

Correction

EVOLUTION

Correction for “Evolution of a morphological novelty occurred before genome compaction in a lineage of extreme parasites,” by Karen L. Haag, Timothy Y. James, Jean-François Pombert, Ronny Larsson, Tobias M. M. Schaer, Dominik Refardt, and Dieter Ebert, which appeared in issue 43, October 28, 2014, of *Proc Natl Acad Sci USA* (111:15480–15485; first published October 13, 2014; 10.1073/pnas.1410442111).

The authors note, “We described a new basal microsporidian, *Mitosporidium daphniae* gen. et sp. nov. As was noted in our paper, microsporidians are now classified by some workers in Fungi, but they are nonetheless explicitly excluded from the International Code of Botanical Nomenclature (1). Having previously been considered animal protists, classified among the so-called ‘sporozoans’, microsporidians continue to fall within the remit of the International Code of Zoological Nomenclature (2). Our paper did not meet all of the conditions mandated by the Zoological Code for making their new generic and specific names nomenclaturally available. In particular, no name-bearing type (holotype, syntypes, or hapantotype) was fixed for the new species, and because the specific name was thus unavailable, so was the new generic name, for which fixation of an available type species was also necessary. Here we propose to remedy this situation by again proposing the new taxon *Mitosporidium daphniae* gen. et sp. nov., with the generic and specific diagnoses as given by Haag et al. and with *M. daphniae* designated as the type species of *Mitosporidium*. The type series of *M. daphniae* consists of two type slides (120309-A-1 and 120309-A-2) bearing hapantotypes, which have been deposited in the International Protozoan Type Slide Collection at the Department of Invertebrate Zoology, National Museum of Natural History, Smithsonian Institution, Suitland, MD, USA, under the registration numbers 1251929 and 1251930, respectively. The new taxon was registered at Zoobank under urn:lsid:zoobank.org:pub:7CBB6A53-224B-426A-A8E1-37DE9E332AC4.”

1. Norvell LL (2011) Fungal nomenclature. 1. Melbourne approves a new Code. *Mycotaxon* 116(1):481–490.
2. International Commission on Zoological Nomenclature (1999) The Code Online. Available at: iczn.org/iczn/index.jsp. Accessed February 3, 2015.

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