

**Sta. 57-T-2.** Middle Taylor formation in roadside bank close to underpass at Missouri Kansas and Texas Railroad on the Dallas-Greenville highway about one mile east of Rowlett. These clays carry a rich fauna, from which tests of *Kyphopyxa christneri* (Carsey) are here figured. This outcrop is the type locality for two species of ostracods, *Paracypris angusta* Alexander and *Krithe cushmani* Alexander (Univ. Texas Bull. 2907, Sta. 49).

(Univ. Texas Bull. 3101, p.118, 1931)

**Station 49.** (Dallas County.)—An exposure of lower Taylor marl, very near the base of the formation, occurs on the Garland-Rockwall road, 0.7 mile east of Rowlett, where the highway runs beneath the tracks of the Missouri, Kansas & Texas Railroad. The exposure is in a low slope just north of the road and just west of the railroad trestle. The clays are yellowish in color and contain a rich lower Taylor microfauna. This is the type locality for *Paracypris angusta* n. sp., and *Krithe cushmani* n. sp.

(U.T. Bull. 2907, p. 42, 1929)

Type locality for —

- 4-37 × *Paracypris angusta* Alexander (U.T. Bull. 2907, p. 67, 1929)
- 4-9,11 × *Krithe cushmani* Alexander (U.T. Bull. 2907, p. 67, 1929)
- 6-6 × *Bairdia obliqua* Alexander (T. Pal., Vol. 1, p. 32, 1927)  
(Letter from Alexander, 7<sup>th</sup> May, '48, gives type locality)

Austin fm.

(Dallas County)

**Station 42.** (Dallas County.)—The upper Austin is exposed north-east of Dallas on the southern bank of a small stream that runs into White Rock Reservoir, 3.4 miles by road northeast of the White Rock dam, on the Dallas-Garland road. The exposure lies to the west of the concrete bridge that crosses the stream. A thin marl seam between massive chalk ledges occurs about 10 feet below road level. Concentrates from this marl seam contain a rich microfauna. This is the type locality for *Cytherella lobesa* n. sp., *C. austiniensis* n. sp., *Paracypris pulchella* n. sp., *Cythereis austiniensis* n. sp., and *C. dallasensis*.

(U.T. Bull. 2907)

Type locality for —

*Cytherella* <sup>= female</sup> *bullocki*{ *Cytherella bullocki* Alexander (J. Pal., vol. 6, p. 101, 1932— for *C. obesa* <sup>Bull 2907, p. 51  
1929</sup>) pl. 1  
{ *Cytherella austiniensis* Alexander (U.T. Bull. 2907, p. 51, '29; male of *C. bullocki*) pl. 3, 6.4-28 { *Paracypris pulchella* Alexander (U.T. Bull. 2907, p. 66, '29)7-11 { *Cythereis austiniensis* Alexander (U.T. Bull. 2907, p. 99, '29)8-8,9 { *Cythereis dallasensis* Alexander (U.T. Bull. 2907, p. 99, '29)

See Ann. Will  
Natl. vol. 13, p. 301  
pl. 28, figs. 3, 4

(Plummer Sta. 301)

Taylor group  
(Lower part)

226. Clay pit of Dallas Brick Co.,  $\frac{1}{2}$  mile west of Mesquite,  
Dallas County, Tex. H. J. Plummer.

(P.P. 206)

57-T-5

(Dallas County)



Type locality for--

- x ✓ Eouvigerina americana Cushman (C.C., vol. 2, p. 4, pl. 1, fig. 1, 1927)
- x ✓ Eouvigerina gracilis Cushman (idem, p. 5, pl. 1, fig. 2)
- x ✓ Bolivina clavata Cushman (idem, p. 87, pl. 12, fig. 5)

(Plummer Ma. 245)

Type locality for—

Eouvigerina americana Cushman (C.C., vol. 2, p. 4)  
Eouvigerina gracilis Cushman (C.C., vol. 2, p. 5)  
Bolivina clavata Cushman (C.C., vol. 2, p. 87)

Taylor group  
(Lower part)

217. Basal. Just above Austin-Taylor contact. East side of Buckner Boulevard, 2 feet below pavement, 0.1 mile north of intersection of U.S. Highway 80 and Buckner Boulevard near Buckner Orphans Home, east of Dallas, Dallas County, Tex. C. G. Lalicker. No. 28.

(P.P. 206)

57-T-6

(Dallas County)

Type locality for--

x Marginulina inconstans Cushman (C.C., vol. 14, p. 33, pl. 5,  
figs. 4-9, 1938)

Upper locality for -  
Marginulina inconstans Cushman  
(C.C., vol. 14, p. 33, 38)

Taylor group  
(Lower part)

224. Within 20 feet of base. At subway under Missouri-Kansas-Texas Railroad, Dallas road 1.5 miles east of Garland, Dallas County, Tex. L. W. Stephenson and W. P. Popenoe.

57-T-7

(Dallas County)

(P.P. 206)

Type locality for--

x Planoglobulina taylorana Cushman (C.C., vol.14, p.23, pl.4,  
figs.9, 10, 1938)

Type locality for -  
Planoglobulina taylorana Cushman (C.C., vol.14, p.23)

Austin group

311. Upper part. Road cut near top of north-facing hill 2.3 miles north of Dallas on Dallas-Sherman Highway about 100 yards south of gateway to Vickery Park, Dallas County, Tex. C. I. Alexander. No. 2417.

57-T-8

(Dallas County)



(P.P. 206)

Type locality for--

- ✗ Gaudryinella mollis Cushman (C.C., vol. 9, p. 53, pl. 6, fig. 6, 1933)  
✗ Frondicularia undulosa Cushman (C.C., vol. 12, p. 13, pl. 3,  
figs. 7-11, 1936)

Type locality for-

Gaudryinella mollis Cushman (C.C., vol. 9, p. 53)  
Frondicularia undulosa Cushman (C.C., vol. 12, p. 13)

Austin group

325. Middle part. Road cut north side of West Dallas pike 5.3 miles northeast of Austin-Eagle Ford contact at Chalk Hill, Dallas County, Tex. C. I. Alexander. No. 2404.  
(P.P. 206)

57-T-9

(Dallas County)

Type locality for--

x Rectogumbelina hispidula Cushman (C.C., vol.14, p.21, pl.3,  
figs.20-22, 1938)

Type locality for—  
Rectogumbelina hispidula Cushman (C.C., vol.14, p.21)

Austin group

344. Lower part. Cut on south side of U.S. Highway 80, 2 feet  
above sidewalk, opposite Catholic school 3.8 miles west  
of Union Station, Dallas, Dallas County, Tex. C. G.  
Lalicker No. 9.

57-T-10

(Dallas County)

(P.P. 206)

Type locality for--

x Planulina austinana Cushman (C.C., vol. 14, p. 68, pl. 12, fig. 2, 1938)

(Plummer Ills.)

Type locality for—

Planulina austinana (Cushman) (C.C., vol. 14, p. 68)