

OUR LIST OF SHORTCOMINGS, TYPOS, INCONSISTENCIES IN THE ARTICLES REVIEWED

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TO THE ORIGIN OF LAKE BAIKAL ENDEMIC GAMMARID RADIATIONS, WITH DESCRIPTION OF TWO NEW EULIMNOGAMMARUS SPP.:

1

In table 1 on page 459, the access number "MT110187" is repeated twice, *Echiuropus macronychus* corresponds to "MT110192"

2

According to the type of trees built by the authors, it is unclear what kind of species is meant in the sentence "two non-Baikal *Gammarus* species (*G. lacustris* and *G. balcanicus*)" on page 462 (all appendices and the article itself have been studied, we have two species of *G. lacustris*)

3

On page 462 in the sentence "the second dataset was missing the histone 3 gene not available in most non-Baikal species, but included the published elongation factor 1 α sequences (See Table 2 for accession numbers)" reference to the directional table, it was necessary to refer to Table 1

DISTRIBUTION PATTERNS AT DIFFERENT SPATIAL SCALES REVEAL REPRODUCTIVE ISOLATION AND FREQUENT SYNTOPY AMONG DIVERGENT LINEAGES OF AN AMPHIPOD SPECIES COMPLEX IN WESTERN CARPATHIAN STREAMS:

4

On page 2799, in the sentence "The newly acquired sequences are available in GenBank (16S: access numbers ON814700–ON814773, 28S: ON814774–ON814835, EF1!: ON843869–ON843884), see Table S3 for more information" invalid accession numbers are specified

5

In view of the fact that there is no source data in this article and without specific references to access numbers sequences from the old article, the sentence on page 2799 is "To the 28S and EF1! dataset we also added sequences from our previous study to increase the sample size and accuracy of the analyses (Copilas –Ciocianu et al. 2017)" sounds unclear