



CRUSTACEA FROM THE EOCENE, THE MIOCENE, AND THE PLIOCENE

## PLATE 24—CRUSTACEA FROM THE EOCENE, THE MIOCENE, AND THE PLIOCENE

FIGURES 1-11.—*Callianassa floridana* Rathbun, n.sp. Outer, upper, and lower views of left major dactyl, holotype,  $\times 2.16$ ; inner view of largest left major dactyl,  $\times 2.16$ ; outer, inner, lower, and upper views of right minor dactyl,  $\times 2.89$ ; outer, lower, and inner views of left fixed finger,  $\times 2.16$ ; Cat. No. 371469; from Chipola formation, Alum Bluff group, lower bed of calcareous red sand, on Apalachicola River, Liberty County, Florida. [See page 100.]

FIGURES 12-15.—*Paguristes chipolensis* Rathbun, n.sp. Inner and outer views of dactylus of right chela, holotype,  $\times 3.61$ , and inner and outer views of propodus of right ambulatory leg,  $\times 3.61$ , Cat. No. 371465; from Chipola formation, Alum Bluff group, one mile below Bailey's Ferry on Chipola River, from banks of river above white limestone bed, Calhoun County, Florida. [See page 105.]

FIGURES 16-19.—*Euprognatha*, sp. Inner, prehensile, and outer views of dactyl of left chela, and outer view of a dactyl of a larger worn left chela,  $\times 2.89$ , Cat. No. 371715; from upper Miocene, at Hosford [formerly Coes Mill], Liberty County, Florida. [See page 112.]

FIGURES 20-22.—*Callianassa suffolkensis* Rathbun, n.sp. Upper, outer, and inner views of right movable finger,  $\times 2.89$ , Cat. No. 166064; from Yorktown formation, 3 miles northeast of Suffolk, Nansemond County, Virginia. [See page 103.]

FIGURES 23-28.—*Callianassa matsoni* Rathbun, n.sp. Florida. [See page 102.]

23.—Outer view right palm and fixed finger, holotype,  $\times 1.44$ , Cat. No. 371470; Chipola formation, Sopchoppy, Wakulla County. 24.—Inner view, right movable finger,  $\times 5.05$ , Cat. No. 371464; Chipola formation, spring on left bank of Suwannee River about 100 yards above Rock Island and about half a mile above White Springs; No. 3 of section; Columbia County. 25-28.—Outer view of right movable finger,  $\times 5.05$ , and outer, inner, and distal views of right palm,  $\times 2.16$ , Cat. No. 371463; exact locality not given.

FIGURE 29.—Family Xanthidae, genus and species undetermined. Outer view of merus of left ambulatory leg,  $\times 1.08$ ; Alabama Museum of Natural History; from lower Eocene, Pine Barren Creek, Wilcox County, Alabama. [See page 94.]

FIGURE 30.—*Portunus* sp. Distal portion of fingers,  $\times 1.08$ , Cat. No. 371892; from Tampa limestone at Aspalaga Bluff, Apalachicola River, about 10 feet above river level, Gadsden County, Florida. [See page 107.]

FIGURES 31-34.—*Parthenope (Platylambrus) charlottensis* Rathbun, n.sp. Lower, outer, inner, and distal views of propodus of left cheliped,  $\times 1.08$ , Cat. No. 371716; from Caloosahatchee beds at Alligator Creek, Willcox, Charlotte County, Florida. [See page 114.]

FIGURES 35-40.—*Scyllarella gibbera* Rathbun, n.sp. Ventral, posterior, and left profile views of carapace and sternum and dorsal view of carapace, lacking anterior portion, holotype, and dorsal and anterior views, showing right orbital and antennular cavities of carapace, paratype,  $\times 1.44$ , Cat. No. 371502; from Sucarnooc hee beds at Prairie Creek, Wilcox County, Alabama. [See page 76.]

PLATE 25—CRUSTACEA FROM THE CRETACEOUS

FIGURES 1-3.—*Linuparus kleinfelderi* Rathbun. Left profile and dorsal view, also plaster cast made from mold of figure 2; from Upper Cretaceous, at Great Neck, Long Island; specimen, including mold, in Museum of Comparative Zoölogy, Harvard University; plaster cast in U. S. National Museum. [See page 35.]



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