



INTERTIDAL BURROWING SHRIMPS (AXIIDAE: CALLIANASSIDAE, CALLICHIRIDAE; GEBIIDAE: AXIANASSIDAE, UPOGEBIIDAE) COLLECTED ALONG THE BRAZILIAN COAST

HERNÁEZ, P.^{1,*} & PINHEIRO, M.A.A.²

¹ Universidad de Tarapacá (UTA), Facultad de Ciencias, Centro de Estudios Marinos y Limnológicos, Arica, Chile;

² Universidade Estadual Paulista (UNESP), Instituto de Biociências (IB), Campus do Litoral Paulista (CLP), Laboratório de Biologia da Conservação de Crustáceos (LBC), Grupo de Pesquisa em Biologia de Crustáceos (CRUSTA), São Vicente, São Paulo, Brazil.

*Corresponding author: pahernaez@gmail.com

An annotated checklist of the intertidal species of burrowing shrimps of the Brazilian coast is provided from samples collected during latitudinal research expeditions between 2015 and 2018, during which 1166 specimens of nine species were collected. The species are as follow: Axiidea: Callianassidae: *Biffarius botterae* Hernández, Miranda & Tavares, 2020; Callichiridae: *Audacallichirus mirim* (Rodrigues, 1971), *Callichirus* aff. *major* (Say, 1818), *Lepidophthalmus siriboa* Felder & Rodrigues, 1993, *Neocallichirus guara* (Rodrigues, 1971), *N. maryae* (Karasawa, 2004), *N. pinheiroi* Hernández, Windsor, Paula & Santana, 2020; Gebiidea: Axianassidae: *Axianassa australis* Rodrigues & Shimizu, 1992, Upogebiidae: *Upogebia omissa* Gomes-Corrêa, 1968. For each species, diagnostic features, distribution, and habitat are recorded. The taxonomic information is discussed and compared to the information reported in literature for each taxon.

Keywords: Decapoda, ghost shrimps, mud lobsters, Southwestern Atlantic, Thalassinidae.

Financial support: FAPESP, FACEPE and CNPq (PQ # 305957/2019-8).

Area: Taxonomy & Phylogeny

