

## TYPIFICATION OF *SENECIO CARPATHICUS* (ASTERACEAE)

ZBIGNIEW SZELAĞ & YURIY KOBIV

Zbigniew Szelağ, Pedagogical University of Cracow, Department of Botany, Podchorążych 2, 30-084 Kraków, Poland; e-mail: [azszelag@wp.pl](mailto:azszelag@wp.pl)

Yuriy Kobiv, Institute of Ecology of the Carpathians, National Academy of Sciences of Ukraine, Kozelnytska Str. 4, 79026 Lviv, Ukraine; e-mail: [ykobiv@gmail.com](mailto:ykobiv@gmail.com)

*Senecio carpathicus* Herbich was described from specimens collected by Franz Herbich at Morskie Oko Lake in the Tatras, Western Carpathians, southern Poland (Herbich 1831). *Senecio carpathicus* is an Carpathian-Balkan endemic and occurs in the highest massifs of the Carpathians (Poland, Romania, Slovakia, Ukraine) and the Balkan Peninsula (Albania, Bosnia and Herzegovina, Bulgaria, Greece, Macedonia, Montenegro, Serbia) (Jäger 1992: distribution map).

Herbich (1791–1865), a botanist and military medical doctor (for more details of Herbich's activity see Köhler 2015) visited the Tatra Mts in 1829 and 1830 (Herbich 1834). During his second trip to the Tatras he explored the Morskie Oko glacial cirque, where he found *S. carpathicus* (Herbich 1834: 562).

Continuing the revision of Herbich's collection (Szelağ & Kobiv 2014) in the herbarium of the Ivan Franko National University of Lviv (LW), we discovered three specimens collected by Herbich in the Tatras in 1830. One of them (LW 128057) comes from Morskie Oko lake mentioned in the protologue. Here we designate this specimen as the lectotype of the name *S. carpathicus* (Fig. 1).

Two other specimens from the Tatras (LW 128053, 128058) were collected by Herbich from localities not enumerated in the protologue.

*Senecio carpathicus* Herbich

Fig. 1

Addit. ad Fl. Galic.: 43. 1831. – *S. abrotanifolius* var. *carpathicus* (Herbich) Rehmman, Verh. Zool-Bot. Ges.

Wien 18: 491. 1868. – *S. abrotanifolius* subsp. *carpathicus* (Herbich) Nyman, Consp. Fl. Eur.: 356. 1879. – *Jacobea abrotanifolia* subsp. *carpathica* (Herbich) B. Nord. & Greuter, Willdenowia 36: 711. 2006. – *Herbichia abrotanifolia* Zawdzki, Flora 15: 630. 1832, nom. illeg. (Art. 52.1). – TYPE LOCALITY: 'In alpinis supra lacum Morskie Oko an nives'. – LECTOTYPE (designated here): [Poland] in Carpatis principalibus (Tatra) circuli Sandeciensis ad lacum Morskie Oko [...], Julio 1830, *F. Herbich* (LW 128057).

– '*Senecio abrotanifolius* L.' sensu Wahlenb., Fl. Carpat. Princip.: 266. 1814, non L. Spec. Plant.: 869. 1753.

OTHER HISTORICAL MATERIAL: [Slovakia] infra Lomnizer Spitze, August 1830, *F. Herbich* (LW 128053); [Slovakia] in Carpatis principalibus Tatra, alpinus Scepusiensibus die Hintere Leiten, August 1830, *F. Herbich* (LW 128058).

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**Fig. 1.** Lectotype of *Senecio carpathicus* Herbich (LW 128057).

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