

Macropodia, an underrated spider crab genus in the Belgian part of the North Sea

Hillewaert Hans

Research Institute for Agriculture, Fisheries and Food, Ankerstraat 1, 8400 Oostende, Belgium
E-mail: hans.hillewaert@ilvo.vlaanderen.be

Spider crabs of the genus *Macropodia* Leach, 1814 comprise 20 species worldwide (Davie, 2016), of which nine species occur in the northeastern Atlantic and Mediterranean waters: *M. czernjawskei* (Brandt, 1880), *M. deflexa* Forest, 1978, *M. intermedia* Bouvier, 1940, *M. linaresi* Forest & Zariquey-Alvarez, 1964, *M. longipes* (Milne-Edwards & Bouvier, 1899), *M. longirostris* (Fabricius, 1775), *M. parva* Noort & Adema, 1985, *M. rostrata* (Linnaeus, 1761), and *M. tenuirostris* (Leach, 1814) (Marco-Herrero, Rodríguez, & Cuesta, 2012).

Until recently the genus *Macropodia* has been treated rather poorly in the sampling campaigns of the Belgian part of the North Sea because of difficulty in identification (Van Noort & Adema, 1985) and due to the lack of microscope facilities on board.

Recent identification of *M. parva* in macrobenthos samples hinted at the occurrence of more species than just the common *M. rostrata*. Amongst the 221 specimen that were collected during a routine beam trawl campaign in 2017, the four species mentioned by (Adema, 1991) : *M. linaresi*, *M. parva*, *M. rostrata* and *M. tenuirostris*, were found.

References

- Adema, J. (1991). *Krabben van Nederland en België*. Leiden: Nationaal Natuurhistorisch Museum.
- Davie, P. (2016). *Macropodia*. Retrieved 12 20, 2017, from World Register of Marine Species: <http://www.marinespecies.org/aphia.php?p=taxdetails&id=205077>
- Forest, J. (1978). Le genre *Macropodia* Leach dans les eaux atlantiques européennes (Crustacea Brachyura Majidae). *Cah. Biol. Marine*, **XIX**:323-342.
- Marco-Herrero, E., Rodríguez, A., & Cuesta, J. A. (2012). Morphology of the larval stages of *Macropodia czernjawskei* (Brandt, 1880) (Decapoda, Brachyura, Inachidae) reared in the laboratory. *Zootaxa*, **3338**:33-48.
- Van Noort, G. J., & Adema, J. P. (1985). The genus *Macropodia* Leach, 1814 in the North Sea and adjacent waters, with the description of a new species. *Zoologische Mededelingen*, **59**:363-379.

Keywords: *Macropodia parva*; *Macropodia rostrata*; *Macropodia tenuirostris*; *Macropodia linaresi*; Belgian Part of the North Sea