



An Updated Checklist of the Inland Water's shrimps of Cuba

Augusto Juarrero de Varona

Calle 30 # 525, Apt. 7, Nuevo Vedado, Ciudad de La Habana
10 600. Correo electrónico ajuarrero_dev@hotmail.com

Cuba exhibits the richest fauna of fresh and brackish waters shrimps of the West Indies, with 31 species (50% of endemism) included in five families and 13 genera. If only subterranean species are taken into consideration, except for the United States and Mexico, our Archipelago registers the biggest number of species of the whole American Continent (13 species with 75 % of endemism) (Juarrero, in press). The latest catalogue of Cuban freshwater shrimps was published in 1995 after remaining some years in press, while new species were being described and new status settled down (Juarrero 1993, 1994; Juarrero et. al. 1997). For this reason, I believe it is necessary to provide an updated checklist of Cuba's inland water shrimps. I will use the term inland waters instead of freshwater, because it comprises species that live in brackish water pools near the coast, occasionally with relatively high levels of salinity. The classification of Crustaceans follows criteria of Bowman and Abele (1982). A more recent bibliography (1989 so far) is also attached.

List of abbreviations: E: endemic species, GA: species distributed only in Greater Antilles, GLA: species distributed in Greater and Lesser Antilles, ACA: species distributed in Antilles and Central America, ANS: species distributed in Antilles, South America and North America

ACS: species distributed in Antilles, Central America and South America, AA: species distributed in Antilles and the American continent, BRK: species whose habitats are brackish water pools, FW: strictly fresh-

waters species, FWM: freshwaters species that probably invade marine habitats during the spawn, TRO: troglobitic species.

Costa Rica (?) ** Bermudas

PHYLUM OR SUBPHYLUM CRUSTACEA
ORDER DECAPODA, SUBORDER NATANTIA,
INFRAORDER CARIDEA, FAMILY ATYDAE

Genus *Atya* Leach, 1816

1. *A. innocous* (Herbst, 1782) (ACA, FWM)
 2. *A. lanipes* Holthuis, 1963 (GA, FWM)
 3. *A. scabra* (Leach, 1815) (ACS, FWM)
- Genus *Micratya* Bouvier, 1913
4. *M. poeyi* (Guérin-Méneville, 1855) (GLA*, FWM)
- Genus *Typhlatya* Creaser, 1936
5. *T. garciai* Chace, 1942 (GA, TRO, FW)
 6. *T. taina* Estrada y Gómez, 1987 (E, TRO, FW)
 7. *T. elenae* Juarrero, 1994 (E, TRO, FW)
 8. *T. consobrina* Botosaneanu et Holthuis, 1970 (E, TRO, FW)
 9. *Typhlatya* n. sp (E, TRO, FW)

Genus *Jonga* Hart, 1961

10. *J. serrei* (Bouvier, 1909) (GLA, FWM)
- Genus *Potimirin* Holthuis, 1964
11. *P. americana* (Guérin-Méneville, 1855) (GLA, FWM)
 12. *P. mexicana* (Saussure, 1857) (ACA, FWM)
- Genus *Xiphocaris* Martens, 1872
13. *X. elongata* (Guérin-Méneville, 1855) (GLA, FWM)
 14. *X. gomezi* Juarrero, 1991 (E, FW)

FAMILY PALAEMONIDAE

Genus *Macrobrachium* Bate, 1868

15. *M. acanthurus* (Wiegmann, 1836) (ANS, FWM)
 16. *M. carcinus* (L., 1758) (AA, FWM)
 17. *M. crenulatum* Holthuis, 1950 (ACS, FWM)
 18. *M. faustinum* (Saussure, 1857) (GLA, FWM)
 19. *M. heterochirus* (Wiegmann, 1836) (ACS, FWM)
 20. *M. lucifugum* Holthuis, 1974 (GLA, TRO, BKR)
- Genus *Troglocubanus* Holthuis, 1949
21. *T. inermis* (Chace, 1943) (E, TRO, FW)
 22. *T. calcis* (Rathbun, 1912) (E, TRO, FW)
 23. *T. gibarensis* (Chace, 1942) (E, TRO, FW)
 24. *T. eigenmanni* (Hay, 1903) (E, TRO, FW)

Genus *Palaemon* Weber, 1795

25. *P. (P.) pandaliformis* (Stimpson, 1871) (ACS, FWM)

FAMILY HIPPOLYTIDAE

Genus *Barbouria* Rathbun, 1912

26. *B. cubensis* (Martens, 1872) (GA, TRO, BKR)

Genus *Somersiella* Hart et Manning, 1981

27. *S. sterreri* Hart et Manning, 1871 (GA**, TRO, BKR)

SUBORDER REPTANTIA

INFRAORDER ASTACIDEA, FAMILY CAMBARIDAE

Genus *Procambarus* Ortmann, 1905

28. *P. atkinsoni* (Ortmann, 1913) (E, FW)
29. *P. c. cubensis* (Erichson, 1846) (E, FW)
30. *P. cubensis rivalis* (Faxon, 1912) (E, FW)
31. *P. niveus* Hobbs et Villalobos, 1964 (E, TRO, FW)

INFRAORDER THALASSINIDEA

FAMILY LAOMEDIIDAE

Genus *Espeleonaushonia* Juarrero & Marínez-Iglesias, 1997

32. *E. augudrea* Juarrero & García-Debrás, 1997 (E, TRO, BKR)

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