

PLATE 40

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<i>Homarus brittonestrus</i> Stenzel, n.sp., x2¼	425
1. Dorsal view of complete rostrum, syntype 4.	
2. Lateral view of compressed specimen, syntype 3.	
3. Lateral view of compressed specimen, syntype 1.	
4. Lateral view of compressed abdomen with 5 complete segments (2 to 6), syntype 2.	
5-7. Upper, outer, and inner surface of right manus, syntype 5.	
[D = distal, P = proximal end.]	
From California Crossing, north-facing bluff on right bank of Elm Fork of Trinity River upstream from and at Chicago, Rock Island & Pacific Railroad bridge, in southwest corner of Joshua McCants survey, on O'Connor dairy land, about 10 miles northwest of Dallas, Dallas County, Texas; Britton formation of Eagle Ford group, Gulf series, Cretaceous (lower Turonian or Salmurian).	
<i>Homarus davisi</i> Stenzel, n.sp., x1½	427
8. Dorsal view of obliquely flattened monotype, carapace and first 4 segments of abdomen (1-4).	
From California Crossing, north-facing bluff on right bank of Elm Fork of Trinity River upstream from and at Chicago, Rock Island & Pacific Railroad bridge, in southwest corner of Joshua McCants survey, on O'Connor dairy land, about 10 miles northwest of Dallas, Dallas County, Texas; Britton formation of Eagle Ford group, Gulf series, Cretaceous (lower Turonian or Salmurian).	

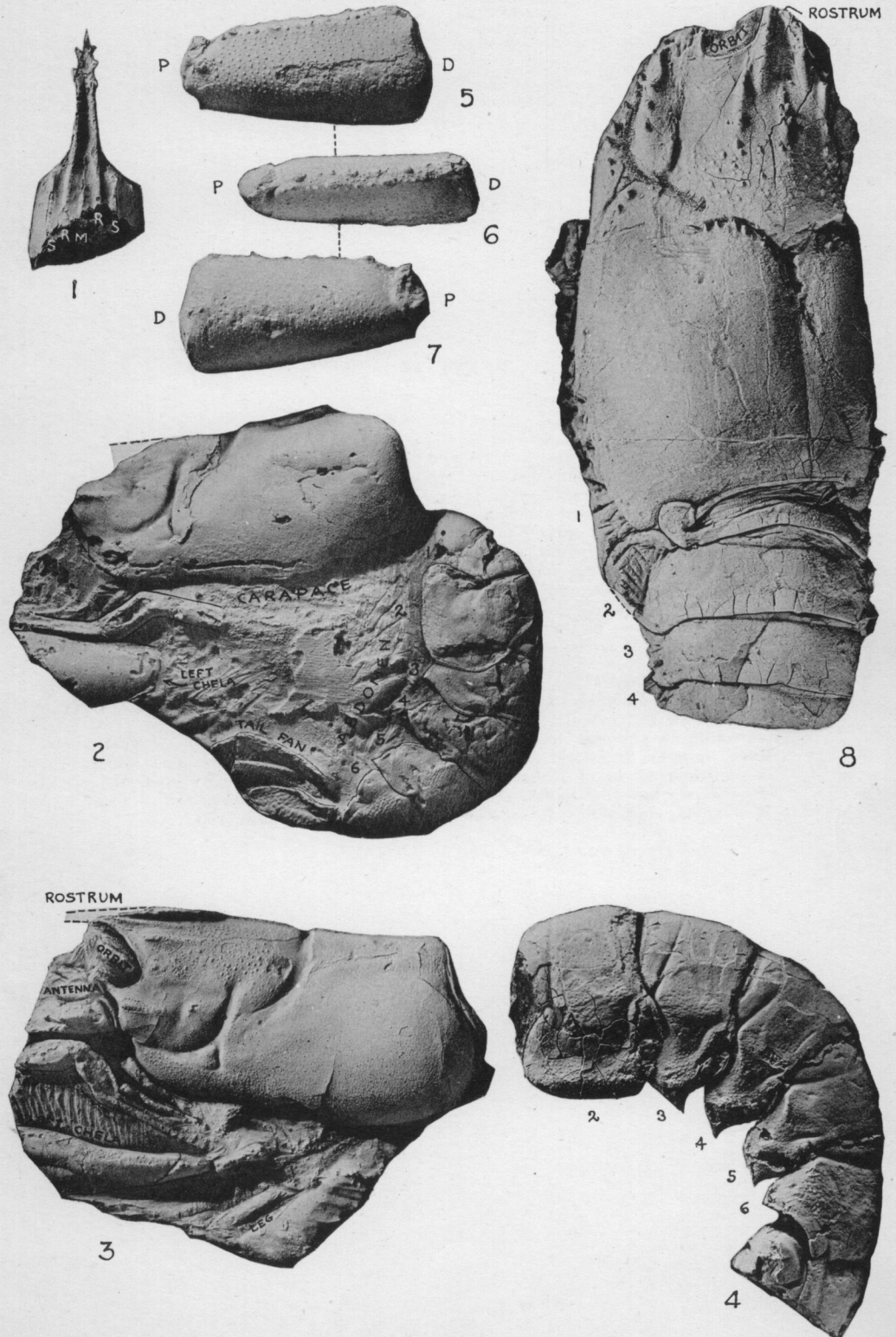


PLATE 41

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" <i>Nephrops</i> " <i>americanus</i> Rathbun, x2¼	429
1, 2. Outer and inner surface views of a right manus, specimen 1. From Watauga; slopes at the head of a short, right tributary to a wide, flat-bottomed branch which is a left tributary of Big Fossil Creek; 0.51 mile east of U.S. highway No. 377 or 0.40 mile east and 0.08 mile north of Watauga schoolhouse, northern Tarrant County, Texas (Bureau of Economic Geology locality No. 219-T-4); Pawpaw shale, Washita group, Comanche series, Cretaceous (upper Albian).	
3, 4. Inner and outer surface views of a left manus with stumps of the fingers, specimen 2. In figure 3 the upper margin of the manus is the bottom of the figure.	
5. Inner surface view of a left manus, specimen 3. From Watauga; gullies in pasture about 0.1 mile east and within sight of U.S. highway No. 377, Fort Worth-Denton road, opposite a Texas & Pacific Railroad trestle and 0.2 mile north of Watauga schoolhouse, northern Tarrant County, Texas (Bureau of Economic Geology locality No. 219-T-3); Pawpaw shale, Washita group, Comanche series, Cretaceous (upper Albian).	
6. Inner surface view of distal end of a left manus with the fingers complete and in place. Figures 5 and 6 are complementary and provide control for reconstruction of a complete left manus, although the two specimens do not belong to the same individual. This evidence is important for generic placement and correction of the fingers; see text. From high bluff opposite Cobb brick plant, 100 yards north of the Houston & Texas Central Railroad bridge on Sycamore Creek between Mansfield road and crossroad going east from Katy Lake; south-southeast of the center of Fort Worth, Tarrant County, Texas (collection numbers M541, G850, Texas Christian University); Pawpaw shale, Washita group, Comanche series, Cretaceous (upper Albian).	
<i>Necrocarcinus</i> (?) <i>ovalis</i> Stenzel, n.sp., x2¼	442
7-9. Dorsal, frontal, and right lateral views of carapace, monotype. From 3½ miles west of Cedar Hill, Dallas County, Texas (Bureau of Economic Geology Coll. No. 460); Eagle Ford group, Gulf series, Cretaceous (Turonian). Collected by Mr. Q. O. Gaither and submitted by Mr. V. V. Waite, Atlantic Oil Producing Company, Dallas, Texas.	
<i>Necrocarcinus</i> <i>scotti</i> Stenzel, n.sp., x5¾	445
10. View of outer surface of carpus and manus of left cheliped, monotype.	
11. Dorsal view of carapace, monotype. From above a muddy tank to the left of the Frisco Railroad tracks, 1 mile northeast of Denison, northeastern Grayson County, Texas (Texas Christian University Coll. No. M542, G852); Denton clay, Washita group, Comanche series, Cretaceous (upper Albian).	
<i>Necrocarcinus</i> <i>moseleyi</i> Stenzel, n.sp., x2¼	441
12. Dorsal view of incomplete carapace, monotype. From an ant hill located in the dell between two hills, of which the northern one is cut by State highway No. 114, about 2 miles northwest of Roanoke on highway No. 114 and about 200 feet south of the highway, Denton County, Texas; Pawpaw shale, Washita group, Comanche series, Cretaceous (upper Albian). Mr. Fred T. Moseley, collector.	