

Hieracium filifloccum Arv.-Touv., the correct name for *H. macrodontoides* (Zahn) Zahn

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Abstract. The revision of *Hieracium* specimens in the Arvet-Touvet herbarium (GRM) revealed the identity of *H. filifloccum* and *H. macrodontoides*. The more recent name *H. macrodontoides* must therefore be transferred to the synonymy and replaced by *H. filifloccum*.

Key words: *Asteraceae*, *Hieracium* s.str., lectotypification, nomenclature

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Introduction

Hieracium sect. *Glauciformia* (Freyn) Zahn is an endemic section of the Balkan Peninsula comprising only a few species. The type species, *H. heterogynum* (Froel.) Gutermann is characterised by striking blue-green leaves with very long, bristly hairs on the margins, a type of indument that is otherwise unknown in this shape in other species of the genus *Hieracium* s. str. *Hieracium heterogynum* is also special in ecological terms, as it is probably the most drought-resistant of all European *Hieracium* species.

The leaf colour and type of indument are also found in some similar species described from the Balkans. These include *H. melanotrichum* a species with clearly glandular hairs on the peduncles and phyllaries. It was already described by Kerner (1874). However, the name is a more recent homonym of *H. melanotrichum* described by Reuter (in Brun & Huet du Pavillon 1853: very short diagnosis, 1854: full la-

tin description), which belongs to *H. prenanthoides* (Zahn) Zahn. Later, the same taxon was described by K.H. Zahn at the rank of a subspecies, based on a different type, and then upranked to a species by the same author. Therefore, currently the species is known as *H. macrodontoides* (Zahn) Zahn.

The aim of the present article is to provide the correct name of the latter taxon from the *Hieracium* sect. *Glauciformia*.

Material and methods

Plant specimens from the Arvet-Touvet herbarium stored at the Grenoble Natural History Museum (GRM, abbreviation after Thiers, updated continuously) have been carefully examined morphologically. Relevant literature, e.g. Arvet-Touvet (1907), Zahn (1922), etc. have been consulted to reveal the nomenclature history of the studied taxa.



Fig. 1. *Hieracium filifloccum*, lectotype (GRM).



Fig. 2. *Hieracium filifloccum*, indument of glandular hairs of peduncle and phyllaries.

Results and discussion

Casimir Arvet-Touvet (1841-1913) was an *Hieracium* specialist and rendered outstanding contributions to the exploration of the Western Alpine and Pyrenean Hieracia, but he also occasionally made new descriptions of *Hieracium* taxa found outside his area. The revision of *Hieracium* specimens in his herbarium (GRM) revealed that the species so far considered as *H. macrodontoides* had in fact been described earlier as *H. filifloccum* Arv.-Touv. (Arvet-Touvet 1907).

In the protologue of *H. filifloccum*, Arvet-Touvet explicitly refers to the “poilus-glanduleux”, which are of importance here as a diagnostic feature. It is therefore surprising that Zahn, the monographer of the genus, even though he did not see the specimens in the

Arvet-Touvet herbarium but knew the publication, listed the species as a synonym of *H. heterogynum*, at that time still *H. stuposum* (Rchb.) Rchb.f. (Zahn 1922: 963). This should therefore be corrected.

In the Arvet-Touvet herbarium there are stored three specimens under the name *H. filifloccum*. They were collected by Sagorski in Montenegro and St. Lager and G. Vandas in Bosnia-Herzegovina. However, the specimen from St. Lager belongs to *H. tommasianum* K. Malý, due to the lack of glandular hairs.

The specimen collected by G. Vandas, revised by J. Freyn, is mentioned in the protologue and shows the typical abundant glandular hairs on peduncles and phyllaries. It is therefore selected here as lectotype for the name *H. filifloccum*.

As result we can present the following history of nomenclature:

Hieracium filifloccum Arv.-Touv., Annuaire Conserv. Jard. Bot. Genève 10: 112 (1907)

Ind. loc.: „assez répandue en Herzégovine, dans le Montenegro, en Albanie, enfin sur toute la côte occidentale de la péninsule des Balkans: Herzégovine austr. Trébinje, in montibus als viam inter et Begovykoritz et Visoca glavice, 1600 m, 11 Aug. 1886, leg. G. Vandas! (ex herb. Freyn!); Montenegro, in graminosis nemorosis versus 1100 m., leg. Sagorski; Albania, leg. Baldacci, Iter albanum septimum n. 186! etc.“

Lectotypus, designated here: „Herbarium J. Freyn. Hercegovina austr. Trebinje. In montibus ad viam inter et „Begový Korito“ et „Visoke glavice“ (1600 m). 11/8 1886, leg. G. Vandas.“ GRM-MHNGr_1914_N45390 (figs. 1, 2).

= *Hieracium melanotrichum* A. Kern., Oesterr. Bot. Z. 24: 170 (1874), nom. illeg. non Reuter (1853)

= *Hieracium macrodontoides* (Zahn) Zahn, Repert. Spec. Nov. Regni Veg. 6: 236 (1909)

≡ *Hieracium macrodon* subsp. *macrodontoides* Zahn in Koch, Syn. Deut. Schweiz. Fl. ed. 3, 2: 1794 (1901)

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