



## Lectotypification of two Boissier's names in *Chamaemelum* (Anthemideae, Asteraceae)

Author: Inceer, Huseyin

Source: *Candollea*, 76(2) : 259-260

Published By: The Conservatory and Botanical Garden of the City of Geneva (CJBG)

URL: <https://doi.org/10.15553/c2021v762a6>

---

BioOne Complete ([complete.BioOne.org](https://complete.BioOne.org)) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at [www.bioone.org/terms-of-use](https://www.bioone.org/terms-of-use).

Usage of BioOne Complete content is strictly limited to personal, educational, and non-commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

---

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

# Lectotypification of two Boissier's names in *Chamaemelum* (Anthemideae, Asteraceae)

Huseyin Inceer

## Abstract

INCEER, H. (2021). Lectotypification of two Boissier's names in *Chamaemelum* (Anthemideae, Asteraceae). *Candollea* 76: 259–260. In English, English abstract. DOI: <http://dx.doi.org/10.15553/c2021v762a6>

Turkey appears to be a center of diversity for the genus *Tripleurospermum* Sch. Bip. (Anthemideae, Asteraceae) with c. 32 species among the c. 40 accepted species in the genus. Two Boissier's names *Chamaemelum conoclinium* Boiss. & Balansa and *Chamaemelum monticola* Boiss. & A. Huet are lectotypified and discussed.

## Keywords

*ASTERACEAE* – *Chamaemelum* – *Tripleurospermum* – Typification

---

Address of the author:

HI: Karadeniz Technical University, Faculty of Science, Department of Biology, 61080 Trabzon, Turkey.

E-mail: [inceer@ktu.edu.tr](mailto:inceer@ktu.edu.tr)

Submitted on May 5, 2021. Accepted on August 3, 2021.

First published online on October 13, 2021.

ISSN: 0373-2967 – Online ISSN: 2235-3658 – *Candollea* 76(2): 259–260 (2021)

© CONSERVATOIRE ET JARDIN BOTANIQUES DE GENÈVE 2021

## Introduction

The genus *Tripleurospermum* Sch. Bip. (*Anthemideae*, *Asteraceae*) comprises c. 40 species (OBERPRIELER et al., 2007). Turkey appears to be the foremost center of diversity of the genus, with c. 32 taxa.

The names *Tripleurospermum conoclinium* (Boiss. & Balansa) Hayek and *T. monticola* (Boiss. & A. Huet) Bornm. are lectotypified herein. These species were originally described by BOISSIER (1856: 27; 1859: 98) within the genus *Chamaemelum* Mill. from Turkey. Scans of the two lectotypes can be found in the CHG (2021) website.

## Typification

*Tripleurospermum conoclinium* (Boiss. & Balansa) Hayek in Repert. Spec. Nov. Regni Veg. Beih. 30(2): 655. 1931.

- = *Chamaemelum conoclinium* Boiss. & Balansa in Boiss., Diagn. Pl. Orient. ser. 2, 6: 98. 1859. = *Matricaria conoclinia* (Boiss. & Balansa) Nyman, Consp. Fl. Eur.: 374. 1879.

Type: “Hab. in pascuis *Tmoli Yaïla de Bozdagh* dictis Bal. pl. exs. 1854 sub *Ch. trichophyllo*, in pratis humidis ad *Yachamichlar Keui Phrygiae* cl. Balansa 1857. Fl. Junio”.

**Lectotypus** (designated here): **TURKEY**: “Yachamichlar – Keui, à 8 km au nord d'Ouchak (Phrygie)”, 22.VI.1857, *Balansa 1279* (G-BOIS [G00743746] image!); isolecto-: G-BOIS [G00743752] image!, G [G00421036] image!, JE [JE00017342, JE00017343] images!, K [K000929400] image!, P [P00852191, P00852193] images!. **Syntypus**: **TURKEY**: “Yaïla de Bozdagh”, 17.VII.1854, *Balansa 30* (G-BOIS [G00743751] image!; isosyn-: G [G00421037] image!, BM [BM000945956-S] image!, JE [JE00017344] image!, K [K000929401, K000929402] images!, P [P00852182, P00852183, P00852192] images!, WAG [WAG0000618] image!).

*Notes.* – BOISSIER (1859: 98) listed two Balansa's collections in the protologue of the name *Chamaemelum conoclinium*, i.e., “Bozdagh dictis Bal. pl. exs. 1854” [*Balansa 30*] and “Phrygiae cl. Balansa 1857” [*Balansa 1279*]. A single specimen in G-BOIS [G00743746] bears a handwritten label with the field number 97 and identical information of *Balansa 1279* but with the annotation “Chamaemelum conoclinium sp. nov.” handwritten by Boissier. As pointed out by AL-SHEHBAZ & BARRIERA (2019: 12), in Balansa's collections it was frequent that the specimens bearing original handwritten labels were provisionally identified with a number and the duplicates distributed in printed labels with a different number. Those two specimens do therefore represent duplicates of the same collection. G00743746 is designated here as the lectotype of *C. conoclinium* because of the original label and the overall good conditions of the specimen.

*Tripleurospermum monticola* (Boiss. & A. Huet) Bornm. in Repert. Spec. Nov. Regni Veg. Beih. 89(2): 337. 1944.

- = *Chamaemelum monticola* Boiss. & A. Huet in Boiss., Diagn. Pl. Orient. ser. 2, 3: 27. 1856.

Type: “Hab. in *Armeniâ* circâ *Erzeroum* Huet du Pavillon! Calvert!”.

**Lectotypus** (designated here): **TURKEY**: “Erzeroum”, VII.1853, *Huet du Pavillon s.n.* (G-BOIS [G00764314] image!; isolecto-: K [K000929413, K000929414] images!). **Syntypi**: **TURKEY**: “Erzeroum”, 1854, *Calvert 30* (G-BOIS [G00764313] image!); “Erzeroum”, 1853, *Calvert 311* (G-BOIS [G00764316] image!).

*Notes.* – Collections by Huet du Pavillon and Calvert were cited in the protologue of the name *Chamaemelum monticola* by BOISSIER (1856: 27). Three syntypes are deposited in G-BOIS: *Calvert 30, 311* and *Huet du Pavillon s.n.* The latter specimen bears a label with Boissier's handwriting and is designated here as the lectotype of *C. monticola*. The lectotype is a 4-part specimen that unambiguously fits with the diagnostic morphological characters stated in the original description.

## Acknowledgements

The author thanks Fred Stauffer and Laurence Loze (G) for providing the digital images of the original material and Gabrielle Barreira, Joel Calvo and Martin Callmänder (G) for improving an earlier version of the manuscript.

## References

- AL-SHEHBAZ, I.A. & G. BARRIERA (2019). Typification of Edmond Boissier's Cruciferae (Brassicaceae) names enumerated in *Flora Orientalis*. *Boissiera* 72.
- BOISSIER, E. (1856). *Diagnoses plantarum orientalium novarum* ser. 2, 3. Leipzig.
- BOISSIER, E. (1859). *Diagnoses plantarum orientalium novarum* ser. 2, 6. Leipzig, Paris.
- CHG [CATALOGUE DES HERBIERS DE GENÈVE] (2021). *Base de données des herbiers en ligne des Conservatoire et Jardin botaniques de Genève*. [<http://www.ville-ge.ch/musinfo/bd/cjb/chg/index.php?lang=en>]
- OBERPRIELER, C., R. VOGT & L.E. WATSON (2007). Tribe Anthemideae Cass. In: KADEREIT, J.W. & C. JEFFREY (ed.), *The families and genera of vascular plants* 8: 342–374, Springer-Verlag.