



## Notes to the current checklist of Tardigrada

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### Abstract

Corrections and additions to the recently published checklist of Tardigrada taxa (Guidetti & Bertolani 2005) are defined and described until the acceptance of this article. Two new synonyms are stated here: *Hypsibius iharosi* Bartoš, 1941 **syn. nov.** and *Isohypsibius gibbus* (Marcus, 1928) **syn. nov.**

**Key words:** Tardigrada, checklist, *Hypsibius iharosi* **syn. nov.**, *Isohypsibius gibbus* **syn. nov.**

### Introduction

Until recently, only two papers dealing with worldwide tardigrade taxa (i.e. the monograph of Ramazzotti & Maucci 1983, and the checklist of limno-terrestrial species of McInnes 1994) were available for specialists of this group and for all researchers interested in biodiversity. In the period after these papers were published the number of described taxa had dramatically increased, along with several changes to the taxonomic position of other species, which called for the recent publication by Guidetti & Bertolani (2005) to draw this information together. After this publication we noted that a revision of the checklist was needed due mainly to typing errors, the lack of inclusion of all species, incorrectness in name spellings or years of publication and an incomplete reference list. During the review process, we thoroughly applied rules and recommendations of International Code of Zoological Nomenclature — Fourth Edition (1999) (especially Article 22: Recommendations 22A.2.2., 22A.3; Article 51: Recommendations 51A and 51B). We also used parentheses for author and year in cases when a subgenus has been elevated to genus level (Article 51.3; Alessandro Minelli pers. com.). Some of the taxa were supplemented by new species and by bibliographic references of inherent synonymies and/or the amended diagnoses not described prior to or not mentioned in Guidetti & Bertolani (2005).

We report all differences between the published checklist (Guidetti & Bertolani 2005) and the revised checklist in Table 1. In addition, some new synonyms are reported.

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