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PART R, REVISED, VOLUME 1, CHAPTER 8F: SYSTEMATIC DESCRIPTIONS: INFRAORDER PALAEOPALAEONIDA

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Infraorder PALAEOPALAEONIDA Schram & Dixon, 2004

[Palaeopalaemonida SCHRAM & DIXON, 2004, p. 14]

Carapace dorsoventrally flattened; rostrum distinct, simple; cervical, post-cervical, branchiocardiac, antennal, and gastro-orbital grooves distinct; medial ridge and lateral carina present. Pleon without median ridge or keel; pleomere 2 about equal to pleomere 3; pleura triangular, not separated from terga by sharp demarcation. Telson triangular, much longer than wide; exopod of uropod without diaeresis. Scaphocerite present, broad. Pereiopods 1 chelate, much longer than pereiopods 2–5; pereiopods 2–5 pseudochelate (KARASAWA, SCHWEITZER, & FELDMANN, 2013, p. 95). *Upper Devonian–Carboniferous (Lower Mississippian)*.

Family PALAEOPALAEONIDAE Brooks, 1962

[Palaeopalaemonidae BROOKS, 1962, p. 271]

Description for infraorder. *Upper Devonian–Carboniferous (Lower Mississippian)*.

Palaeopalaemon WHITFIELD, 1880, p. 39 [**P. newberryi* WHITFIELD, 1880, p. 40; OD; =*P. iowensis* WALTER, 1917, p. 123; =*P. elliotti* HOWELL, 1957, p. 38, pl. 1, 1; =*P. elegans* STURGEON, HLAVIN, & KESLING, 1964, p. 56]. Description as for infraorder. *Upper Devonian–Carboniferous (Lower Mississippian)*: USA (Iowa, Kentucky, New York, Ohio). FIG. 1a–c. **P. newberryi*; a, dorsal view, UI 10752 (Schram, Feldmann, & Copeland, 1978, pl. 1, 5); b, left lateral view, UI 10752 (new; courtesy of F. Schram); c, left lateral view, Upper Devonian, Iowa, UI 10753, scale bars, 1 cm (Schram, Feldmann, & Copeland, 1978, pl. 2, 4).

ABBREVIATIONS FOR MUSEUM REPOSITORIES

UI: University of Iowa Paleontology Repository, Iowa City, Iowa, USA

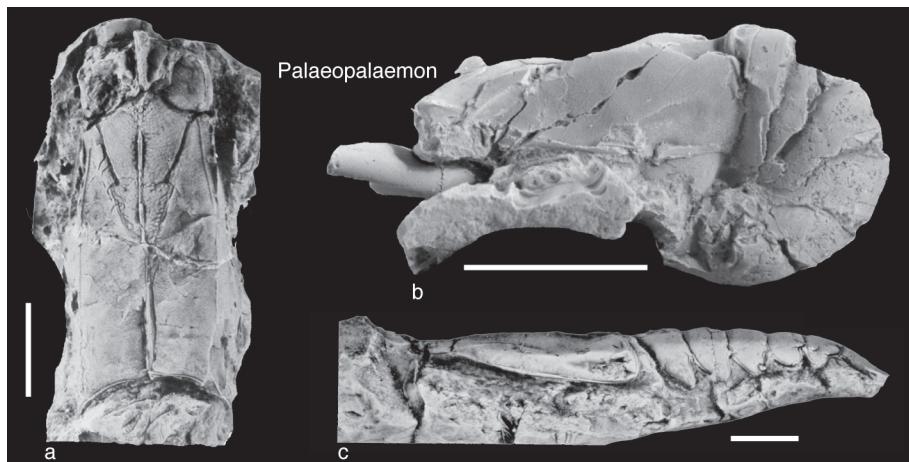


FIG. 1. Palaeopalaemonidae (p. 1).

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