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SHORT COMMUNICATION

×*Asterron*, nom. nov., a replacement name for ×*Asterigeron* Tzvelev, and ×*Asterron ucrainicus*, comb. nov.

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Abstract. In 1994 Tzvelev described ×*Asterigeron ucrainicus* Tzvelev, which he interpreted as a hybrid of *Aster amellus* L. and *Erigeron acris* L., and thus established a nothogenus ×*Asterigeron* Tzvelev (*Aster* L. × *Erigeron* L.). However, the name ×*Asterigeron* Tzvelev is a later homonym of *Asterigeron* Rydb.; because of that a new replacement name, ×*Asterron* Olshanskyi, is proposed for this nothogenus. Also, the new nomenclatural combination ×*Asterron ucrainicus* (Tzvelev) Olshanskyi (≡ ×*Asterigeron ucrainicus* Tzvelev) is validated.

Keywords: *Asteraceae*, *Aster*, *Erigeron*, ×*Asterigeron*, ×*Asterron*, hybrid

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Introduction

Rydberg (1917: 891) described the genus *Asterigeron* Rydb. with the only species *Asterigeron watsonii* (A.Gray) Rydb. (≡ *Aster watsonii* A.Gray). Rydberg noted that *Asterigeron* is close to *Erigeron* in its habit, involucre and fruit, but the styles are more similar to those of *Aster*. At present *Asterigeron* Rydb. is treated as a section of the genus *Erigeron* (Nesom, 1989; 2008).

Much later, Tzvelev (1994: 185) described a possible hybrid between *Aster amellus* L. and *Erigeron acris* L. He named it ×*Asterigeron ucrainicus* Tzvelev and noted that this name is applicable to "original specimens from environs of Chernigov [Chernihiv – I.O.] and Kiev [Kyiv – I.O.], from Perm Region [of Russia – I.O.] (village Ilyinskoe [Ilyinsky – I.O.]), and from the South Coast of Crimea (Steven's herbarium specimens), having smaller (17–25 mm in diam.) heads with rays of lateral flowers 4–8 mm long, and also with less unequal and narrower involucre bracts".

By validating the name ×*Asterigeron ucrainicus*, Tzvelev also simultaneously validated the nothogeneric

name ×*Asterigeron* Tzvelev (*Aster* L. × *Erigeron* L.). However, ×*Asterigeron* Tzvelev is an illegitimate name (*nomen illegitimum*), being a later homonym of *Asterigeron* Rydb. According to Art. H.3.3 of the *International Code of Nomenclature for algae, fungi, and plants* (Turland et al., 2018), "For purposes of homonymy and synonymy the multiplication sign × and the prefix "notho-" are disregarded", which means that nothogeneric and generic names are treated equally in terms of their homonymy. Because of that I here propose a replacement name this nothogenus.

Nomenclature

According to Art. H.6.2 of the the *ICN* (Turland et al., 2018), "the nothogeneric name of a bigeneric hybrid is a condensed formula in which the names adopted for the parental genera are combined into a single word, using the first part or the whole of one, the last part or the whole of the other (but not the whole of both) and, optionally, a connecting vowel".

For naming the nothogenus resulting from supposed hybridization between the genera *Aster* and *Erigeron*, I combine the whole name of the first generic name (*Aster-* of *Aster*) and the last part of the second generic name (*-ron* of *Erigeron*).

×*Asterron* Olshanskyi, nom. nov.

Basionim: ×*Asterigeron* Tzvelev, Fl. Evropeiskoi Chasti SSSR 7: 185 (1994), nom. illeg., non *Asterigeron* Rydb., Fl. Rocky Mts.: 891 (1917).

Etymology: The name of the nothogenus is derived from the names of its parent genera.

Possible phylogenetic/genetic origin (see Tzvelev, 1994): *Aster* L. × *Erigeron* L.

×*Asterron ucrainicus* (Tzvelev) Olshanskyi, comb. nov.

Basionim: ×*Asterigeron ucrainicus* Tzvelev, Fl. Evropeiskoi Chasti SSSR 7: 185 (1994), in adnot.

Type (Tzvelev, 1994: 185): UKRAINE: "Prov. Tschernigow, XII 1969 [*sphalm. typogr.*, should read 1869], leg. Regel" (holotype in LE).

Note. In the protologue the collection year of the type specimen was indicated as 1969. However, it is an obvious typographic error.

Hypothetical origin (Tzvelev, 1994): *Aster amellus* L. × *Erigeron acris* L.

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Ольшанський І. ×*Asterron*, nom. nov., заміна назви для ×*Asterigeron* Tzvelev, і ×*Asterron ucrainicus*, comb. nov. *Український ботанічний журнал*, 79(4): 203–204. [In English].

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Реферат. У 1994 році Цвелєв описав ×*Asterigeron ucrainicus* Tzvelev, який він інтерпретував як гібрид *Aster amellus* L. і *Erigeron acris* L., таким чином встановивши ноторід ×*Asterigeron* Tzvelev (*Aster* L. × *Erigeron* L.). Проте, назва *Asterigeron* Tzvelev є пізнішим омонімом назви *Asterigeron* Rydb. Під *Asterigeron* Rydb. було описано в 1917 році Ридбергом, з єдиним видом *Asterigeron watsonii* (A.Gray) Rydb.). Тому нами пропонується заміщувальна назва ×*Asterron* Olshanskyi, nom. nov. (≡ ×*Asterigeron* Tzvelev). Також, запропоновано номенклатурну комбінацію ×*Asterron ucrainicus* (Tzvelev) Olshanskyi (≡ ×*Asterigeron ucrainicus* Tzvelev).

Ключові слова: *Asteraceae*, *Aster*, *Erigeron*, ×*Asterigeron*, ×*Asterron*, гібрид