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Lectotypification of ×*Anthepleurospermum gruetterianum* (Asteraceae)

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Lectotypification of ×*Anthepleurospermum gruetterianum* (Asteraceae). – Acta Mus. Siles. Sci. Natur. 65: 101-103, 2016.

Abstract: ×*Anthepleurospermum gruetterianum*, a validly published name for the hybrid between *Anthemis arvensis* and *Tripleurospermum inodorum*, is lectotypified.

Key words: *Anthemis arvensis*, *Tripleurospermum inodorum*, hybrid, lectotype, plant taxonomy.

Introduction

×*Anthepleurospermum gruetterianum* (Asch.) Rothm. (Asteraceae) was proposed by Rothmaler (1963) as a new combination for the hybrid between *Anthemis arvensis* L. and *Tripleurospermum inodorum* (L.) Sch. Bip. The basionym refers to *Anthe-Matricaria gruetteriana* Asch. which was published by Ascherson (1891) as a condensed formula for the hybrid discovered and described by Grütter (1891). Since no type specimen is designated, we propose the specimen from the Herbarium of the Institute of Ecology and Environment Protection of the Nicolaus Copernicus University in Toruń (TRN) as a lectotype. It was collected by Grütter in 1891 in Luszkówko, north-central Poland (formerly Luschkowko in the Province of West Prussia), one of the two localities cited by Ascherson (1891).

Results and discussion

×***Anthepleurospermum gruetterianum*** (Asch.) Rothm., Exkursionsflora von Deutschland IV: 325. 1963. ≡ *Anthe-Matricaria gruetteriana* Asch., Ber. Deutsch. Bot. Ges. 9: 99. 1891. ≡ ×*Tripleurothemis gruetteriana* (Asch.) P.D. Sell in Sell & Murrell, Fl. Gr. Brit. Ireland 4: 556. 2006. – Lectotype (here designated): Poland, Westpreussen, Kreis Schwetz, Luschkowko, 2 July 1891, *M.E.H. Grütter s.n.* (TRN!). Fig. 1.
= ×*Tripleurothemis inolens* (P. Fourn.) Starm., Carinthia II 195/115(2): 524. 2005.

According to McKenzie (2001), ×*Anthepleurospermum* Rothm. is the earliest validly published condensed formula for the hybrids between *Anthemis* L. and *Tripleurospermum* Sch. Bip. Therefore, ×*Tripleurothemis* Stace, a nothogeneric name proposed by Stace (1990), is superfluous and must be treated as a synonym. In consequence, two other combinations, i.e. ×*Tripleurothemis inolens* (P. Fourn.) Starm. and ×*Tripleurothemis gruetteriana* (Asch.) P.D. Sell (Starmühler 2005, Sell & Murrell 2006), must be placed into synonymy of ×*Anthepleurospermum gruetterianum*. Regarding the publication of ×*Tripleurothemis inolens*, we found that Starmühler (2005) cited the incorrect date of publication of the basionym, namely '1828' instead of 1928 (Fournier 1928). It is also worth noting that Sell in the publication of ×*Tripleurothemis gruetteriana* (Sell & Murrell 2006) cited the basionym with an error using the nothogeneric name '*Anthemimatricaria*' instead of *Anthe-Matricaria*.

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Fig 1: Lectotype of ×*Anthepleurospermum gruetterianum* deposited in TRN.

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