



## Typification of names in the genus *Thymus* (Lamiaceae)

FABRIZIO BARTOLUCCI<sup>1\*</sup> & JOHANNES WALTER<sup>2</sup>

<sup>1</sup>*Scuola di Bioscienze e Medicina Veterinaria, Università di Camerino – Centro Ricerche Floristiche dell'Appennino, Parco Nazionale del Gran Sasso e Monti della Laga, San Colombo, 67021 Barisciano (L'Aquila), Italy; e-mail: fabrizio.bartolucci@gmail.com*

<sup>2</sup>*Natural History Museum Vienna, Department of Botany, Herbarium W, Burgring 7, 1010 Vienna, Austria;*

*e-mail: johannes.walter@univie.ac.at*

*\*author for correspondence*

### Abstract

Nomenclatural types for 30 names of the genus *Thymus* are designated here. The following names are lectotypified: *Th. adriaticus*, *Th. albanus* subsp. *magellensis*, *Th. alsarensis*, *Th. alsarensis* var. *paucisetus*, *Th. belgradiensis*, *Th. benacensis*, *Th. boissieri* var. *ciliatopubescens*, *Th. brevicalyx*, *Th. britannicus*, *Th. chaubardii* subsp. *subisophyllus*, *Th. collivagus*, *Th. drucei*, *Th. istriacus*, *Th. froelichianus* subsp. *allionii*, *Th. lanicaulis*, *Th. lanuginosus* var. *pannonicus* f. *nicaeensis*, *Th. longicaulis* var. *frenyii*, *Th. longicaulis* var. *salonitanus*, *Th. longidens* var. *drabiscensis*, *Th. moesiacus* var. *turcicus*, *Th. neglectus*, *Th. poliothrix*, *Th. pseudoatticus*, *Th. pseudolanuginosus*, *Th. sarntheinii*, *Th. serpyllum* var. *arcticus*, *Th. sepyllum* var. *ligusticus*, *Th. serpyllum* var. *vallesiacus*, *Th. thracicus* var. *byzantinus* and *Th. zetlandicus*. Furthermore the new combination *Thymus zygiformis* var. *magellensis* is proposed.

**Key words:** epitype, Europe, Lamiaceae, lectotype, nomenclature, taxonomy

### Introduction

*Thymus* Linnaeus (1753: 590) can be considered one of the most critical genera of the Euro-mediterranean flora (Morales 2002, Federici *et al.* 2013). The process of typifying plant names is a basic step of taxonomical revisions and monographies. There is a strong need for typifying names in this genus as the bulk of names are nomenclaturally and taxonomically still not verified. The present paper is the third contribution dedicated to the typification of names in *Thymus* (Bartolucci *et al.* 2013, Bartolucci & Domina 2014) and is part of a series of studies concerning the taxonomic revision of this genus in Mediterranean area (Bartolucci 2010, Federici *et al.* 2013, Bartolucci & Peruzzi 2014, Bartolucci & Domina 2015).

The study is also carried out within the initiative “Italian Loci Classici Census” (Domina *et al.* 2012, Peruzzi *et al.* 2015), aimed to providing data on the original material of the plants described from Italy and neighbouring areas.

### Materials and methods

This work is based on the examination of the relevant literature and on the study of the specimens kept in the following public herbaria (acronyms according to Thiers 2015): APP, G, JE, PRC, W and WU. We also examined type specimens from A, HBG, JE, K, NY, PH at the website of JSTOR (<http://plants.jstor.org>). For the selection of types, protologues have been compared with original material and the most complete and informative specimens were selected (Art. 9.3 of the ICN, McNeill *et al.* 2012). The following taxa names with their new type designations are given in alphabetical order. For each taxon we list the type specimen citation and relevant data indicated in the protologue (“protologue citation”). If additional syntypes were detected besides the designated lectotypes, they have been verified (Arts. 9.3, 9.5 of the ICN, McNeill *et al.* 2012) and listed. Synonyms have been checked in all cases by consulted original material, and the current taxa names, if accepted here, are given. Further nomenclatural and/or taxonomical notes plus links to the available type scans are provided.