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Senecio vinodii nom. nov., a replacement name for *S. austriacus* Herborg (Asteraceae)

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Abstract

A new name, *Senecio* × *vinodii* R. Kr. Singh & Arigela, is proposed here as a replacement name for *S.* × *austriacus* Herborg, because the name is illegitimate and a later homonym of *S. austriacus* (Jacq.) E. H. L. Krause.

INTRODUCTION

The genus *Senecio* L. (Asteraceae: Senecioneae) consists of about 1465 species worldwide (POWO 2023; Singh 2023). In Austria, the genus is represented by 19 taxa, namely *S.* × *austriacus* Herborg [*S. cacaliaster* Lam. × *S. hercynicus* Herborg], *S. cacaliaster* Lam., *S. doria* L., *S. doronicum* (L.) L. subsp. *doronicum*, *S. fontanicola* Grulich & Hodálová, *S.* × *heimerlii* Müllner [*S. rupestris* Waldst. & Kit. × *S. sylvaticus* L.], *S.* × *helwingii* Beger ex Hegi [*S. vernalis* Waldst. & Kit. × *S. vulgaris* L.], *S.* × *herborgii* C. Jeffrey [*S. hercynicus* Herborg × *S. ovatus* (G. Gaertn., B. Mey. & Scherb.) Willd.], *S. inaequidens* DC., *S. nemorensis* L. subsp. *glabratus* (Herborg) Oberpr., *S. nemorensis* L. subsp. *jacquinianus* (Rechb.) Čelak., *S. ovatus* (G. Gaertn., B. Mey. & Scherb.) Willd. subsp. *ovatus*, *S. rupestris* Waldst. & Kit., *S. sarracenicus* L., *S. sylvaticus* L., *S. umbrosus* Waldst. & Kit., *S. vernalis* Waldst. & Kit., *S. viscosus* L. and *S. vulgaris* L. subsp. *vulgaris* (POWO 2023).

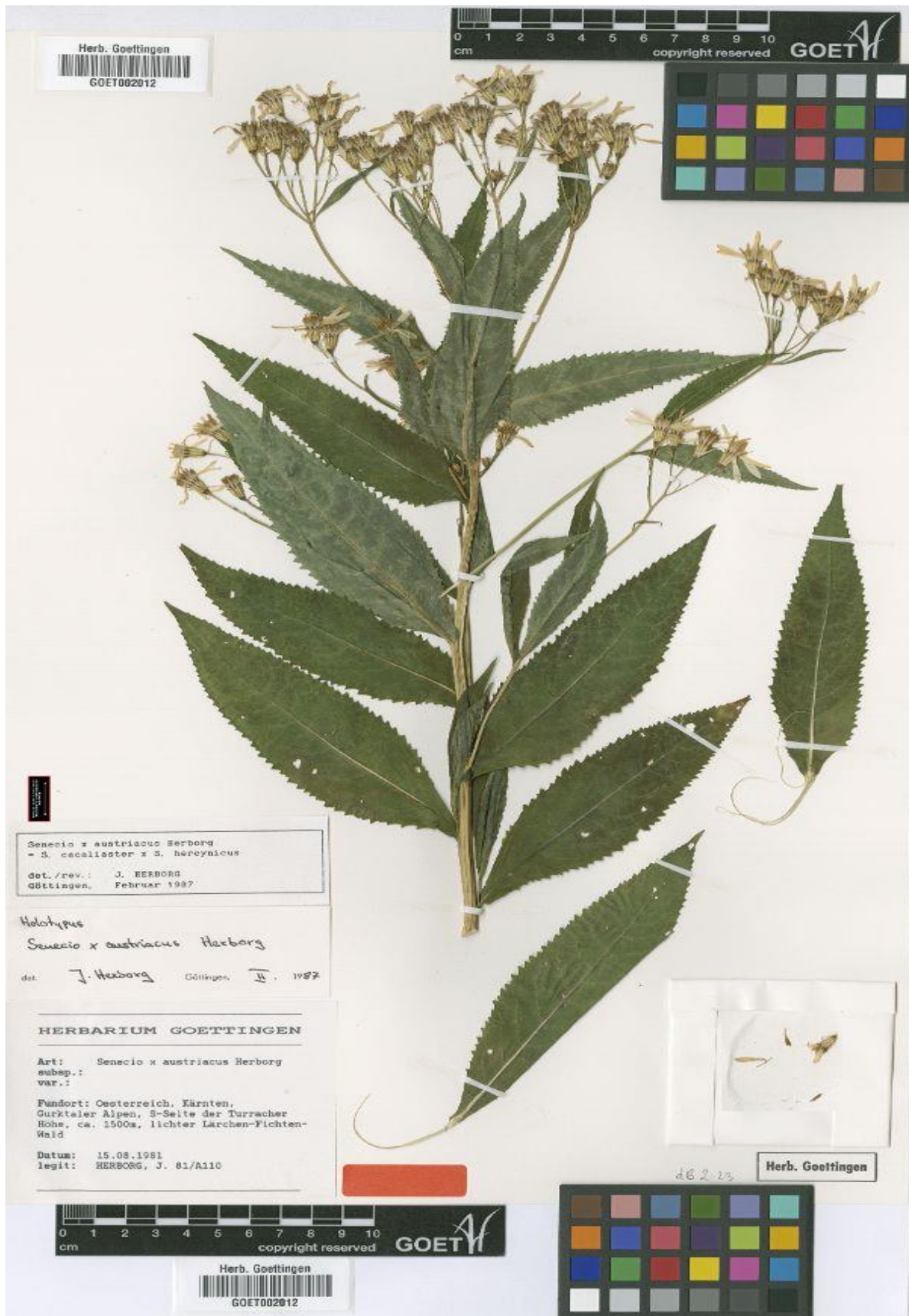


Figure 1: Holotype of *Senecio* × *austriacus* Herborg (GOET002012, © Herbarium Göttingen)



Figure 2: Isotype of *Senecio x austriacus* Herborg (GOET008679, © Herbarium Göttingen)

However, the hybrid species name *Senecio* × *austriacus* Herborg (1987: 195) is illegitimate due to being a later homonym of *S. austriacus* (Jacq.) E.H.L.Krause (1905: 94), as per Article 53.1 of the ICN (Turland et al. 2018). Therefore, a new name, *S. × vinodii* R.Kr.Singh & Arigela, is proposed as a replacement name for *S. × austriacus* Herborg. In POWO (2023), *S. × kernerii* Blocki ex Nyman [*S. doria* L. × *S. sarracenicus* L.] is shown as an accepted hybrid species name and is native to Austria, but the protologue lacks taxonomic description and type information. Therefore, we considered it a dubious species.

NOMENCLATURE

Senecio × *vinodii* R.Kr.Singh & Arigela, *nom. nov.*

≡ *Senecio* × *austriacus* Herborg, Diss. Bot. 107: 195. 1987, *nom. illeg., non* (Jacq.) E.H.L.Krause, *Deutschl. Fl.* (Sturm), ed. 2. 13: 94. 1905.

Holotype: Austria, Österreich, Kärnten, Gurktaler Alpen, S-Seite der Turracher Höhe, Lichter Lärchen-Fichtenwald, 1500 m, 15 August 1981, *J. Herborg 81/A110* (GOET002012!, Figure 1); isotypes GOET008679! (Figure 2), M0030300!.

Paratypes: Austria, Österreich, Kärnten, Gurktaler Alpen, S-Seite der Turracher Höhe, Lichter Lärchen-Fichtenwald, 1700 m, 6 August 1985, *J. Herborg s.n.* (GOET008256!, GOET008255!).

Distribution: Endemic to Austria.

Etymology: Named after Mr. Vinod Maina, Former Scientist 'E', Botanical Survey of India, Arid Zone Regional Centre, Jodhpur, Rajasthan for his significant contributions to the Indian ethnobotany and flora.

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