



Tidwell Member— Interbedded, dark-gray mudstone, thin to thick (<5 ft) beds of buff to light-gray crossbedded sandstone, and gray, hard, dense, micritic limestone. Basal 3- to 4-ft thick, medium grained to granule-conglomeritic sandstone bed marks the regional J-5 unconformity. Unit is about 140 ft thick and structurally thins at monocline folds.

- Carraro, P.E., 2001, Geologic map of the Palisade quadrangle, Mesa County, Colorado: U.S. Geological Survey MF-2326, scale 1:24,000.
- Cole, R.D., Young, R.G., and Willis, G.C., 1997, The Prairie Canyon Member, a new unit of the Upper Cretaceous Mancos Shale, west-central Colorado and east-central Utah: *Utah Geological Survey Miscellaneous Publication* 97-4, 23 p.
- Guadalupe, J.L., Geologic map of the Westwater 30' x 60' quadrangle, Grand and Uinta counties, Utah and Garfield and Mesa counties, Colorado: U.S. Geological Survey Map 1-1765, scale 1:100,000.
- Heyman, O.G., 1983, Distribution and structural geometry of faults and folds along the northwestern Uncompaghe Uplift, western Colorado and eastern Utah, in Averett, W.R., Northern Colorado Basin-Uncompaghe Uplift: *Grand Junction Geological Society* 1983 Field Trip, p. 45-57.
- Heyman, O.G., Hanton, P., and White-Heyman, M., 1986, Laramide deformation of the Uncompaghe Plateau—Geometry and Mechanisms, in Stone, D.S., ed., *New Interpretations of Northwest Colorado Geology: Rocky Mountain Association of Geological Guidebook*, p. 65-76.
- Kirkland, J.I., 2006, *Fruita Paleontological Area (Upper Jurassic, Morrison Formation) Western Colorado: an example of terrestrial taphofacies analysis*, in Foster, J.R. and Lucas, eds., *Paleontology and Geology of the Upper Jurassic Morrison Formation: New Mexico Museum of Natural History and Science Bulletin* 36, p. 67-95.
- Livaccari, R.F., 1997, Laramide-Age Left-Lateral Strike-Slip Deformation along the Northern Uncompaghe Plateau, western Colorado: *Geological Society of America Abstracts with Programs* V. 39, no. 6, p. 195.
- Livaccari, R.F., Nelson, M., and Hodge, J., 2008, Geologic map of the Bull Canyon area of the Uncompaghe Plateau, western Colorado: Department of Physical & Environmental Science, Colorado Mesa University, Grand Junction, CO, unpublished EDMAP, scale 1:18,000.
- Livaccari, R.F. and Hodge, J., 2009, Geologic map of the Fruita quadrangle, Mesa County, Colorado: *Geological Survey Open-File Report* 09-04, scale 1:24,000.
- Lahman, S.W., 1963, Geology and artesian water supply of the Grand Junction area, Colorado: *U.S. Geological Survey Professional Paper* 541, 149 p. + 2 plates.
- Mereower, E.A., Sawyer, D.A., and Cobban, W.A., 2006, Molluscan fossils and stratigraphic descriptions from the Upper Cretaceous Mancos Shale, west-central Colorado: *U.S. Geological Survey Open-File Report* 2006-1326, 17 p.
- Molenar, C.M., and Cobban, W.A., 1991, Middle Cretaceous stratigraphy on the south and east sides of the Uinta Basin, Northeastern Utah and northwestern Colorado: U.S. Geological Survey Bulletin 1787-B, 34 p.
- O'Sullivan, R.B., and Phipps, G.N., 1983, Stratigraphic sections of Middle Triassic Entrada Sandstone and related rocks from Dewey Bridge, Utah, to Bridgport, Colorado: U.S. Geological Survey Oil and Gas Investigations Chart OC-122.
- O'Sullivan, R.B., 2004, Stratigraphic sections of Middle Jurassic San Rafael Group and related rocks from Bridgport to Ouray in western Colorado: U.S. Geological Survey Scientific Report Map 2849, 1 sheet.
- Scott, R.B., Harding, A.E., Hood, W.C., Cole, R.D., Livaccari, R.F., Johnson, J.B., and Dickerson, R.P., 2001, Geologic map of the Colorado National Monument quadrangle and the Colorado National Monument, Mesa County, Colorado: U.S. Geological Survey, *Geologic Investigations Series*, I-2740.
- Scott, R.B., Carraro, P.E., Hood, W.C., and Murray, K.E., 2002, Geologic map of the Grand Junction quadrangle, Mesa County, Colorado: U.S. Geological Survey MF-2363, scale 1:24,000.