



## Corrections to *Phytotaxa* 230: New species and new combinations in *Micromeria* (Lamiaceae) from the Canary Islands and Madeira

PAMELA PUPPO<sup>1,2,\*</sup> & HARALD MEIMBERG<sup>2</sup>

<sup>1</sup>Research Center in Biodiversity and Genetic Resources (CIBIO) / InBio Associated Laboratory, University of Porto, Campus Vairão, 4485–661 Vairão, Portugal; email: p.puppo@cibio.up.pt, p\_puppo@hotmail.com

<sup>2</sup>Institute of Integrative Nature Conservation Research, University of Natural Resources and Life Sciences, 1180 Vienna, Austria

\*author for correspondence

Following the publication of *New species and new combinations in Micromeria (Lamiaceae) from the Canary Islands and Madeira* (Puppo & Meimberg 2015), two necessary corrections were brought to our attention.

### Correction 1

The name *Micromeria rupestris* (Webb & Berthelot 1844: 71) Puppo in Puppo & Meimberg (2015: 9) is an illegitimate later homonym of *M. rupestris* (Wulfen in Jacquin 1789: 130) Benth. in Candolle (1848: 225) and therefore requires a new name.

*Micromeria mahanensis* Puppo, *nom. nov.*

≡ *M. thymoides* (Solander ex Lowe 1831: 19) Webb & Berthelot (1844: 71) var. *rupestris* Webb & Berthelot (1844: 71) ≡ *Micromeria varia* Benth. (1834: 374) f. *rupestris* (Webb & Berthel.) Christ (1888: 133) ≡ *Micromeria varia* Benth. subsp. *rupestris* (Webb & Berthel.) Pérez de Paz (1978: 182) ≡ *Satureja ericifolia* (Roth 1800: 50) Willemse (1991: 83) subsp. *rupestris* (Webb & Berthel.) Willemse (1991: 84) ≡ *Satureja varia* Webb & Berthel. ex Briquet in Engler & Prantl (1896: 299) subsp. *rupestris* (Webb & Berthel.) Hansen & Sunding (1993: 7) ≡ *Micromeria rupestris* (Webb & Berthel.) Puppo in Puppo & Meimberg (2015: 9), *nom. illeg.*, non (Wulfen in Jacquin 1789: 130) Benth. in Candolle (1848: 225).

Type (lectotype, designated by Pérez de Paz 1978: 183):—SPAIN. Canary Islands, “in rupibus Lancerotta septentrionum”, *J. M. Despréaux* #28a (F1000234! as *Micromeria thymoides*, left hand individual in lower part of the sheet).

**Etymology:**—The new name of this species is derived from Mahan, the volcanic edifice that includes both Lanzarote and Fuerteventura islands (Fernández-Palacios *et al.* 2011), where this species occur.

**Notes:**—Pérez de Paz (1978) typified the name *M. thymoides* var. *rupestris* Webb & Berthel. (1844: 71) on the basis of a specimen collected in Lanzarote. The epithet “*rupestris*” cannot be used under *Micromeria* at species rank for this taxon due to priority of the name *M. rupestris* (Wulfen in Jacquin 1789: 130) Benth. in Candolle (1848: 225), a taxon currently regarded as synonym of *Clinopodium thymifolium* (Scopoli 1771: 428) Kuntze (1891: 516) (Bräuchler *et al.* 2008). The epitype of this species (designated by Bräuchler in Bräuchler *et al.* 2006: 980) was collected in Slovenia though the distribution of this taxon extends W to the adjacent parts of NE Italy and S along the Adriatic Sea to Montenegro and according to molecular data is not part of *Micromeria* (Bräuchler *et al.* 2005, 2010).

Also, the name *Micromeria thymoides* (Sol. ex Lowe) Webb & Berthel. is not available for plants from Lanzarote because it is permanently attached to the taxon of Madeira by typification (see *M. maderensis* Puppo & Bräuchler in Puppo & Meimberg 2015). According to Art. 53 of the ICN (McNeill *et al.* 2012), a new name is necessary for the taxon from Lanzarote.

### Correction 2

In Puppo & Meimberg (2015), the acknowledgements read: “This research was supported by the Fundação para a Ciência e Tecnologia (FCT) with a research grant to H.M. (PTDC/BIA-BEC/108866/2008)”. The complete reference to the funding agency should be: “This research was supported by the Fundação para a Ciência e Tecnologia (FCT) with a research grant to H.M. (PTDC/BIA-BEC/108866/2008) co-financed by the Fundo Europeu de Desenvolvimento Regional (FEDER) through COMPETE—Programa Operacional Fatores de Competitividade (POFC) (FCOMP-01-0124-FEDER-008988)”.

## References

- Bentham, G. (1834) *Labiatarum Genera et Species*. James Ridgway & sons, London, 783 pp.
- Bräuchler, C., Meimberg, H. & Heubl, G. (2005) Polyphyly of the genus *Micromeria* (Lamiaceae) evidence from cpDNA sequence data. *Taxon* 54: 639–650.  
<http://dx.doi.org/10.2307/25065421>
- Bräuchler, C., Meimberg, H. & Heubl, G. (2006) New names in old world *Clinopodium* –the transfer of the species of *Micromeria* sect. *Pseudomelissa* to *Clinopodium*. *Taxon* 55: 977–981.  
<http://dx.doi.org/10.2307/25065692>
- Bräuchler, C., Ryding, O. & Heubl, G. (2008) The genus *Micromeria* (Lamiaceae), a synoptical update. *Willdenowia* 38: 363–410.  
<http://dx.doi.org/10.3372/wi.38.38202>
- Bräuchler, C., Meimberg, H. & Heubl, G. (2010) Molecular phylogeny of Menthinae (Lamiaceae, Nepetoideae, Mentheae) – Taxonomy, biogeography and conflicts. *Molecular Phylogenetics and Evolution* 55: 501–523.  
<http://dx.doi.org/10.1016/j.ympev.2010.01.016>
- Briquet, J. (1896) *Labiatae*. In: Engler, A. & Prantl, K. (Eds.) *Natürlichen Pflanzenfamilien* 4 (3a): 183–375.
- Bentham, G. (1848) *Labiatae*. In: Candolle, A.P. de (Ed.) *Prodromus Systematis Naturalis Regnis Vegetabilis* 12: 27–603.
- Christ, H. (1888) *Spicilegium canariense*. In: Engler, A. (Ed.) *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 9: 86–172.
- Fernández-Palacios, J.M., Nascimento, L. de, Otto, R., Delgado, J.D., García-del-Rey, E., Arévalo, J.R. & Whittaker, R.J. (2011) A reconstruction of Palaeo-Macaronesia, with particular reference to the long-term biogeography of the Atlantic island laurel forests. *Journal of Biogeography* 38: 226–246.  
<http://dx.doi.org/10.1111/j.1365-2699.2010.02427.x>
- Hansen, A. & Sunding, P. (1993) Flora of Macaronesia. Checklist of vascular plants. 4. revised edition. *Sommerfeltia* 17: 1–295.
- Jacquin, N. (1789) *Collectanea ad Botanicam, Chemicam et Historiam Naturalem* 2. Officina Wappleriana, Vienna, 374 pp.
- Kuntze, O. (1891) *Revisio Generum Plantarum*, vol. 2. A. Felix, Leipzig, 1011 pp.
- Lowe, R.T. (1831) Primitiae Faunae et Florae Maderae et Portus Sancti; sive Species quaedam Novae vel hactenus minus rite cognitae Animalium et Plantarum in his Insulis degentium breviter descriptae. *Transactions of the Cambridge Philosophical Society* 4: 1–66.
- McNeill, J., Barrie, F.R., Buck, W.R., Demoulin, V., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Marhold, K., Prado, J., Prud'Homme Van Reine, W.F., Smith, G.F., Wiersema, J.H. & Turland, N.J. (2012) *International Code of Nomenclature for algae, fungi, and plants (Melbourne Code) adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011*. [Regnum Vegetabile 154]. Gantner, Ruggell, 240 pp.
- Pérez de Paz, P.L. (1978) Revisión del género *Micromeria* Benth. (Lamiaceae-Stachyoideae) en la Región Macaronésica. *Instituto de Estudios Canarios, Monografías* 16: 1–306.
- Puppo, P. & Meimberg, H. (2015) New species and new combinations in *Micromeria* (Lamiaceae) from the Canary Islands and Madeira. *Phytotaxa* 230 (1): 1–21.  
<http://dx.doi.org/10.11646/phytotaxa.230.1.1>
- Roth, A.W. (1800) *Catalecta Botanica*, Fasciculus Secundus. Io. Fr. Gleditschiano, Leipzig, 258 pp.
- Scopoli, G.A. (1771) *Flora Carniolica*, Tom. I, Editio secunda. Impensis Ioannis Pauli Krauss, Vienna, 448 pp.
- Webb, P.B. & Berthelot, S. (1844) *Histoire Naturelle des Iles Canaries*, Tome troisième, Deuxième partie, Sectio III. Bureaux, Paris, 479 pp.
- Willemse, R.H. (1991) New Combinations and Names for Macaronesian *Satureja* Taxa (Labiatae). *Willdenowia* 21: 81–85.