

P. Pablo Ferrer-Gallego

Typification of the Linnaean name *Viola arborescens* L. (*Violaceae*)

Abstract

Ferrer-Gallego, P. P.: Typification of the Linnaean name *Viola arborescens* L. (*Violaceae*). — Fl. Medit. 23: 11-13. 2012. — ISSN: 1120-4052 printed, 2240-4538 online.

The typification of the name *Viola arborescens* L. (*Violaceae*) is discussed. An icon from Barrelier 1714 is designated as the lectotype. A herbarium sheet conserved in VAL and BC is designated as the epitype.

Key words: Lectotype, Linnaeus, nomenclature, *Viola*.

Introduction

Currently, there are many taxa whose nomenclatural type is still unknown. Several worldwide projects are ongoing to find the original materials used to describe vascular plant taxa and to identify the onomatophore types and the *loci classici* (e.g., Jarvis 2007; Domina & al. 2012; <http://gpi.myspecies.info>; http://www.mellon.org/internet/grant_programs/programs/conservation).

Viola arborescens L., which grows in rocky places and thickets in Portugal, Spain, Morocco, Algeria, Italy (only in Sardegna), and France, is characterised by being woody and corky at the base, ascending, pubescent, with linear-lanceolate, acute leaves, the stipules in this species consist of a great linear-lanceolate segment and on the base outer side of 1-2 very short linear-lanceolate lacinae, and whitish or pale violet flowers. It is related to *V. scorpiuroides* Cosson, which differs by broadly ovate to elliptical, acute leaves, linear stipules, and yellow flowers (Greuter & Rechinger 1967: 58-59; Valentine & al. 1968: 282). The name *V. arborescens* has not been typified as yet (Jarvis 2007).

Typification

Linnaeus's protologue consists of a diagnostic phrase: *caule fruticoso foliis lanceolatis integerrimis*, two synonym entries, and the indication of provenance: *Habitat in Hispania*. The first synonym is from Tournefort (1719: 421): *Viola hispanica fruticosa longifolia*, and the second from Barrelier (1714: 77): *Viola hispanica fruticans*. This second synonym is accompanied by an illustration (Barrelier 1714: t. 568), which is consistent with Linnaeus's (1753) original diagnosis and the current application of the name. That illustration is here designated as lectotype of the name *Viola*



Fig. 1. Lectotype of *Viola arborescens* L., [icon] in Barrelier, Pl. Galliam: t. 568. 1714.

arborescens, because no original material is extant in either the Linnaean Herbarium at LINN and S-LINN or other herbaria (BM, L, UPS) where specimens seen by Linnaeus can be found.

Viola arborescens L., Sp. Pl.: 935. 1753.

Lectotype (designated here): [icon] in Barrelier, Pl. Galliam: t. 568. 1714 (Fig. 1). Epitype (designated here): [Spain], Valencia, Alzira, La Murta, 19-I-2013, *Ferrer-Gallego* (VAL215843; isoeotype: BC636314).

The epitype gathering was made in the locality cited by Barrelier (1714: 77) as *In deserto la Murtha dicto sex leucis ad urbe Valentia* [...].

References

- Barrelier, J. 1714. *Plantae per Galliam, Hispaniam et Italiam observatae, iconibus aeneis exhibitae*. – Paris.
- Domina, G., Giusso del Galdo, G., Gargano, D., Labra, M., Peccenini, S., Peruzzi, L. & Raimondo, F. M. 2012. The Italian Loci Classici Census. – *Taxon* **61**(6): 1351-1353.
- Greuter, W. & Rechinger, K. H. 1967. *Flora der Insel Kythera, gleichzeitig Beginn einer nomenklatorischen Überprüfung der griechischen Gefäßpflanzenarten*. – *Boissiera* **13**.
- Jarvis, C. E. 2007. *Order out of chaos. Linnaean plant names and their types*. – London.
- Tournefort, J. P. de 1719: *Institutiones rei herbariae*. 3^a ed., **1**. – Paris.
- Valentine, D. H., Merxmüller, H. & Schmidt, A. 1968: *Viola* L. – Pp. 270-282 in: Tutin, T. G., Heywood, V. H., Burges, N. A., Moore, D. M., Valentine, D. H., Walters, S. M. & Webb, D. A. (ed.) *Flora europaea*, **2**. – Cambridge.

Address of the author:

P. Pablo Ferrer-Gallego,

Centro para la Investigación y Experimentación Forestal (CIEF), Servicio de Vida Silvestre, Generalitat Valenciana, Av. Comarques del País Valencià, 114, E-46930 Quart de Poblet. E-mail: flora.cief@gva.es

