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Systematic Descriptions: Superfamily
Pseudothelphusoidea

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PART R, REVISED, VOLUME 1, CHAPTER 8T28: SYSTEMATIC DESCRIPTIONS: SUPERFAMILY PSEUDOTHELPHUSOIDEA

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Superfamily PSEUDOTHELPHUSOIDEA Ortmann, 1893

[*nom. transl.* BOTT, 1970, p. 331, *ex* Pseudotelphusinae
ORTMANN, 1893, p. 487]

Carapace transversely ovate, flattened or weakly longitudinally convex, smooth, regions not well defined, cervical groove present; anterolateral margins ranging from granular, serrate, spinose to entire; frontal margin wide, bimarginate; orbital margins entire, sometimes with tubercles, lower orbital spine sometimes closing orbital hiatus; pereopod 1 heterochelous; dactyli of pereopods 2–5 with five rows of spines; sternal sutures 4/5 through 7/8 interrupted; somites of male pleon free, wide, triangular, touching coxae of pereopod 5. [Emended from ÁLVAREZ & others, 2021, p. 988.] *Holocene*.

Family EPILOBOCERIDAE Smalley, 1964

[*nom. transl.* ÁLVAREZ & others, 2021, p. 986, *ex* Epilobocerinae
SMALLEY, 1964, p. 8]

Carapace ovate, flattened or weakly longitudinally convex; regions not well defined; anterolateral margins serrate, spinose, or entire; lower orbital spine slender, platelike, closing orbital hiatus; exopod of third maxilliped longer than lateral margin of ischium. [Emended from ÁLVAREZ & others, 2021, p. 986.] *Holocene*.

Epilobocera STIMPSON, 1862, p. 234 [**E. cubensis*; M].
As for family. *Holocene*: Cuba, Dominican Republic, Haiti, Puerto Rico.—FIG. 1, 1. **E. cubensis*, UF 42315, *Holocene*, Dominican Republic, scale bar 1 cm (new; photo by R. Portell, Florida Museum of Natural History, Gainesville, Florida, USA).

Family PSEUDOTHELPHUSIDAE Ortmann, 1893

[*nom. transl. et correct.* RATHBUN, 1893, p. 649, *pro* Pseudotelphusinae ORTMANN, 1893, p. 487]

Carapace wider than long, ovate, regions weakly to moderately well defined; flower orbital spine not closing orbital hiatus; front wider than orbit; cervical groove well developed; merus of the third maxilliped about as wide as long or wider than long, shorter than ischium. [Emended from ÁLVAREZ & others, 2021, p. 988.] *Holocene*.

Pseudothelphusa SAUSSURE, 1857, p. 306 [**P. americana*; M, ICZN Opinion 73, 1941]. Carapace hexagonal; outer margin of third maxilliped convex, anterior margin oblique toward the posterior; gonopod with a twisted end. [Emended from PRETZMANN, 1972, p. 99.] *Holocene*: Central and South America.—FIG. 1, 2. **P. americana*, USNM 1291933, *Holocene*, Mexico, scale bar 1 cm (new).

Rodriguezus CAMPOS & MAGALHÃES, 2005, p. 96 [**Pseudothelphusa garmani* RATHBUN, 1898, p. 522; OD]. Exopod of third maxilliped shorter than endopodal ischium; male gonopod 1 with long, subtriangular subapical mesial process. [Emended from CAMPOS & MAGALHÃES, 2005, p. 96.] *Holocene*. *Holocene* (subfossil): Venezuela. *Holocene*: Venezuela, Caribbean Sea.—FIG. 1, 3. **R. garmani* (RATHBUN), *Holocene*, Trinidad, scale bar 1 cm (adapted from RATHBUN, 1898, fig. 14).

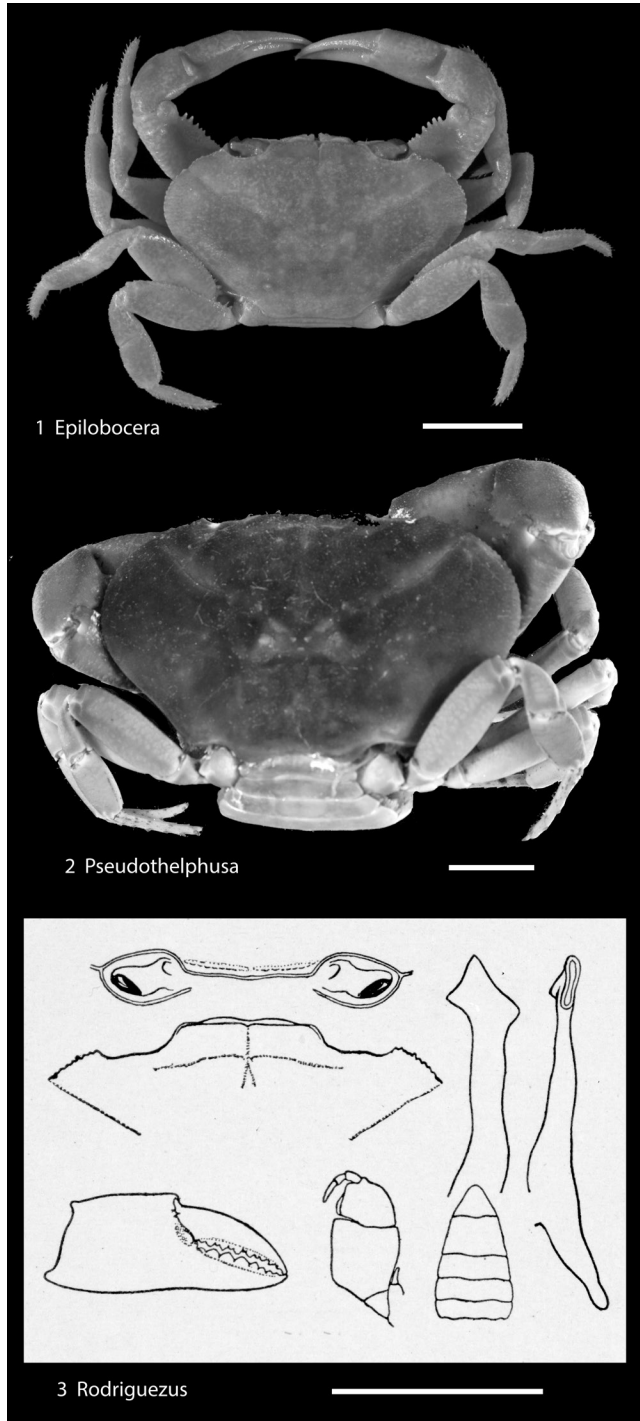


FIG 1. Epiloboceridae, Pseudothelphusidae (p. 1).

ABBREVIATIONS OF MUSEUM REPOSITORIES

UF: Florida Museum, University of Florida, Gainesville, Florida, USA

USNM: United States National Museum of Natural History, Smithsonian Institution, Washington, D.C., USA

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