

## A Revision of the Genus *Ichnopus* (Crustacea: Amphipoda: Lysianassoidea: Uristidae)

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**ABSTRACT.** The uristid genus *Ichnopus* is revised and *Glycerina* included in its synonymy. A key is provided to the world species. *Ichnopus pelagicus* Schellenberg, *I. pseudoserricus* Ledoyer, *I. serricus* Walker, *I. spinicornis* Boeck, *I. taurus* Costa, (type species), *I. tenuicornis* (Haswell), *I. teretis* (Andres) and *I. woodmasoni* (Giles) are redescribed. The new species *I. annasona*, *I. capricornus*, *I. caritus*, *I. comorensis*, *I. cribensis*, *I. malpatun*, *I. parriwi* and *I. wardi* are described. *Ichnopus nossibeensis* Ledoyer is considered to be a synonym of *I. pelagicus*. *Ichnopus macrobetomma* Stebbing is considered to be an unrecognisable species. Two species groups are recognised: the *I. spinicornis* group, in which the ischium and carpus of gnathopod 1 are long and most species are pelagic, probably micropredators; and the *I. taurus* group, in which the ischium and carpus of gnathopod 1 are very long and most species are demersal scavengers. *Ichnopus* is considered to be a tropical to warm temperate Indo-Pacific genus with some remnants in the Mediterranean and the eastern North Atlantic Ocean. The most primitive species in both groups are found in the Mediterranean Sea and the eastern North Atlantic. It appears that the modern genus had its origins in the old Tethyan fauna.

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*Ichnopus* is a poorly known genus of uristid lysianassoids which was established by Costa (1853) for *I. taurus* from the Mediterranean Sea. Since then 13 species have been described, five of which are currently considered to be synonyms. Most of these species have been reported in the literature only once or twice. The exceptions are *I. taurus* Costa, 1853, and *I. spinicornis* Boeck, 1861, both of which have been recorded frequently, either from the Mediterranean or the eastern North Atlantic. Little is known about the biology, phylogeny or zoogeography of these animals.

In this paper we redefine the genus, recognise two informal species groups, discuss the habitat preferences of species in each group and discuss the general zoogeographical distribution of the genus. We redescribe eight species and describe eight new species. The genus *Glycerina* Haswell, 1882, is synonymised with *Ichnopus* Costa, 1853, and *I. nossibeensis* Ledoyer, 1986, is synonymised with *I. pelagicus* Schellenberg, 1926. *Ichnopus macrobetomma* Stebbing, 1917 is considered to be an unrecognisable species.

The following abbreviations are used in the text: