



## ***Ancinus jarocho* (Isopoda: Sphaeromatidea: Ancinidae), a new species from the central Gulf of Mexico, Mexico**

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### **Abstract**

*Ancinus jarocho* **n. sp.** described from mesolittoral zone of sandy beaches in Veracruz State, Mexico, is the eighth species of the genus and the second record for the Gulf of Mexico coast. The new species is characterized by an antennular flagellum of 11–16 articles, single aesthetasc in 9 distal flagellar articles, uropodal endopod styliform, lightly arched and shortest than pleotelson, male pleopod 5 exopod with the distomesial margin serrated, with minutes spines. *Ancinus jarocho* **n. sp.** is morphologically similar to *A. granulatus*, which has a truncate pleotelson apex, densely granulated body surface and eyes on elevated swellings.

**Key words:** New species, Isopoda, Ancinidae, *Ancinus*, Veracruz, Mexico

### **Resumen**

Una especie nueva de *Ancinus* es descrita de la zona mesolitoral de playas arenosas del estado de Veracruz, México, es la octava especie del género y la segunda registrada para las costas del Golfo de México. La especie nueva es caracterizada por el flagelo anténular de 11–16 artejos, un aestetasco en 9 artejos flagelares distales, endópodo uropodal estiliforme, ligeramente arqueado, más corto que el pleotelson, exópodo del pleópodo 5 del macho con el margen distal interno en forma de sierra, con espinas diminutas. *Ancinus jarocho* **n. sp.** es morfológicamente similar a *A. granulatus* por presentar el ápice del pleotelson truncado, la superficie del cuerpo granulada densamente y los ojos elevados sobre un abultamiento.

**Palabras clave:** Especie nueva, Isopoda, Ancinidae, Veracruz, México

### **Introduction**

*Ancinus* is at present known only from the New World being an amphi-American genus with 7 described species distributed in the tropical West Atlantic and on the East Pacific coast. The Atlantic species are: *A. depressus* (Say, 1818) from the eastern and Gulf coasts of the United States; *A. panamensis* Glynn & Glynn, 1974 and *A. belizensis* Kensley & Schotte, 1987 from the Caribbean; *A. brasiliensis* Lemos de Castro, 1959—re-described in detail by Loyola e Silva (1963)—and *A. gaucho* Pires, 1987, from Brazil; the Pacific species are *A. granulatus* Holmes & Gay, 1909 and *A. seticomvus* Trask, 1970, from the California coast (Schotte *et al.* 1995).

The taxonomic status of some of the *Ancinus* species has been controversial. Schultz (1973) considered that *A. daltonae* Menzies & Barnard, 1959 belonged to *Ancinus*, but this species was transferred to *Bathycopea* by Loyola e Silva (1971). It was also proposed that *A. seticomvus* as a junior synonym of *A. granulatus*. Loyola e Silva (1971) considered *A. granulatus* and *A. brasiliensis* as synonyms of *A. depressus*.