

L. Pennsylvanian
Marble Falls fm.

27-T-5
(Burnet County)

Extensive exposures of Marble Falls limestone along north bank of Colorado River, downstream from the bridge past old Alexander dam. Type locality for the formation.

Type locality for--

Endothyra distensa Plummer, U.T.Bull. 4401, p. 239, pl.16, figs.9-11,
1945.

(Plummer & Vas. 1363 + 1364)

Mississippian
Chappel fm.

27-T-12
(Burnet County)

"Chappel limestone cropping out on the south side of Colorado River about $\frac{1}{4}$ mile east of the highway bridge at Marble Falls. * * The Chappel formation consists of impure crinoidal limestone and greenish calcareous shale, its thickness in this area ranging from a feather edge to a maximum of about 7 feet. The average thickness of the Chappel beds near Marble Falls is only a couple of feet, and the maximum thickness noted represents local fillings of depressions in the subjacent Ellenberger limestone. The fossil crinoids were collected from shaly Chappel beds in ~~x~~ such a pocket at a point about one-fourth mile east of the highway, near the site of an old dam and about halfway up the steep bare rock valley south of the river". Moore and Ewers, 1942.

Type locality for--

x Synbathocrinus texasensis Moore & Ewers, Denison Univ. Bull., Jour. Sci. Lab., vol.37, pp.92-106, text.figs. 1-27, 1942.

Mississippian
Barnett formation

27-T-20
Excellent exposures of Barnett shales overlying (Burnet County)
Chappel, in valley of Pillar Bluff Creek (called
Sulphur Creek by Roundy), just south of Llano
road, $5\frac{1}{2}$ miles by road southwest of Lampasas.

Map loc., UT. Publ. 4329, pl. 1, 1950)

Type locality for--

- × Polygnathus taffi Roundy, P.P. 146, p. 13, 1926. (Roundy's locality, USGS 7016, places this in Lampasas County, but the well-known and only exposure of Barnett at this distance southwest of Lampasas is just over the line in northern Burnet County. The exact position of his sample studied is unknown and may well correspond to the Bureau locality 27-T-21, which is merely a few hundred feet to the south in the same outcrop.)
- ✓ p. 3, fig. 11,

Lower Pennsylvanian
Marble Falls fm.

Steep face of Marble Falls limestone
south (X) side of Colorado River and
about 150 feet downstream from the
bridge at Marble Falls. (Columnar section,
U.T. Publ. 4329, p. 56, fig 13, 1950; descriptive
section, idem, p. 50. *Waples* J.P., pp 151, fig 1, 1947.)
Waples 1947, p. 21

27-T-26
(Burnet County)

Type locality for--

- x Millerella marblensis Thompson, Amer. Jour. Sci., vol.240,
p.405, pl. 1, figs. 3-14, 1942.
- x Nankinella plummeri Thompson, J.P., vol.21, p.155, pl.32, figs.11-16,
pl.33, figs.10, 11, 1947.

Lower Pennsylvanian
Marble Falls fm.

Steep face of Marble Falls limestone, near

27-T-20
(Burnet County)
Description

(Name)

No.

(System)

(Formation)

(Member)

(Locality)

X