

Abstract: The recent West European species of the genus *Potamocypris* with long swimming setae on the second antennae are revised. Among the 17 nominal species described in the literature, 9 existing species are recognized. A key to the species is proposed. Diagnosis, complements of description, taxonomic history and discussion, data on ecology and geo-graphic distribution are given for each Species. The carapace of each species (except for *P. rullieri*) is shown on scanning electron micrographs. Tables allowing direct comparison between related species are given.