

## CORRIGENDUM

## Corrigendum and Addendum to: “A phylogenetically informed generic reclassification of the hemionitid ferns (Pteridaceae: Cheilanthesoideae)” [in *Taxon* 74: 260–291. 2025]

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Here we report on four separate nomenclatural issues that emerged after publication of our recent research article “A phylogenetically informed generic reclassification of the hemionitid ferns (Pteridaceae: Cheilanthesoideae)” by Schuettpelez & al. (in *Taxon* 74(2): 260–291. 2025, <https://doi.org/10.1002/tax.13314>). We replace the illegitimate name *Estrella* Windham non Frenzel nec Pengju Liu & Mocz. with *Estrellita*, fix an incorrect basionym citation for *Pellaeopsis buchananii*, transfer the recently described *Cheilanthes qiaojaensis* to *Aleuropteris*, and challenge the parenthetical author attribution for *Brasiliopteris pohliana* by IPNI (2025).

Our recently published genus name, *Estrella* Windham, is illegitimate because of an earlier homonym governed by the same nomenclatural Code: *Estrella* Pengju Liu & Mocz. (Liu & Moczyłowska, 2019; incertae sedis, Acritarcha), a fossil acritarch from Ediacaran China. Acritarchs, although of uncertain biological affinity, are named under the *International Code of Nomenclature for algae, fungi, and plants* (ICN; Turland & al., 2025) and treated as algae for nomenclatural purposes, following the convention established by Evitt (1963). Consequently, a replacement name, *Estrellita* (a diminutive form of *Estrella*), is proposed here. Additionally, *Estrella* Frenzel (Frenzel, 1892; Stramenopiles: Amphitremidae), a mixotrophic testate amoeba from Argentina, was validly published under the *International Code of Zoological Nomenclature* (ICZN; International Commission on Zoological Nomenclature, 1999). However, *Estrella* Frenzel has recently been included in AlgaeBase (Guiry & Guiry, 2025) and may represent an even earlier homonym under the ICN (Art. 45.1, *Madrid Code*; Turland & al., 2025).

*Estrellita* Windham, **nom. nov.** pro *Estrella* Windham in *Taxon* 74(2): 278. 2025, nom. illeg. non *Estrella* Frenzel 1892 nec *Estrella* Pengju Liu & Mocz. 2019 – Type: *Estrellita mollis* (Kunze) Windham (≡ *Notholaena mollis* Kunze).

Diagnosis and etymology as stated in Schuettpelez & al. (2025) for *Estrella*.

*Estrellita mollis* (Kunze) Windham, **comb. nov.** ≡ *Notholaena mollis* Kunze in *Linnaea* 9(1): 54. 1834 ≡ *Cheilanthes mollis* (Kunze) C.Presl, *Tent. Pterid.*: 160. 1836 ≡ *Hemionitis mollis* (Kunze) Christenh. in Christenhusz & al., *Global Fl.* 4: 18. 2018 ≡ *Estrella mollis* (Kunze) Windham in *Taxon* 74(2): 278. 2025.

For “*Pellaeopsis buchananii* (Baker) Windham, **comb. nov.**” published in Schuettpelez & al. (2025: 279), we incorrectly cited the basionym as *Cheilanthes buchananii* Baker, a mistranscription of a later combination made by Domin (1913). The name is properly based on *Notholaena buchananii* Baker, and the correction is made below.

*Pellaeopsis buchananii* (Baker) Windham, **comb. nov.** ≡ *Notholaena buchananii* Baker in Hooker & Baker, *Syn. Fil.*: 373. 1868 ≡ *Cheilanthes buchananii* (Baker) Domin in *Biblioth. Bot.* 20 (85-1): 133. 1913.

We also remedy our earlier omission of the recently published taxon *Cheilanthes qiaojaensis* in our analyses. The morphological and phylogenetic analyses of Chu & al. (2021) clearly show that *C. qiaojaensis* is deeply nested within the monophyletic group we now recognize as *Aleuropteris*. Hence, the new combination is published here.

*Aleuropteris qiaojaensis* (Z.R.He & W.M.Chu) Windham & Schuettpelez, **comb. nov.** ≡ *Cheilanthes qiaojaensis* Z.R.He & W.M.Chu in *Phytotaxa* 514: 239. 2021.

Lastly, we formally dispute the decision by IPNI (2025) to not accept our interpretation of the parenthetical authorship of the new name *Brasiliopteris pohliana* (Mett.) J.Prado, Schuettpelez & Yatsk. IPNI (2025) cites Kunze (1840) as the

parenthetical author for this taxon. We argue that Kunze's name was not validly published because it was explicitly provisional, following Art. 36.1 and Ex. 7 of the *Madrid Code* (Turland & al., 2025). In our view, Kunze (1840: 45) merely noted his intention to formally describe a new species later (“an einem anderen Orte zu beschreibenden” = “to be described elsewhere”). He did not provide a formal diagnosis or description for the species, simply noting its existence and mentioning a few characters separating it from its distant relative “*Nothochlaena tenera*”. We argue here that Mettenius (1859: 67) published the diagnosis and description, and, therefore, he validly published the species name in *Cheilanthes*. It was Mettenius's intention to name a new species in *Cheilanthes*, not make a new combination in *Cheilanthes* based on Kunze's explicitly provisional name. Thus, these names should be read as follows:

***Brasiliopteris*** J.Prado, Schuettpeitz & Yatsk. in *Taxon* 74(2): 275. 2025 – Type: ***Brasiliopteris pohliana*** (Mett.) J.Prado, Schuettpeitz & Yatsk. (= *Cheilanthes pohliana* Mett.).

and

***Brasiliopteris pohliana*** (Mett.) J.Prado, Schuettpeitz & Yatsk. in *Taxon* 74(2): 275. 2025 ≡ *Cheilanthes pohliana* Mett. in *Abh. Senckenberg. Naturf. Ges.* 3: 67. 1859 ≡ *Hemionitis pohliana* (Mett.) Christenh. in Christenhusz & al., *Global Fl.* 4: 19. 2018.  
– “*Notholaena pohliana* Kunze”, *Farnkräuter* 1: 45. 1840, not validly published (Art. 36.1).

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