



Retypification of two infraspecific names from *Caryophyllaceae*

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ABSTRACT: *Heliosperma pusillum* var. *pancicii*, was originally described in 2007. A typographic error occurred as part of the citation of the type, thus making useless its current usage. Therefore, a neotype from BEOU has been designated to avoid the conservation proposal. *Silene sendtneri* f. *slavnicii* was described in the same paper and its original type material was accidentally destroyed in BEO. A corresponding specimen from BEOU has been designated as the lectotype.

Key words: typification, *Heliosperma*, *Silene*

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Heliosperma pusillum (Waldst. & Kit.) Rchb. [subsp. *moehringiifolium*] var. *pancicii* Niketić & Stevan. in Arh. Biol. Nauka 59(4): 392 (2007).

Type: Serbia: in scopulo Lazareva Reka, in saxosis, ad jugam montium, leg. N. Diklić, 23-Jun-1962, sub "*Silene quadridentata*" (Holotype: *s.n.* BEOU [destroyed]); Zlot [= Lazareva Reka Canyon], leg. S. Petrović, 1882, sub "*H. glutinosum* Zois" (Neotype [designated here]: 16445 BEOU, Fig. 1).

The type of this taxon cited in the protologue (NIKETIĆ *et al.* 2007: 392) obviously does not correspond to the factual state. With the exception of the locality ("Lazareva Reka") and the acronym of collection in which the type is conserved ("*s.n.* BEOU"), almost all of the other elements ("in saxosis, ad jugam montium, leg. N. Diklić, 23-Jun-1962, sub "*S. quadridentata*") coincide with another gathering of the related taxon, *H. pusillum* var. *diklicii* Niketić & Stevanović, cited on the same page. According to the authors themselves, those parts of the citation actually represent a typographic error.

Given that the rules of the ICBN (McNEILL *et al.* 2006) explicitly treat the original designation as a final (Art. 9, Note 1), we should only suggest a new 'ineffective' designation or propose to conserve the name with a different conserved type (Art. 14.9). A similar problem was discussed by YANG & WIERSEMA (2006) whose proposed additional ICBN codifications would allow corrections of some obvious errors in protologues. Fortunately, in this case, collecting number is not indicated ("*s.n.*") and there is also no specimen labeled as a type, which exactly matches the cited 'fictive' holotype. Thus, in keeping with Art. 9.9 we can assert that "the holotype has been lost or destroyed".

Since no additional material was noticed in the protologue (NIKETIĆ *et al.* 2007), a corresponding specimen from BEOU has been effectively designated as a neotype. This sample was originally identified as "*Heliosperma glutinosum* Zois" and collected by Sava Petrović in Lazareva Reka Canyon, but the label was obviously written by Josif Pančić. The name of the new

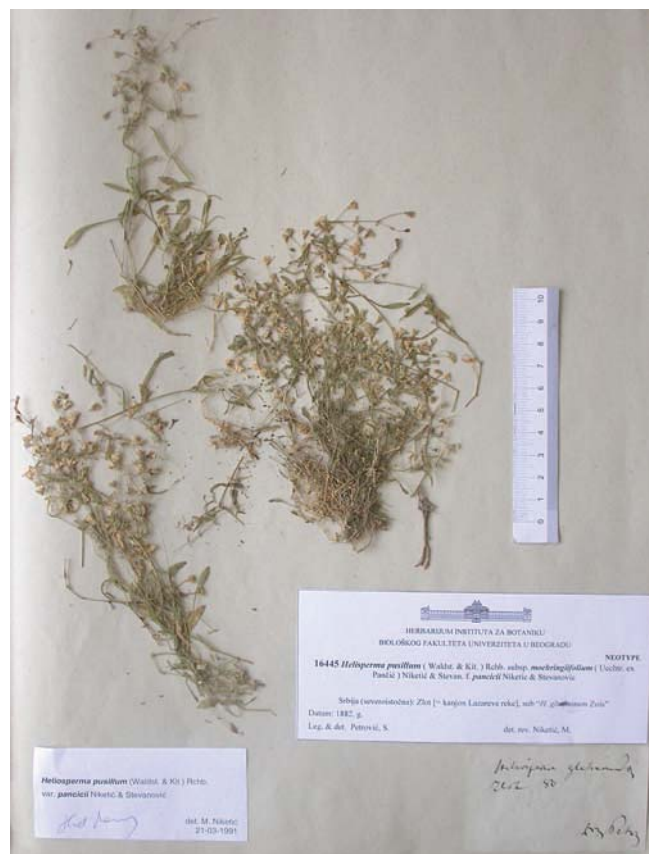


Fig. 1. *Heliosperma pusillum* var. *pancicii* Niketić & Stevan. – Neotype (BEOU).

intraspecific epithet is written on an additional label without type indication - det. M. Niketić 1991, sub “*Silene pusilla* var. *pancicii*”. It is interesting to note that PANČIĆ (1874: 168, in adnot.) previously mentioned “*Silene glutinosa* Zois” from the same locality as an ‘uncertain record’. Ten years later PANČIĆ (1884: 118) described a new species, *Silene moehringiifolia* Uechtr. ex Pančić, from Mt. Stol, not so far from the Lazareva Reka Canyon. Finally, NIKETIĆ *et al.* (2007) classified a newly-described taxon (*H. p.* var. *pancicii*) under *Heliosperma pusillum* subsp. *moehringiifolia* (Uechtr. ex Pančić) Niketić & Stevan.

***Silene sendtneri* Boiss. f. *slavnicii* Niketić & D. Lakušić** in Arh. Biol. Nauka 59(4): 394 (2007).

Type: Serbia: Mt Kopaonik (Sedlo-Treska), leg. anonim. 12-Jul-1987 (Holotype: 662/91 BEO [destroyed]); Mt Kopaonik (Sedlo-Treska), leg. anonim. 12-Jul-1987, 662-91, det. D. Lakušić sub “*Silene borysthonica* (Gruner) Walters (Lectotype [designated here]: 16446 BEOU, Fig. 2).

The type specimen of this taxon had been deposited in herbarium BEO. During 2008 a tobacco beetle appeared in part of the herbarium, and some portion of dried material was damaged. Unfortunately, the holotype of

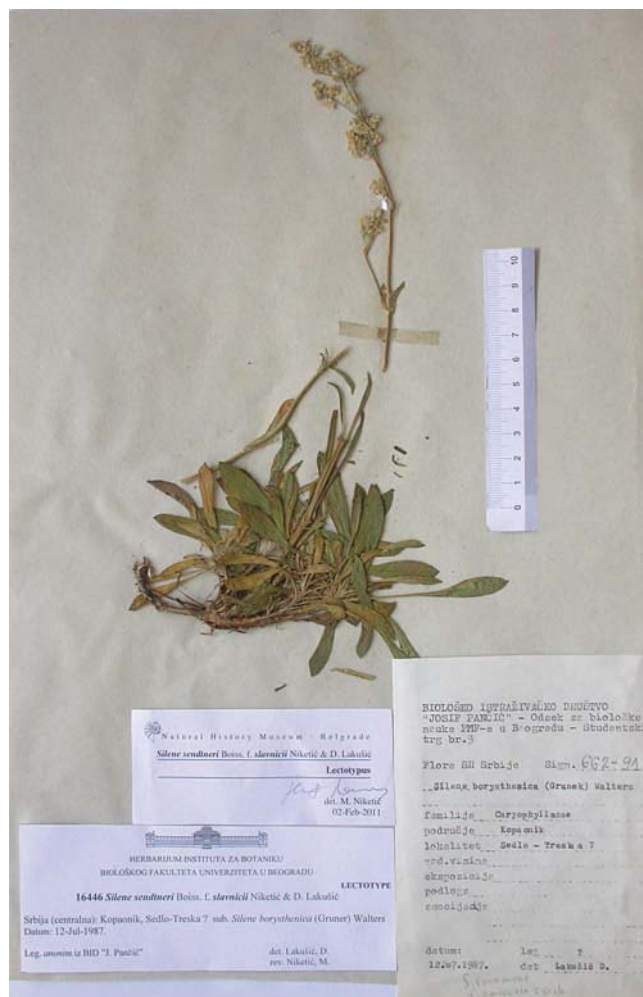


Fig. 2. *Silene sendtneri* f. *slavnicii* Niketić & D. Lakušić – Lectotype (BEOU).

Silene sendtneri f. *slavnicii* was completely destroyed. Since photographs of the holotype did not exist and no additional material was noticed in the protologue (NIKETIĆ *et al.* 2007), a retypification of the name was necessary.

On inspection of some other elements from the original collection, we have found a corresponding specimen in BEOU. The plant was gathered by an unknown collector in 1987, during a research expedition of the Biological Research Society “Josif Pančić”. This sample apparently represents a duplicate from the same gathering and has been designated as a lectotype.

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REZIME

Retipifikacija dva infraspecijska imena iz porodice *Caryophyllaceae*

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Heliosperma pusillum var. *pancicii* prvobitno je opisana 2007 godine. Prilikom navođenja nomenklaturnog tipa u jednom delu teksta potkrala se slovna greška koja je obesmisllila dalju upotrebu ovog imena. Zbog toga je, umesto komplikovane procedure predlaganja konzervacije imena, utvrđen neotip iz herbarijuma BEOU. *Silene sendtneri* f. *slavnicii* je takodje opisana u istom članku, ali je njen prvobitni tipski materijal kasnije, uništen u herbarijumu BEO. Zbog toga je odgovarajući novi primerak iz herbarijuma BEOU utvrđen kao lektotip.

Ključne reči: tipifikacija, *Heliosperma*, *Silene*

