

A New Replacement Name for an Upper Jurassic Genus of Clam Shrimp (Branchiopoda: Diplostraca)

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Abstract—One junior homonym was detected within fossil Branchiopoda and the following name is therefore proposed to replace it: *Jurapingquania* Ceccolini and Cianferoni nom. nov. = *Pingquania* Wang in Wang and Li, 2008 nec Guo and Duan, 1978.

Keywords: China, Hebei, junior homonym, Pingquan, Upper Jurassic

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Wang in (Wang and Li, 2008: 320) established the new genus of clam shrimp *Pingquania* to accommodate the new species *P. huangtuliangensis* from Upper Jurassic of the Northern Hebei province, in China. The author named the new genus from Pingquan County where the type species was found and he included it in the family Eosestheriidae. Currently it is considered valid, even if its inclusion within the order Diplostraca is not clear (Rees, 2021).

Unfortunately, 30 years earlier Guo and Duan (1978: 453) used the same name *Pingquania* for another fossil of the Chinese province of Hebei, a trilobite genus from Upper Cambrian. It is still used as a valid genus name within the family Damasellidae (Jell and Adrian, 2003), even if in Rees (2021) it is considered awaiting allocation within the Trilobitomorpha.

Pingquania Wang is therefore a junior homonym of *Pingquania* Guo and Duan and, lacking an available synonym, according to ICZN (1999, Arts. 57.2, 60.1, 60.2), it must be replaced by a new name. We propose here the new substitute name *Jurapingquania* Ceccolini and Cianferoni nom. nov. (female gender); the new name follows the original one, adding the prefix *Jura-* in reference to the geologic period to which the genus dates back.

Since the genus is monotypic, the only species *P. huangtuliangensis* is obviously also the type species of the genus *Jurapingquania* (see ICZN 1999, Arts. 51.3, 67.8, Recommendation 60A) and the following combination is established: *Jurapingquania huangtuliangensis* (Wang, 2008) comb. nov.

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CONFLICT OF INTEREST

The authors of this work declare that they have no conflicts of interest.

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