

Gianniantonio Domina

Typification of the name *Kleinia mandraliscae* Tineo (*Asteraceae*)

Abstract

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The rediscovery of the original material of *Kleinia mandraliscae* Tineo is reported. A lectotype is designated, superseding the neotype recently proposed on the basis of the alleged loss of all original material.

Introduction

Kleinia mandraliscae was first described in 1855 by Vincenzo Tineo on the basis of specimens collected by his disciple Enrico Pirajno baron of Mandralisca on the island Volcano (Tineo, 1855) in the Aeolian Islands, where it was known under the vernacular name 'Erba di caddri' (grass against corns). This taxon is problematic under different aspects. About twenty years later, Lojacono (1878) did not find any wild specimens in the Volcano's *locus classicus* but observed some individuals growing in pot on the close island Lipari and referred them to an exotic ornamental plant of likely hybrid origin. *K. mandraliscae* was later treated as close to *K. ficoides* Haw., which is native to the Cape Region and naturalized to the Aeolian Islands (Fiori 1925; Pignatti 1982). Also Chater (1976) considered it as doubtfully native to the Aeolian Islands. Finally, Rowley (1994) specified that many cultivated plants are today traded under that name but without nomenclatural consistency, instead, *K. mandraliscae* actually refers to a distinct South African species yet undescribed until Tineo's (1855) description based on originally cultivated specimens.

Kleinia mandraliscae is still cultivated on both Lipari (Pasta 2003) and Volcano islands and at Cefalù (N-Sicily), where it was presumably introduced by Mandralisca himself from the Aeolian Islands.

As regards nomenclature, on the basis of the alleged loss of all original material, a specimen collected by Mandralisca on the island Lipari and sent to Parlatore (FI) in 1858, was recently proposed as neotype (Pasta 2003).

More recently, in the frame of the revision of a herbarium fragment once belonged to Mandralisca (Domina & Mazzola 2005), original material of *K. mandraliscae* has been found both in the *Herbarium Mediterraneum Panormitanum* (PAL) and in the *Neapolitanum* one (NAP), where the collections of Vincenzo Tineo and the doubles he

used to send to Giovanni Gussone, one of his best friends, are respectively hosted.

In the Sicilian section of the *Herbarium Mediterraneum Panormitanum* (PAL), two specimens are kept: one collected on Vulcano in 1855 and the other, bearing a label handwritten by Vincenzo Tineo, on Lipari. The former (PAL 9807) is a portion of the full specimen and its label bears almost the same words as the protologue, the latter (PAL 9808) is a smaller fragment with the flowers still in bud and labelled "*Kleinia mandraliscae* Tin., Lipari, Mandralisca". In Naples, a specimen collected in October 1855 and sent to Gussone by Tineo, is hosted in the Sicilian section of the Gussone's herbarium (NAP- Gs).

The lectotype of the name is then designated following the ICBN Art. 9.8.

Kleinia mandraliscae Tineo, Ann. Agric. Sicil., 3: 315 (1855).

Ind. loc.: In collibus aridis a Vulcano, Agosto-Octoberi.

Lectotype (here designated): (PAL 9807) "8 ottobre 1855, *Kleinia mandraliscae* Tin., Vulcano, rimessa da Enrico Pirajno Barone di Mandralisca, il primo che la rinvenne in detta isola, vulgo Erva di Caddi" [manu V. Tineo].

The neotype formerly designated is then superseded on the basis of ICBN Art. 9.11 e 9.17.

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Address of the author:

Gianniantonio Domina,

Dipartimento di Scienze Botaniche dell'Università di Palermo, Via Archirafi, 38 I-90123 Palermo, Italy.

E-mail: gdomina@unipa.it

