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Orthographic Corrections of the Five Names in the Genus *Allium*

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Abstract: In this study orthographic corrections have been made in the names of five species of *Allium* i.e. *Allium carolinianum*, *Allium apolloniensis*, *Allium gilgiticum*, *Allium stoliczki* and *Allium barszczewskii*.

Keywords: Orthographic corrections, *Allium carolinianum*, *Allium apolloniensis*, *Allium gilgiticum*, *Allium stoliczki*, *Allium barszczewskii*

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Introduction

The five names *Allium carolinianum*, *Allium apolloniensis*, *Allium gilgiticum*, *Allium stoliczki* and *Allium barszczewskii* were published however, the authors did make orthographic errors in specific epithets when publishing the name of new species. Later, the genus was revised by the workers (Biel *et al.*, 2006, Dasgupta, 2006) but the epithets errors did not corrected by them. Thus, the specific epithets are being corrected here as follows:

The construction is with an orthographic error in an adjectival epithet of *Allium carolinianum* giving city name i.e. Carolina (United States) which is ending with letter 'a' should be latinized by adding 'ense' in suffix as the generic name in neuter gender (Art. 60.0.1). Thus, the corrected name would be *Allium caroliniense* Redouté, Liliac 2: 101. (1804).

Orthographical error is acknowledged in *Allium apolloniensis* because if the generic name is of neuter gender, then its epithet will also be kept in neuter gender. This epithet refers to the place where this species was found for the first time i.e. Apollonia in Greece (Biel *et al.*, 2006). Apollonia ends with 'a' vowel where before adding suitable suffix of neuter case 'a' has to be removed. Therefore, the species should be written as *Allium apolloniense* B. Biel, Kit Tan and Tzanoud., Willdenowia 36.1:367-372 (2006).

Orthographical error is found in *Allium gilgiticum* as the specific epithet derived from the geographical name i.e. Gilgit which is an abbreviated form of Gilgit mountains that comes under LOC part of India. According to Art. 32.2 and Rec. 60D.1 of the ICN, it was not correctly constituted (Shenzhen Code; Turland *et al.*,

2018). Gilgit as a noun ending with a consonant can be considered as stem word where adjectival suffix 'icus' has to be added. Therefore, the species should be written as *Allium gilgiticus* F.T. Wang and Tang, Bull. Fan Mem. Inst. Biol. 7: 294. (1937).

The specific epithet of *Allium stolczki* derived from the collector's name, Dr. Stoliczka. His name ends with 'a' vowel in that case 'e' to be added in suffix for singular person as per rule of Art. 60.C.1. Therefore, this species should be corrected as *Allium stoliczkae* Regel, Trudy Imp. S.-Peterburg. Bot.Sada.3.2: 160. (1875).

As per Article 60.C.1, original spelling of person name should be retained. In this regard, *Allium barszczewskii* is to be changed as *Allium barszczewskii*, since the specific epithet commemorates in honour of Leon Barszczewski, a Polish explorer of Central Asia. Therefore, the species should be written as *Allium barszczewskii* Lipsky, Trudy Imp. S.-Peterburgh. Bot. Sada 18: 114 (1900).

The role of botanical nomenclature and nomenclatural stability is an un-ambiguous reference system about the elements that constitutes biodiversity. Hence, our study will provide stability and prevent any confusion

further in the names, the unawareness and loose attitude towards nomenclature issues by taxonomists themselves does more harm to the subject than non-taxonomists can cause.

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