

Typification of some *Hieracium* (Asteraceae) names published by Swedish authors

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Seventy-eight names of apomictic *Hieracium* taxa described from Sweden and Estonia are typified with specimens kept in S and UPS. Some nomenclatural problems are briefly discussed. Accepted names are given for synonyms.

Key words: Asteraceae, *Hieracium*, nomenclature, typification

During the long history of *Hieracium* studies in Fennoscandia, numerous taxa of this genus, which is represented in Fennoscandia mostly by apomictic forms, were discovered. Almost all of them were described during the period 1875–1950 when the so-called Scandinavian tradition in hieraciology was established, well known for its recognition of species as the basic taxonomic level. As no work on *Hieracium* taxonomy has been done since the 1950s, many old scattered critical articles with species descriptions have still not been properly re-evaluated according to modern standards of taxonomy and nomenclature. In order to attach a number of existing names to well-delimited taxa, an attempt of taxonomic revision of the *Hieracia* of several Swedish provinces was done by Tyler (1998), complemented by a revision of nomenclature and lectotypification of names in current use (Tyler 2000).

When I studied the *Hieracium* taxonomy and nomenclature, in particular during revisions of the species of NW Russia, Finland and the Baltic countries, I checked a part of the vast *Hieracium* collections kept at S and UPS. As a

result, some changes in the synonymy and some nomenclatural corrections appeared to be necessary. This paper contains lectotypifications of 78 *Hieracium* names applied to Swedish and Estonian taxa. Correct nomenclatural citations and accepted names are provided for each.

Nomenclatural problems

As pointed out by Tyler (2000), the typification of most *Hieracium* names is not difficult. However, some cases need to be discussed here.

In all cases where publication of diagnoses of new species by H. Dahlstedt was accompanied by editing of his *Exsiccata*, I have tried to find material suitable for typification in the relevant exsiccates. The main reason for such a preference is that Dahlstedt usually was very careful when identifying this material, and the purpose of these *Exsiccata* was to communicate his concepts to other botanists.

Nomenclatural confusion was caused by a revision by Almquist (1881). His treatment

predates both the monographs by Dahlstedt and the treatments of other authors who recognised so-called “microspecies” in this genus. Almquist provided Latin descriptions of several new taxa at the rank of subspecies. He numbered his new subspecies but left them unnamed. These taxa were later given valid names ascribed to Almquist by other authors, often with mere reference to the numbered subspecies. As required by ICBN (Greuter *et al.* 2000: Art. 7.7), the types of such names should be selected from the context of the validating diagnosis; in this case, from those of Almquist (1881). In a few cases, the relevant names were effectively published in the indices accompanying Dahlstedt’s *Exsiccata* (not on the labels!), with direct reference to the diagnoses in the list of taxa. This fact points to the nomenclatural importance of all printed parts of the *Hieracium Exsiccata* (Tyler 2000, Sennikov 2002), previously completely ignored.

In contrast to his treatment of the *Hieracium murorum* and *H. vulgatum* groups, Almquist (1881) discussed in detail three taxa of the *Caesia* group: *Hieracium caesium* subsp. *caesium*, *H. caesium* subsp. *laeticolor* Almq. and *H. caesium* subsp. *basifolium* Fr. *ex* Almq. The two latter subspecies were first named in this work. As stated by Tyler (2000), these names were originally *nomina nuda*. But in fact they were validated in the original paper by references to descriptions of *H. caesium* in two earlier *Hieracium* treatments: Almquist (1871) for subsp. *laeticolor*, and Lindeberg (1877) for subsp. *basifolium*, because Almquist wrote that these descriptions represent not the typical *H. caesium* but the newly introduced taxa. Therefore the types of the names in question should be selected from the material used by Almquist and Lindeberg, respectively. The name *H. caesium* subsp. *basifolium* was already typified by Tyler (2000) as *H. murorum* subsp. *basifolium* Fr. *ex* Stenstr. 1889, and despite the ambiguity of the author designation, this choice can stand because it fits both diagnoses concerned.

A still unresolved taxonomic question is the name *Hieracium caesium* Fr., which has probably been misinterpreted during the history of

its application. Awaiting a study of this particular problem, here I consistently employ the name *H. caesium* “*sensu* Dahlst.”, i.e. as currently used.

In treatment of the synonyms, I accept three names that are seemingly not in current use in Sweden: *Hieracium subcaesium* (Fr.) Lindeb. for the former *H. caesiiflorum* Almq. *ex* Norrl. (following Hackman & Sennikov 1998, Sennikov 2000), *H. tridentatum* (Fr.) Fr. (syn. *H. linifolium* auct. in Hackman & Sennikov 1998, Sennikov 2000; *H. savo-karelicum* Norrl.), and *H. ravidum* Brenner for the former *H. galbanum* (Dahlst.) Brenner (Sennikov 1999a, 2000). The original material of the former two of these names is not available yet but since the taxonomy and especially nomenclature of the Scandinavian *Hieracia* are still far from established, I think that using these old names is appropriate at least as a temporary solution.

One more critical synonymization made here, synonymizing *Hieracium variabile* Lönnr. with *H. parvifolium* P. Afzel., is commented on separately.

The transfers of names for the forms of *Hieracium ravidum* will be published in the text of my *Hieracium* treatment in the *Flora of the Baltic Countries* 3 (in press).

Proposals on typification

Hieracium alphostictum Dahlst.

Bih. Kongl. Sv. Vet.-Akad. Handl. 27(3, 13): 43. 1901. — Lectotype (designated here): Estonia. Insula Osilia [= Saaremaa], Oio, 15.VII.1899 *Skottsberg & Vestergren s.n.* (S!). — Synonymized here with *H. tridentatum* (Fr.) Fr.

The type specimen is pictured in the *Estonian Flora* (Üksip 1961). When described, this taxon was attributed to the group *Vulgata*, contrary to the preliminary report where it was subordinated as subspecies to *Hieracium rigidum* (Skottsberg & Vestergren 1901). In fact, it represents a “pseudophyllopede” form of *H. tridentatum* (referred to as *H. linifolium* in Hackman & Sennikov 1998) and often occurs in many places within its distribution area.

***Hieracium anfractiforme* Almq. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 108. 1893. — Lectotype (designated here): Sweden. Östergötland locis duris apertis in pascuis ad Borgmästarehagen prope Linköping, 15.VI.1885 *Dahlstedt* in *Dahlstedt*, Hier. Exs. 3: No. 43 (S!; isolectotypes S!, H!). — Accepted and homotypic name: *H. anfractifolium* Dahlst. ex Johanss. (Johansson 1927).

***Hieracium caesio-murorum* Lindeb. var. *umbraticum* Johanss. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 47. 1894. — Lectotype (designated here): Sweden. Gotland in aggere lapidoso litorali in pineto ad Färösund, 29.VI.1890 *Johansson* in *Dahlstedt*, Herb. Hier. Scand. 2: No. 48 (S!; isolectotypes S!, H!). — Synonymized here with *H. caesio-murorum* Lindeb.

***Hieracium caesium* (Fr.) (subsp. *variabile* (Lönnr.) Dahlst. var. *angustilobum* Dahlst.) f. *fracidodes* Johanss. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 29. 1894. — Lectotype (designated here): Sweden. Gotland loco arido aprico ad Färösund, 15.VII.1890 *Johansson* in *Dahlstedt*, Herb. Hier. Scand. 2: No. 20 (S!; isolectotype H!). — Synonymized here with *H. ravidum* Brenner, var.

***Hieracium caesium* (Fr.) Fr. (subsp. *exaltatum* Dahlst.) var. *pexum* Johanss. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26 (3): 37. 1894. — Lectotype (designated here): Gotland, Ar, 1884 *Almquist s.n.* (S!; isolectotypes S!). — Synonymized here with *H. orarium* Lindeb.

This name belongs to a very polymorphic complex of races with rather little difference in morphology: *Hieracium orarium* Lindeb. (syn. *H. kuusamoënsë* Vainio, *syn. nov.*), *H. constringens* Norrl. (syn. *H. gravastellum* (Dahlst.) Brenner) and *H. prolatum* Johanss. (syn. *H. rossicum* Schljak.). The former two are rather widespread in Fennoscandia (and *H. orarium* reaches the Lake Baikal in the East), whereas *H. prolatum* is seemingly endemic to the Baltic region. Among these three, var. *pexum* is most

similar to *H. orarium* in length and density of glandular hairs on the involucrem.

***Hieracium caesium* (Fr.) Fr. (subsp. *galbanifolium* Dahlst.) f. *obscurifolium* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 32. 1894. — Lectotype (designated here): Sweden. Gotland, Färösund, 1887 *Almquist s.n.* (S!). — Synonymized here with *H. ravidum* Brenner.

***Hieracium caesium* (Fr.) Fr. (subsp. *galbanum* Dahlst.) f. *atrum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 22. 1894. — Lectotype (designated here): Sweden. Östergötland, Wäderstad, Bossgård, stubbängen, 1884 *Dahlstedt s.n.* (S!). — Synonymized here with *H. ravidum* Brenner, var.

The type of this name belongs to a form of *Hieracium ravidum* having phyllaries nearly without stellate hairs.

***Hieracium caesium* (Fr.) Fr. (subsp. *galbanum* Dahlst.) var. *divaricans* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 24. 1894. — Lectotype (designated here): Sweden. Gotland, Ar i Fleringe, 1887 *Almquist s.n.* (S!; isolectotype S!). — Synonymized here with *H. ravidum* Brenner.

***Hieracium caesium* (Fr.) Fr. (subsp. *laeticolor* Almq.) var. *subprolixum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 43. 1894. — Lectotype (designated here): Sweden. Östergötland, in collibus lapidosis herbidis ad Graby parociae Sund, 14.VII.1889 *Dahlstedt* in *Dahlstedt*, Hier. Exs. 1: No. 72 (S!; isolectotypes S!, H!). — Synonymized here with *H. laeticolor* (Almq.) Lönnr.

***Hieracium caesium* (Fr.) Fr. (subsp. *ravusculum* Dahlst.) var. *subcanitosum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 17. 1894. — Lecto-

type (designated here): Sweden. Östergötland, Ydre, N. Vi, Rödskulla, 13.VII.1883 *Dahlstedt s.n.* (S!; isolectotypes S!). — Synonymized here with *H. ravidulum* (Dahlst.) Johanss.

***Hieracium caesium* (Fr.) Fr. (subsp. *variabile* (Lönnr.) Dahlst.) f. *subgalbanum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 27. 1894. — Lectotype (designated here): Sweden. Gotland, Ar i Fleringe, 1887 *Almquist s.n.* (S!; isolectotype S!). — Synonymized here with *H. ravidulum* Brenner, var.

***Hieracium caesium* (Fr.) Fr. (subsp. *variabile* (Lönnr.) Dahlst. var. *angustilobum* Dahlst.) f. *turbinatum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 29. 1894. — Lectotype (designated here): Sweden. Gotland, Fårösund, 1887 *Almquist s.n.* (S!; isolectotypes S!). — Synonymized here with *H. ravidulum* Brenner.

***Hieracium caesium* (Fr.) Fr. f. *approximans* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 13. 1894. — Lectotype (designated here): Sweden. Blekinge, Boråkra, 3.VII.1884 *Lübeck s.n.* (S!). — Synonymized here with *H. caesium sensu* Dahlst.

***Hieracium caesium* (Fr.) Fr. subsp. *albipes* Dahlst.**

Bih. Kongl. Sv. Vet.-Akad. Handl. 27(3, 13): 39. 1901. — Holotype: Estonia. Insula Osilia [= Saaremaa], Vido in monte Vidoberg [= Viidumäe], 10.VII.1899 *Skottsberg & Vestergren s.n.* (S!). — Synonymized here with *H. ravidulum* Brenner, var. (“*H. atrum* Dahlst.” with very dark phyllaries).

***Hieracium caesium* (Fr.) Fr. subsp. *galbanifolium* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 30. 1894. — Lectotype (designated here): Sweden. Gotland, Rute socken i en lund nedanför Gerungs bland stenar på solbelyst mark, 2.VII.1882 *Lönnroth s.n.* (S!). — Synonymized here with *H. parvifolium* P. Afzel.

This specimen was annotated by K. J. Lönnroth as “*H. microphyllum* mihi (forma media inter *H. parvifolium* P. Afzel. et *H. orarium* Lindeb.”.

***Hieracium caesium* (Fr.) Fr. subsp. *meridionale* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 252. 1894. — Lectotype (designated here): Sweden. Gotland ad Skäggs par. Vestkinde in prato humidiusculo locis apertis, 29.VI.1892 *Johansson* in Dahlstedt, Herb. Hier. Scand. 4: No. 25 (S!; isolectotypes H!, S!). — Accepted and homotypic name: *H. prolatatum* Johanss. (Johansson 1927).

***Hieracium caesium* (Fr.) Fr. subsp. *sublustre* Johanss. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 34. 1894. — Lectotype (designated here): Sweden. Gotland loco aperto aprico ad Fårösund, 29.VI.1890 *Johansson* in Dahlstedt, Herb. Hier. Scand. 2: No. 21 (S!; isolectotypes S!, H!). — Synonymized here with *H. ravidulum* Brenner, var.

***Hieracium caesium* (Fr.) Fr. subsp. *submetaliceps* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 253. 1894. — Lectotype (designated here): Sweden. Gotland ad Bjerges in aggere aprico viae ferreae, 3.VII.1892 *Johansson* in Dahlstedt, Herb. Hier. Scand. 4: No. 13 (S!; isolectotypes S!, H!). — Synonymized here with *H. caesium sensu* Dahlst.

The type belongs to a form of *Hieracium caesium* with more abundant stellate hairs on the involucreum.

***Hieracium caesium* (Fr.) Fr. (subsp. *variabile* (Lönnr.) Dahlst.) var. *angustilobum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 27. 1894. — Lectotype (designated here): Sweden. In pascuis prope Flenvik parociae Hangvar Gotlandiae, 12.VII.1881 *Lönnroth s.n.* (S!; isolectotypes S!). — Synonymized here with *H. parvifolium* P. Afzel.

***Hieracium caesium* (Fr.) Fr. var. *chondroides* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 14. 1894. — Lectotype (designated here): Sweden. Gotland, i en lund mellan Gerungs och Risungs i Rute socken åt norra sidan, 2.VII.1882 *Lönnroth s.n.* (S; isolectotypes S). — Synonymized here with *H. ravidum* Brenner, var.

***Hieracium canitosum* Dahlst. ex Malme**

Bot. Not. 1890: 90. 1890. — *H. sylvaticum* (L.) Gouan subsp. *canitosum* (Dahlst. ex Malme) Dahlst., Bot. Not. 1892: 155. 1892. — Lectotype (designated here): Sweden. Östergötland, Marmorbruket, skuggiga kalkkluffor, 6.VII.1875 *Almquist s.n.* (S!). — Accepted name (Johansson 1927, Tyler 1998).

The epithet “*canitosum*” first appeared as *nomen nudum* in *Exsiccata* (Dahlstedt, Hier. Exs. 2: No. 41. 1889). It was validated for the first time as a species name among subspecies of *Hieracium sylvaticum* that is technically correct. The validation was made by mere reference to “*Hieracium murorum* L. subsp. 2 var. 1 Almqu., Stud. Släkt. Hier.: XIII (1881)”. The subspecies by H. Dahlstedt mentioned above includes all the original material of *H. canitosum*, being under the previous edition of the ICBN (Greuter *et al.* 1994: Art. 52.1) not a nomenclatural synonym of the latter because of difference in ranks and clearly expressed intention that it is a new taxon. But under the current edition of the ICBN (Greuter *et al.* 2000: Art. 33.2) the subspecies name validated by Dahlstedt should be treated as based on the species name by Malme, because the former also “applies to the same taxon” and “would otherwise be validly published as the name of a new taxon”. The same lectotype should be designated for both these names, and the authorship of the subspecies name is correctable to “(Malme) Dahlst.”. Therefore the choice of the lectotype for *H. sylvaticum* subsp. *canitosum* (= “*H. canitosum* (Dahlst.) Dahlst.”) effectively published by Tyler (2000) is to be superseded because it has been made from the context of another diagnosis (Dahlstedt 1892b, not Almquist 1881). All the labels of the original material in S have been rewritten by H. Dahlstedt. Here I select as lectotype the specimen having the most complete label which fully agrees with the protologue.

***Hieracium cruentatum* Lübeck ex Stenstr.**

Värml. Archier.: 44. 1889. — Lectotype (designated here): Sweden. Värmland, Arvikatrakten, Vik, 10.VII.1886 *Holmgren s.n.* (S!; isolectotypes S!). — Synonymized here with *H. basifolium* (Fr. ex Almqu.) Lönnr.

The type represents a form of *Hieracium basifolium* with more numerous glandular hairs on phyllaries.

***Hieracium fasciculare* Fr.**

Uppsala Univ. Årsskr. 1862: 21 (1862). — Lectotype (designated here): Norway. Christiania [= Oslo], in rupibus schistosus, Jul., *Blytt* in Fries, Herb. Norm. 12: 18 (UPS!; isolectotypes S!, H!, LE!). — Accepted name (Johansson 1927).

***Hieracium grandidens* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 126, 129. 1893. — Lectotype (designated here): Sweden. Östergötland, Trädgårdsföreningen ad Linköping in pratis graminosis, 20.VI.1886 *Dahlstedt* in Dahlstedt, Hier. Exs. 1: No. 54 (S!; isolectotypes S!, H!). — Synonymized by Schljakov (1989) with *H. sylvularum* Jord. ex Boreau.

A widespread European species, introduced in many Swedish parks.

***Hieracium grandidens* Dahlst. subsp. *torticeps* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 128. 1893. — Lectotype (designated here): Sweden. Östergötland, ad Sturefors in nemorosis lapidosis, 20.VI.1883 *Dahlstedt* in Dahlstedt, Hier. Exs. 1: No. 56a (S!; isolectotypes S!, H!). — Accepted and homotypic name: *H. torticeps* (Dahlst.) Dahlst. (Hylander 1943, Sennikov 1999b).

This species occurs in Sweden in parks only.

***Hieracium grophosum* (Dahlst. & Johanss.) Dahlst. var. *vilescens* Johanss.**

Bih. Sv. Vet.-Akad. Handl. 28(3, 7): 98. 1902. — Lectotype (designated here): Sweden. Dalarne, Osmundsberget, 16.VII.1898 *Johansson s.n.* (S!). — Synonymized here with *H. constringens* Norrl.

***Hieracium helsingicum* Almq. ex Dahlst. in Johanss.**

Bih. Sv. Vet.-Akad. Handl. 28(3, 7): 70. 1902. — Lectotype (designated here): Sweden. Helsingland ad Söderhamn in marginibus agrorum frequentissimum, 5.VII.1889 *Magnusson* in Dahlstedt, Hier. Exs. 2: No. 87 (S!; isolectotypes S!, H!). — Synonymized here with *H. laeticolor* (Almq.) Lönnr.

***Hieracium koehleri* Dahlst.**

Ark. Bot. 17(2): 8. 1921. — Lectotype (indicated by Hylander (1943: 197), designated here): Sweden. Södermanland ad Strengnäs in horto, 25.VI.1897 [corrected by Hylander (1943) as 23.VI.1897] *Köhler* in Dahlstedt, Herb. Hier. Scand. 11: No. 20 (S!; isolectotypes S!, H!). — Accepted name (Hylander 1943, Sennikov 2000).

The lectotype was first indicated by Hylander (1943) as “L, S — Typcollechte”, and this choice is restricted here to a specimen (Greuter *et al.* 2000: Art. 9.14). This species occurs in Sweden in parks only.

***Hieracium laeticolor* (Almq.) Lönnr. var. *caesiellum* Dahlst. in Lindm.**

Sv. Fanerogamfl.: 620. 1918. — Lectotype (designated here): Sweden. Herjedalen, loco macro in colle aprico ad Medskogen, 27.VII.1894 *Enander* in Dahlstedt, Herb. Hier. Scand. 10: No. 36a (S!; isolectotype H!). — Synonymized here with *H. laeticolor* (Almq.) Lönnr.

***Hieracium laeticolor* (Almq.) Lönnr. var. *miramarense* Almq. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 44. 1894. — Lectotype (designated here): Sweden. Helsingland ad Söderhamn in monte Vestra stadsberget frequens, 13.VI.1889 *Magnusson* in Dahlstedt, Hier. Exs. 2: No. 46 (S!; isolectotypes S!, H!). — Synonymized here with *H. laeticolor* (Almq.) Lönnr.

***Hieracium latilobum* Almq. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 166. 1893. — Lectotype (designated here): Sweden. Östergötland, Kärna s:n, Malmslätt, stark skugga i tallskog, 23.VI.1889 *Dahlstedt s.n.* (S!; isolectotypes S!). — Synonymized with *H. chlorellum* Norrl. by Johansson (1927).

***Hieracium lepidotum* Stenstr. (subsp. *metaliceps* Johanss. ex Dahlst.) var. *lageniceps* Johanss. ex Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 26(3): 122. 1894. — Lectotype (designated here): Sweden. Gotland ad Risungs par. Rute loco lapidoso in pineto, 22.VII.1891 *Johansson* in Dahlstedt, Herb. Hier. Scand. 2: No. 96 (S!; isolectotypes S!, H!). — Synonymized here with *H. ravidum* Brenner.

***Hieracium lineolatum* Dahlst. ex Johanss.**

Bih. Kongl. Sv. Vet.-Akad. Handl. 28(3, 7): 130. 1902. — Lectotype (designated here): Sweden. Dalarna, Rättviks s:n, Blecket, 4.VII.1901 *Johansson s.n.* (S!; isolectotype S!). — Synonymized here with *H. godbyense* (Norrl.) Norrl.

***Hieracium murorum* L. subsp. *glaucovirens* Dahlst. ex Stenstr.**

Värml. Archier.: 55. 1889. — Lectotype (designated here): Sweden. Värmland in betuletis ad Löfåsen paroeciae Borgvik, 6.VII.1885 *Stenström* in Dahlstedt, Hier. Exs. 3: No. 48 (S!; isolectotypes S!, H!). — Accepted and homotypic name: *H. subglaucovirens* (Zahn) Johanss. ex Sam. (Johansson 1927).

***Hieracium murorum* L. subsp. *laeticeps* Dahlst.**

Hier. Exs. 1: No. 69. 1889. — Lectotype (designated here): Norway. Torpen ad Kinn, Presterud et Hugelien quum in pratis humidioribus tum in collibus siccioribus sat frequens, 29.VII.1885 *Dahlstedt* in Dahlstedt, Hier. Exs. 1: No. 69 (S!; isolectotypes S!, H!). — Synonymized with *H. fulvescens* Norrl. by Johansson (1927).

***Hieracium murorum* L. subsp. *obtusulum* Stenstr.**

Värml. Archier.: 57. 1889. — Lectotype (designated here): Sweden. Värmland ad Gårdsjö paroeciae Gillberga, 14.VII.1885 *Stenström* in Dahlstedt, Hier. Exs. 2: No. 52 (S!; isolectotypes S!, H!). — Synonymized here with *Hieracium porrigens* (Almq. ex Malme) Dahlst.

The gathering with attached hand-written diagnosis by K. Stenström (“Värmland, Gillberga, Gårdsjö, 07.1882, K. O. E. Stenström”),

on the basis thereof the idea of describing the new subspecies apparently appeared, fits the original description but has non-typical phyllaries. Dahlstedt preferred another collection to represent this taxon in *Exsiccata*.

Hieracium murorum* L. subsp. *porrigens
Almq. ex Malme

Bot. Not. 1890: 92. 1890. — Lectotype (designated here): Sweden. Gotland i en äng vid Hesle i Fleringe socken, 1.VIII.1853 *Lönnroth s.n.* (S!). — Accepted and homotypic name: *H. porrigens* (Almq. ex Malme) Dahlst. (Dahlstedt 1894).

I treat this name as invalid in Lönnroth (1882) because it was not definitely accepted at that time although supplied with a description and ascribed to Almquist (Greuter *et al.* 2000: Art. 34.1a).

Hieracium murorum* L. subsp. *resupinatum
Almq. ex Stenstr.

Värml. Archier.: 58. 1889. — Lectotype (designated here): Sweden. Värmland, Bergviks socken, Löfåsen, 29.VII.1885 *Stenström s.n.* (S!). — Synonymized here with *H. porrigens* (Almq. ex Malme) Dahlst.

Hieracium murorum* L. subsp. *subrigidum
Almq. ex Stenstr.

Värml. Archier.: 61. 1889. — Lectotype (designated here): Sweden. Värmland ad Kohlsäter paroeciae Gillberga, 19.VII.1888 *Stenström* in Dahlstedt, Hier. Exs. 3: No. 52 (S!; isolectotypes S!, H!). — Accepted name: *Hieracium subrigidum* (Almq. ex Stenstr.) Dahlst. (Johansson 1927).

***Hieracium parvifolium* P. Afzel.**

Novit. Fl. Gotl.: 18. 1844, *nom. altern.* — *H. vulgatum* Fr. var. *parvifolium* P. Afzel., l. c., *nom. altern.* — Neotype (designated here): Sweden. Gotland, Kapellshamn, 1845 *Afzelius s.n.* (S!). — Accepted name.

No original material collected before the protologue of *Hieracium parvifolium* P. Afzel. was published was traced in S. The specimen cited by

Dahlstedt (1894) as relevant to this name is collected and designated by the author of the taxon and may keep the original application of the name. The epithet *H. parvifolium* was occupied by Link (1822) as a misprint for *H. porrifolium* L. This name should not be treated as validly published (Greuter *et al.* 2000: Art. 34.1a) because it was ascribed to C. von Linné and printed with direct reference to the *Species Plantarum* in Willdenow's edition (1803) where the correct form of this epithet is used. It is just a typographical error not accepted by Link, as many other misprints in his book (like "*H. Fruticosum*" instead of *H. [Hieracium] fruticosum*, "*L. Aspera*" instead of *B. [Borkhausia] aspera*). Specimens of *H. parvifolium* were correctly identified by Dahlstedt as *H. variabile* Lönnr. and therefore Afzelius' name has priority for this species. The name *H. parvifolium* was printed in the first part of the dissertation by Afzelius (1844) that was never continued (Staffleu & Mennega 1992). Unfortunately the description of *H. parvifolium* was cut between the first and the unpublished second part of the dissertation but the name is valid indeed. It was published in the form "*Hieracium* (vulgatum v.) *parvifolium* (mihi)" that may be treated (Sennikov 2002) as a condensed formula meaning the two alternative names accepted, *H. parvifolium sp. nova* and *H. vulgatum* Fr.

***Hieracium pediaeum* Stenstr.**

Bot. Tidsskr. 20: 229. 1896. — Lectotype (designated here): Denmark. Bornholm, på Højlyngen mellan Nexø och Almindingen, 6.VI.1890 *Stenström s.n.* (S!; isolectotypes S!).

This species was first reported from parks of Denmark (Hylander 1943).

***Hieracium porrigens* (Almq. ex Malme)**
Dahlst. f. ***extractipes*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 26(3): 56. 1894. — Lectotype (designated here): Sweden. Gotland i lunden straxt norr om Lunderhage i Fleringe socken, 28.VI.1882 *Lönnroth s.n.* (S!). — Synonymized here with *H. porrigens* (Almq. ex Malme) Dahlst.

The specimen selected as the type was annotated by K. J. Lönnroth as “*H. extractum* Lönnr. in sched.”.

***Hieracium porrigens* (Almq. ex Malme)**
Dahlst. subsp. ***opacum*** Lönnr. ex Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 26(3): 50. 1894. — Lectotype (designated here): Sweden. Wisby på kalkheden mellan Galgerget och Snäckgärdet, 18.VI.1882 *Lönnroth s.n.* (S!; isolectotype S!). — Accepted and homotypic name: *H. opacum* (Lönnr. ex Dahlst.) Johanss. (Johansson 1927).

***Hieracium porrigens* (Almq. ex Malme)**
Dahlst. subsp. ***pectinosum*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 26(3): 60. 1894. — Lectotype (designated here): Sweden. Vestmanland prope Skuggan ad Kungsör locis apertis, 24.VII.1890 *Porat* in Dahlstedt, Hier. Exs. 4: No. 75 (S!; isolectotypes S!, H!). — Synonymized here with *H. porrigens* (Almq. ex Malme) Dahlst.

***Hieracium porrigens* (Almq. ex Malme)**
Dahlst. subsp. ***reclinatum*** Almq. ex Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 26(3): 61. 1894. — Lectotype (designated here): Sweden. Vestmanland in Sandskogshagen locis lapidosis subumbrosis, 12.VII.1890 *Porat* in Dahlstedt, Hier. Exs. 4: No. 76a (S!; isolectotypes S!, H!). — Synonymized here with *H. subsimile* Norrl.

***Hieracium porrigens* (Almq. ex Malme)**
Dahlst. subsp. ***virenticeps*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 26(3): 53. 1894. — Lectotype (designated here): Sweden. Östergötland in collibus et versuris humidiusculis prati silvatici sparsim crescens ad Skällerud par. Väderstad, 10.VII.1886 *Dahlstedt* in Dahlstedt, Herb. Hier. Scand. 2: No. 33 (S!; isolectotype H!). — Synonymized here with *H. fulvescens* Norrl.

***Hieracium porrigens* (Almq. ex Malme)**
Dahlst. var. ***intermedium*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 26(3): 57. 1894. — Lectotype (designated here): Sweden. Upland, Värmdö, Brevik,

ängsbacke, 20.VII.1886 *Magnusson s.n.* (S!; isolectotypes S!). — Synonymized here with *H. porrigens* (Almq. ex Malme) Dahlst.

***Hieracium pumicatifolium* Johanss.**

Kongl. Sv. Vet.-Akad. Handl. 29(1): 102, 135. 1897. — Lectotype (designated here): Sweden. Visby, Skogslund, 5.VII.1895 *Johansson s.n.* (S!; isolectotype S!). — Synonymized here with *H. fulvescens* Norrl.

***Hieracium rigidum* Hartm. subsp.**
glareosum Lönnr.

Öfvers. Kongl. Sv. Vet.-Akad. Förh. 4: 87. 1882. — *H. rigidum* subsp. *griseellum* Dahlst., Hier. Exs. 3: No. 58, 59. 1889, *nom. superfl.* — *H. rigidum* subsp. *mixopolium* Dahlst., Kongl. Sv. Vet.-Akad. Handl. 26(3): 224. 1894, *nom. superfl.* — *H. griseellum* Dahlst. ex Brenner, Acta Soc. Fauna Fl. Fenn. 13(1): 7. 1895. — *H. mixopolium* Dahlst., Herb. Hier. Scand. 10: No. 89. 1896, *nom. superfl.* — Lectotype (designated here): Sweden. In aggere arenoso viae ferreae prope Brånahult paroeciae Madesjö Smolandiae, 24.VII.1881 *Lönnroth s.n.* (S!; isolectotype S!). — Synonymized with *H. godbyense* (Norrl.) Norrl. by Hackman & Sennikov (1998).

Described on the basis of a single gathering. The type collection represents a monstrous form with many additional flowering branches from the stem.

***Hieracium rigidum* Hartm. subsp.**
lineatum Almq. ex Stenstr.

Värml. Archier.: 72. 1889. — Lectotype (designated here): Sweden. Värmland ad Gårdsjö paroeciae Gillberga, 29.VII.1885 *Stenström* in Dahlstedt, Hier. Exs. 3: No. 68 (S!; isolectotypes S!, H!, LE!). — Accepted and homotypic name: *H. lissolepium* Zahn ex Johanss. (Johansson 1929, Sennikov 2000).

***Hieracium rigidum* Hartm. subsp.**
orbolense Stenstr.

Värml. Archier.: 62. 1889. — Lectotype (designated here): Sweden. Dalsland, Hesselskogs s:n, nära poststation, 27.VII.1888 *Stenström s.n.* (S!). — Accepted and homotypic name: *H. orbolense* (Stenstr.) Dahlst.

***Hieracium rigidum* Hartm. var. *ruberulum* Dahlst. ex Stenstr.**

Värml. Archier.: 69. 1889. — Lectotype (designated here): Sweden. Värmland, Bergviks socken, Löfåsen, 29.VII.1885 *Stenström s.n.* (S!). — Synonymized here with *H. godbyense* (Norrl.) Norrl.

***Hieracium sagittatum* (Lindeb.) Norrl. f. *streptodon* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 194. 1893. — Lectotype (designated here): Sweden. Gotland, Torsberg, 12.VI.1891 *Johansson s.n.* (S!; isolectotype S!). — Synonymized here with *H. oistophyllum* Pugsley.

***Hieracium sagittatum* (Lindeb.) Norrl. subsp. *striatum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 184. 1893. — Lectotype (designated here): Sweden. Småland, Öggestorp s:n, Romel-sjö, 18.VII.1891 *Johansson s.n.* (S!). — Synonymized here with *H. marginellum* (Dahlstr. ex Stenstr.) Dahlst.

The lectotype is a specimen of poor quality, but this choice is obligate from the protologue.

***Hieracium sagittatum* (Lindeb.) Norrl. var. *psarocepalum* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 195. 1893. — Lectotype (designated here): Norway. Torpen, Presterud, 26.VII.1885 *Dahlstedt s.n.* (S!). — Synonymized here with *H. oistophyllum* Pugsley.

***Hieracium serratifrons* Almq. ex Dahlst. subsp. *aethiops* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 88. 1893. — Lectotype (designated here): Sweden. Småland ad Svenstorp paroeciae Askeryd in prato macro humidiusculo locis subumbrosis, 24.VI.1884 *Dahlstedt* in Dahlstedt, Hier. Exs. 2: No. 36 (S!; isolectotypes S!, H!). — Synonymized here with *H. stenstro-emii* (Dahlst.) Dahlst.

This taxon is very close to *Hieracium serratifrons* Almq. ex Dahlst. and may be united with it.

***Hieracium stenolepis* Lindeb. f. *macranthum* Lönnr.**

Öfvers. Kongl. Vet.-Akad. Förh. 4: 56. 1882. — *H. sylvaticum* (L.) Gouan (subsp. *stenolepis* (Lindeb.) Almq.) var. *euryanthum* Dahlst., Kongl. Sv. Vet.-Akad. Handl. 25(3): 45. 1893. — Lectotype (designated here): Sweden. In clivo montis calcarei prope Bönders paroeciae Klinte Gotlandiae, 1.VII.1881 *Lönnroth s.n.* (S!; isolectotypes S!). — Synonymized here with *H. stenolepis* Lindeb.

Described on the basis of a single gathering directly indicated in the protologue.

***Hieracium stenolepis* Lindeb. var. *littorale* Lönnr.**

Öfvers. Kongl. Vet.-Akad. Förh. 4: 56. 1882. — Lectotype (designated here): Sweden. Gotland invid strandvägen mellan Fårösund och Utbunge i Bunge socken, 4.VII.1881 *Lönnroth s.n.* (S!; isolectotypes S!). — Synonymized here with *H. stenolepis* Lindeb.

***Hieracium strengense* G. Sam. ex Johanss.**

Ark. Bot. 21A(15): 47. 1927. — Lectotype (designated by Hylander (1943: 179), confirmed here): Sweden. Södermanland, Strängnäs, i Liljhagens trädgård, 15.VII.1924 *Samuelsson s.n.*, hand-written label by K. Johansson (S!); isolectotypes: Södermanland, Strängnäs, loco umbroso horti, 15.VII.1924 *Samuelsson* in Johansson & Samuelsson, Hier. Scand. Exs.: No. 459 (S!, H!).

The lectotype was first designated by N. Hylander as “S, coll. orig.”.

***Hieracium sublustre* (Johanss. ex Dahlst.) Johanss. var. *pectinellum* Johanss.**

Kongl. Sv. Vet.-Akad. Handl. 29(1): 100. 1897. — Lectotype (designated here): Sweden. Gotland loco subumbroso ad Skansvägen par. Ardre, VII.1892, *Vennersten* in Dahlstedt, Herb. Hier. Scand. 9: No. 61 (S!; isolectotypes S!, H!). — Synonymized here with *H. avidum* Brenner, var.

A monstrous form of “*H. sublustre*” with modified leaves.

Hieracium sylvaticum (L.) Gouan (subsp. ***caesiiflorum*** (Almq. ex Norrl.) Malme) f. ***galbaniforme*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 25(3): 52. 1893. — Neotype (designated here): Sweden. Östergötland, Trehörna s.n, Slangeryd, 13.VII.1886 *Dahlstedt s.n.* (S!). — Synonymized here with *H. subcaesium* (Fr.) Lindeb.

No gatherings marked as “*galbaniforme*” were traced in S. The specimen selected as the type bears the name “*Hieracium caesiiflorum* Almq.” only. Another gathering in S, being most suitable from the annotation by H. Dahlstedt (“*Hieracium sylvaticum* subsp. *caesiiflorum* Almq. modif.”), belongs rather to *H. ravidum* Brenner (syn. *H. galbanum* (Dahlst.) Dahlst.). This typification fixes the original position of this form.

Hieracium sylvaticum (L.) Gouan (subsp. ***sparsidens*** Dahlst.) var. ***incrassans*** Dahlst.

Hier. Exs. 2: No. 37. 1889. — Lectotype (designated here): Sweden. Helsingland prope Söderhamn ad Strand in marginibus fossarum agrorumque, 24.VI.1889 *Magnusson* in Dahlstedt, Hier. Exs. 2: No. 37 (S!; isolectotypes S!, H!). — Synonymized here with *H. stenstroemii* (Dahlst.) Dahlst.

Hieracium sylvaticum (L.) Gouan (subsp. ***stenolepis*** (Lindeb.) Almq.) f. ***obscuratum*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 25(3): 44. 1893. — Lectotype (designated here): Sweden. Östergötland, Omberg, Vestra Djurledet, 07.1883 *Andersson s.n.* (S!). — Synonymized here with *H. stenolepis* Lindeb.

This specimen was annotated by Dahlstedt as “*H. stenolepis* Lindeb. var. *obscuratum* Almq. ad int.”.

Hieracium sylvaticum (L.) Gouan (subsp. ***stenolepis*** (Lindeb.) Almq.) var. ***canulum*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 25(3): 45. 1893. — Lectotype (designated here): Sweden. Östergötland, Wist, Sturfors [= Sturefors]; 28.VI.1885 *Dahlstedt s.n.* (S!). — Synonymized here with *H. stenolepis* Lindeb.

Isolectotypes were distributed as *H. Dahlstedt*, Hier. Exs. 1: No. 39a with printed label “Suecia: Östergötland, ad Sturefors in nemoribus lapidosis 22.06.1885, H. Dahlstedt” (S!, H!).

Hieracium sylvaticum (L.) Gouan subsp. ***acrogymnon*** Malme

Bot. Not. 1891: 178. 1891. — Lectotype (designated here): Sweden. Södermanland, St. Malm, Kränkär, 26.VI.1890 *Andersson s.n.* (S!). — Synonymized here with *H. fuscocinereum* Norrl.

This taxon represents a form with leaves sparsely pilose on the upper side. Such plants sometimes occur in the northern part of *Hieracium fuscocinereum* area.

Hieracium sylvaticum (L.) Gouan subsp. ***albidulum*** Stenstr.

Värml. Archier.: 18. 1889. — Lectotype (designated here): Sweden. Värmland, Gillberga socken, Bråten (Anneberg), 2.VII.1888 *Stenström s.n.* (S!). — Synonymized here with *H. subcaesium* (Fr.) Lindeb.

Hieracium sylvaticum (L.) Gouan subsp. ***arrosus*** Stenstr.

Värml. Archier.: 14. 1889. — Lectotype (designated here): Sweden. Värmland, Borgviks socken, Södra Borgvik, [i stenig buskmark,] 23.VI.1885 *Stenström s.n.* (S!; isolectotypes S!).

The lectotype label lacks the text “i stenig buskmark”, completed here from an isolectotype. This name refers in fact to a taxon of *Hieracium* sect. *Vulgata*.

Hieracium sylvaticum (L.) Gouan subsp. ***coadunatum*** Dahlst.

Kongl. Sv. Vet.-Akad. Handl. 25(3): 47. 1894. — Lectotype (designated here): Sweden. Helsingland ad Söderhamn in monte Vestra stadtsberget, 17.VI.1889 *Magnusson* in Dahlstedt, Hier. Exs. 2: No. 21 (S!; isolectotypes S!, H!). — Synonymized here with *H. stenolepis* Lindeb.

***Hieracium sylvaticum* (L.) Gouan subsp. *expallidiforme* Dahlst. ex Stenstr.**

Värml. Archier.: 26. 1889. — Lectotype (designated here): Sweden. Värmland, Gillberga socken, Gårdsjö, Orrholmen, VI.1882 *Stenström s.n.* (S!; isoelectotype S!). — Accepted and homotypic name: *H. expallidiforme* (Dahlst. ex Stenstr.) Dahlst. (Johansson 1927).

***Hieracium sylvaticum* (L.) Gouan subsp. *hepaticolor* Stenstr.**

Värml. Archier.: 28. 1889. — Lectotype (designated here): Sweden. Värmland ad Anneberg prope Gårdsjö parociae Gillberga locis apertis lapidosis, 23.VI.1885 *Stenström* in Dahlstedt, Hier. Exs. 3: No. 39 (S!; isoelectotypes S!, H!). — Accepted and homotypic name: *H. hepaticolor* (Stenstr.) Dahlst. (Johansson 1927).

***Hieracium sylvaticum* (L.) Gouan subsp. *lackschewitzii* Dahlst.**

Bih. Kongl. Sv. Vet.-Akad. Handl. 27(3, 13): 27. 1901. — Holotype: Estonia. Insula Osilia [= Saaremaa], Sworbe [= Sörve], Bewaldeter Abhang bei der Villa “Waldesheim”, 18.VI.1900 *Lackschewitz* 1707 (S!). — Synonymized here with *H. pycnodon* (Dahlst.) Dahlst.

This taxon represents a form of *Hieracium pycnodon* with phyllaries nearly lacking stellate hairs and ciliae.

***Hieracium sylvaticum* (L.) Gouan subsp. *meticeps* Almq. ex Dahlst.**

Hier. Exs. 4: No. 57. 1891. — Lectotype (designated here): Sweden. Upland, 06.1865, *Almquist & Almquist* in R. Fristedt, Farmac. Växter 4: No. 7 (S!). — Synonymized here with *H. canipes* (Almq. ex Dahlst.) Dahlst.

***Hieracium sylvaticum* (L.) Gouan subsp. *oligolepium* Stenstr.**

Värml. Archier.: 34. 1889. — Lectotype (designated here): Sweden. Värmland, Arvika, Vik, 10.VII.1888 *Holmgren s.n.* (S!; isoelectotypes S!).

Very similar to *Hieracium lateriflorum* Norrl. and may be conspecific with it.

***Hieracium sylvaticum* (L.) Gouan subsp. *oxylepium* Dahlst.**

Kongl. Sv. Vet.-Akad. Handl. 25(3): 47. 1893. — Lectotype (designated here): Sweden. Helsingland locis apertis in margine silvae ad Strand prope Söderhamn, 28.VI.1888 *Magnusson s.n.* (S!; isoelectotypes S!). — Accepted and homotypic name: *H. oxylepium* (Dahlst.) Dahlst. (Johansson 1927).

***Hieracium sylvaticum* (L.) Gouan subsp. *praetenerum* Almq. ex Dahlst.**

Hier. Exs. 2: ind. (ad No. 39, 40). 1889. — *H. praetenerum* (Almq. ex Dahlst.) Dahlst., Herb. Hier. Scand. 1: No. 74. 1892. — Lectotype (designated here): Sweden. Södermanland, Tullinge, 1875 *Almquist s.n.* (S!).

This name was already lectotypified as “*H. praetenerum* Almq. ex Dahlst., Bidr. II p. 153 (1893)” with a specimen collected by S. Almquist in 1885. This nomenclature follows the tradition established in the *Hieracium* taxonomic literature (e.g. Schljakov 1989, Tyler 1998). Nevertheless, as mentioned in Johansson (1927), the original diagnosis for this taxon was provided by Almquist (1881) under “*H. sylvaticum* ssp. *pellucidum* var. 3 Almq. Stud. (1881) p. XX”. This diagnosis was directly referred to in the index to the Dahlstedt’s *Exsiccata* (1889–1891) under *H. sylvaticum* (L.) Gouan subsp. *praetenerum* Almq. ex Dahlst. that constitutes conditions of valid publication of this name (Sennikov 2002). Thus the type designation effectively published by Tyler (2000) should be superseded as it was made from the context of a non-validating diagnosis; the publication of this name in 1893 should be corrected to *H. praetenerum* (Almq. ex Dahlst.) Dahlst. (Greuter *et al.* 2000: Art. 33.2).

***Hieracium sylvaticum* (L.) Gouan subsp. *subcrassum* Almq. ex Dahlst.**

Hier. Exs. 2: ind. (ad No. 36). 1889. — Lectotype (P. D. Sell & C. West in sched.; designated here): Sweden. Söderman-

land, Brännkyrka s:n, Jakobsberg, Lyran, 1876 *Almquist s.n.* (S!; isolectotype S!). — Accepted and homotypic name: *H. subcrassum* (Almq. ex Dahlst.) Dahlst. (Johansson 1927).

***Hieracium sylvaticum* (L.) Gouan subsp. *submaculosum* Dahlst.**

Bih. Kongl. Sv. Vet.-Akad. Handl. 27(3, 13): 25. 1901. — Lectotype (designated here): Estonia. Insula Osilia [= Saaremaa], Mäpe, 13.VII.1899 *Skottsberg & Vestergren s.n.* (S!; isolectotypes S!). — Synonymized here with *H. prolixum* Norrl.

A drawing from the type specimen has been published in the *Estonian Flora* (Üksip 1961).

***Hieracium variable* Lönnr.**

Öfvers. Kongl. Sv. Vet.-Akad. Förh. 4: 73. 1882. — Lectotype (designated here): Sweden. Gotland, Hangvar s:n, Flenvik midh emot gården i en hage norr om landsvägen och vid densamma ej långt från Kapellshamn, 1.VIII.1853 *Lönnroth s.n.* (S!). — Synonymized here with *H. parvifolium* P. Afzel.

This species is very close to *Hieracium ravidum* Brenner, being distinguished by the presence of adpressed stellate hairs at the apex of phyllaries and a leafy stem.

***Hieracium vulgatum* Fr. var. *anfractum* Fr.**

Symb. Hist. Hierac.: 116. 1848. — Lectotype (designated here): Sweden. [Småland,] Elmas, Femsjö in Herb. Laestadius (UPS!; possible isolectotype UPS!). — Accepted and homotypic name: *Hieracium anfractum* (Fr.) Fr. (Johansson 1927, Tyler 1998).

The earlier lectotypification made by Tyler (2000) is to be superseded as made from the context of the diagnosis published under *Hieracium anfractum* Fr. in 1856.

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