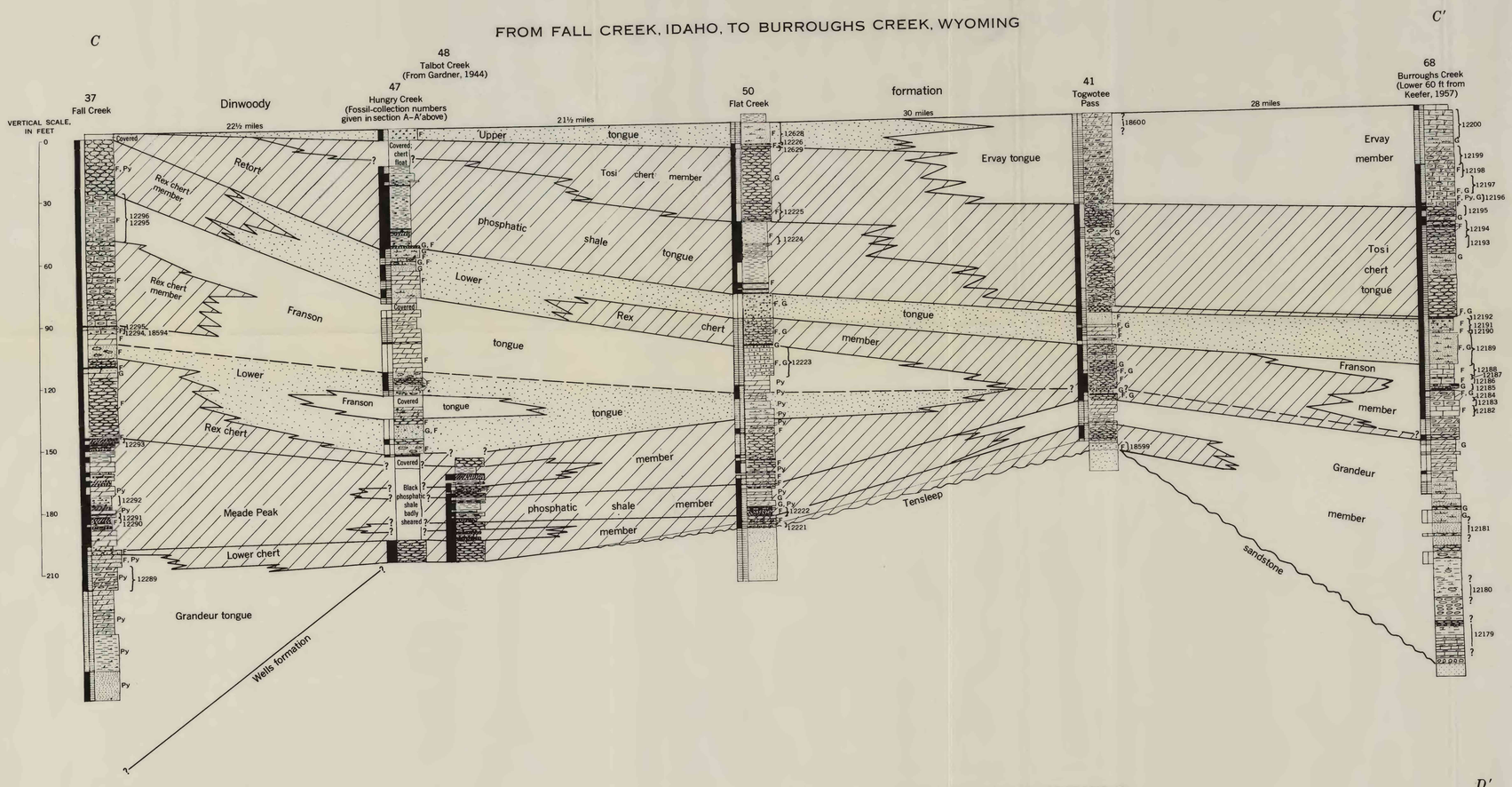

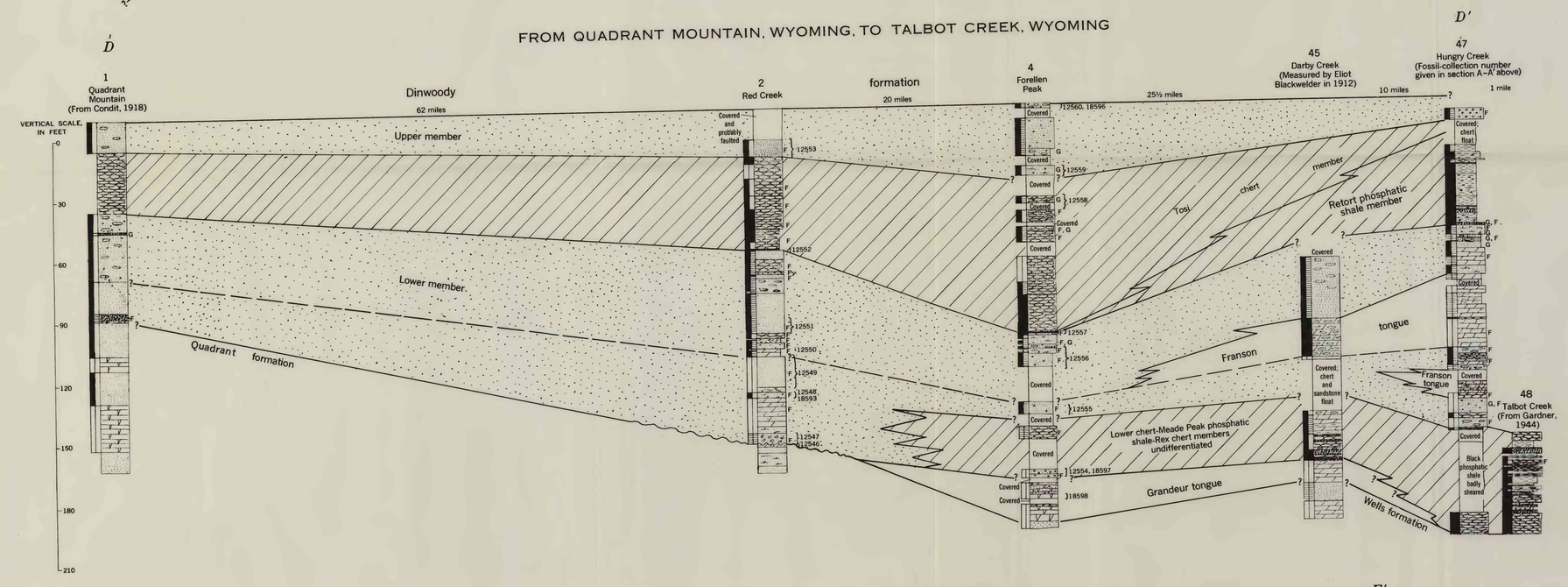

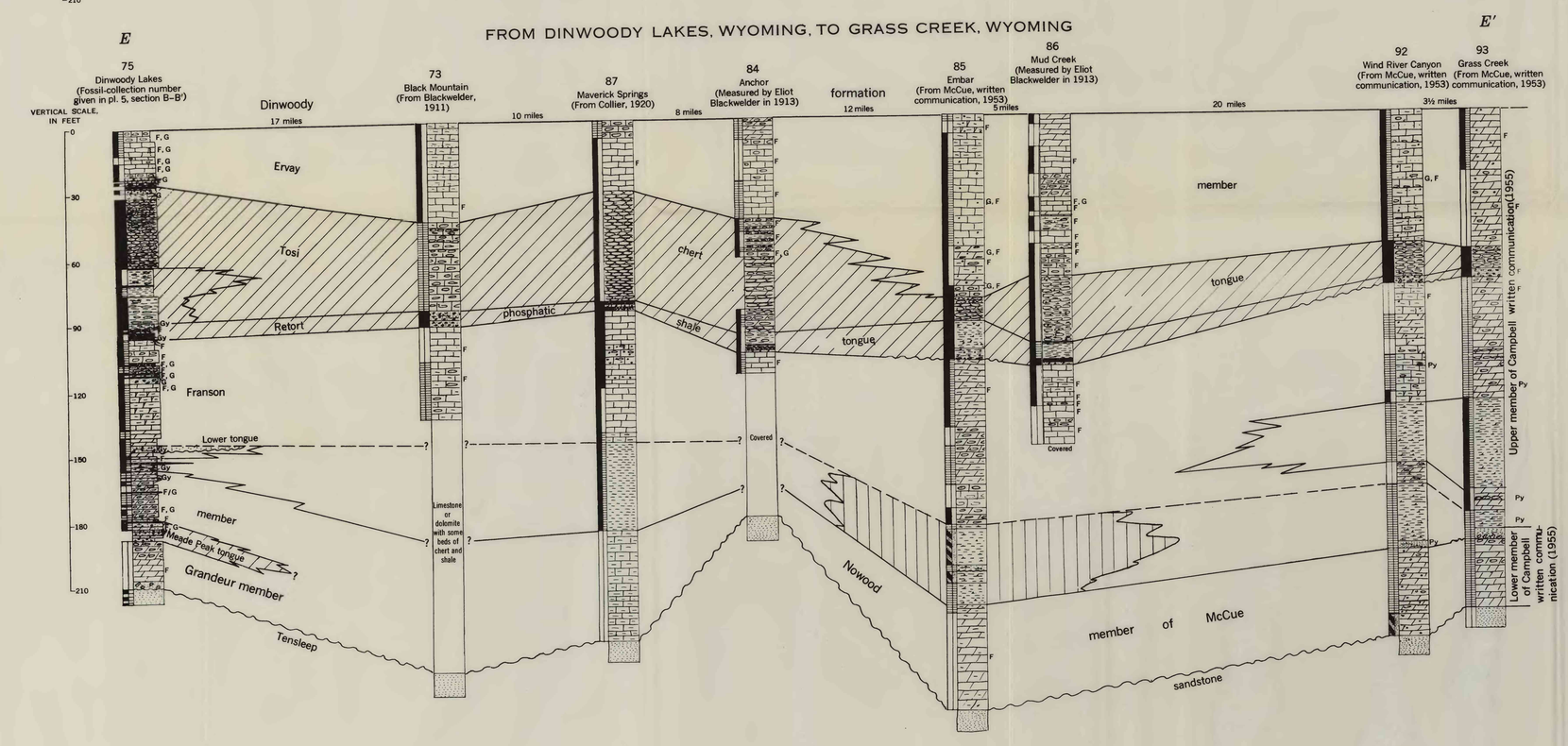

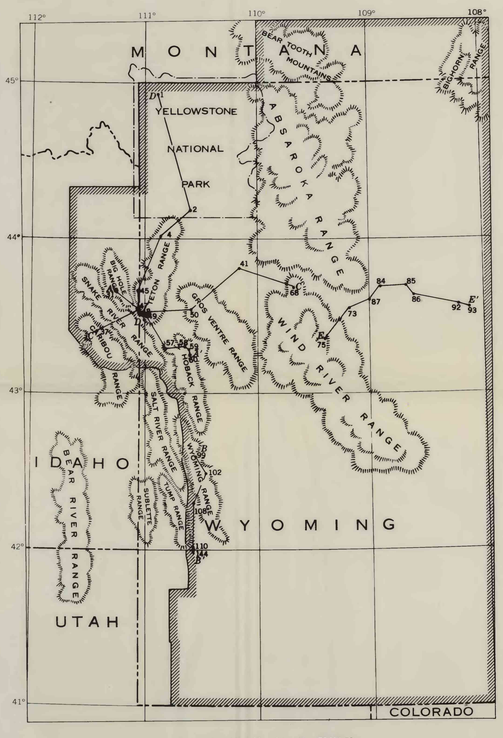

INDEX MAP SHOWING LOCATION OF AREA OF STUDY AND SECTIONS USED IN CORRELATION

EXPLANATION

CORRELATION LINES

Member and formation contact
Queried where correlation is uncertain; undulate where contact is disconformable

Bed contact
Queried where correlation is uncertain; undulate where contact is disconformable

Contact between upper and lower cycles

COLOR
At left of column; used where data are available

- Dark gray, black, brownish black
- Medium gray
- Light gray, white
- Moderate brown, brownish gray, yellowish brown, olive gray, olive brown
- Yellowish white, very pale orange, yellowish gray, grayish yellow
- Orange, yellowish orange, weak yellowish orange
- Reddish brown, grayish red, pink

MINOR CONSTITUENTS
At right of column

G, glauconitic
Py, pyritic
Gy, gypsiferous or anhydritic
F, fossiliferous

12195
Fossil-collection number and interval collected
At right of column

Phosphoria formation
Includes lower chert, Meade Peak phosphatic shale, Rex chert, Retort phosphatic shale, and Tosi chert members

Park City formation
Includes Grandeur, Franson, and Ervay carbonate-rock members, and Nowood member of McCue (written communication, 1958)

Shedhorn sandstone
Includes lower and upper tongues

Goose Egg formation (Burk and Thomas, 1956)
Includes red-bed tongue probably equivalent to the Opeche shale

ROCK HARDNESS
Used where data are available

- Soft
- Medium hard
- Hard

ROCK NAMES

Carbonate rock, Limestone, Dolomite, Sandstone, Chert, Mudstone, Siltstone, Phosphorite, Conglomerate

ADJECTIVES
Symbols used in combination with those in column at left

Carbonatic, Calcareous, Dolomitic, Sandy, Cherty, Argillaceous, Silty, Phosphatic, Slightly phosphatic, Conglomeratic

CORRELATION OF ROCKS OF PERMIAN AGE, IDAHO AND WYOMING

665-381 O - 63 (In envelope)