



PHYTOTAXA

493

The type specimens in Eugen von Halácsy's *Herbarium Graecum*

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Abstract

Greece, as one of the European biodiversity hotspots, is long since in the focus of botanical investigations. Among historical researchers significantly contributing to the floristic and taxonomic exploration was Eugen von Halácsy, a Viennese physician and botanist. He was the first and so far last author of a complete Greek flora, the *Conspectus Florae Graecae*, and has compiled a seminal herbarium collection of plant specimens originating from Greece. This *Herbarium Graecum* of approx. 26,000 vouchers, is today held by the Herbarium of the University of Vienna (WU). Investigations for original material in this collection yielded a total of 1,439 (approx. 5.5 %) vouchers. The current type status was checked for the entire material, the vouchers were databased, photographed and geo-referenced, and the data are made publicly available here. These results are presented in an annotated catalogue including 19 lectotypifications, in order to contribute to the still extremely active field of plant biodiversity research in Greece.

Keywords: Balkan peninsula, biodiversity, Greece, lectotypification, nomenclature, typification, WU

Introduction

Greece is geographically situated in the Mediterranean Basin and thus part of the 25 global biodiversity hotspots (Myers *et al.* 2000). Due to its topography Greece exhibits an exceptionally high vascular plant biodiversity of more than 5,700 species with a high estimate of almost 1,300 (approx. 22%) endemics (Dimopoulos *et al.* 2013). This accounts for a long and still ongoing floristic and taxonomic investigation of the area. The earliest modern botanical exploration dates back to John Sibthorp and resulted in his illustrated *Flora Graeca* published in the first half of the 19th century (Sibthorp & Smith 1806–1840), followed by the seminal works of Pierre Edmond Boissier, *Diagnoses plantarum orientaliu*m (Boissier 1843–1859) and *Flora Orientalis* (Boissier 1867–1884). Among those researchers most important at the end of the 19th and the beginning of the 20th century was Eugen von Halácsy (1842–1913). The Viennese physician and outstanding botanist of Hungarian descent was the first and so far the last botanist to publish a complete flora of Greece. His *Conspectus Florae Graecae* (Halácsy 1900–1904), which he amended by two supplements (Halácsy 1908, 1912), was entirely written in Latin. The covered region follows the national borders of Greece at that time, however, including those parts of Epirus (comprising both the administrative region in the northwest of modern Greece as well as the southernmost parts of Albania) ruled by the Ottoman Empire and the Cretan State under Ottoman sovereignty (Halácsy 1902). Apart from the above described Epirus region the *Conspectus Florae Graecae* more or less includes the administrative regions of Thessaly, Central Greece, Attica, the South Aegean (but excluding the islands of Kalymnos, Karpathos, Kos and Rhodes), Crete, the Peloponnese, Western Greece and the Ionian Islands in modern Greece. Halácsy himself visited Greece only three times, in 1888 (Iter Graecum a. 1888) and 1893 (Iter Graecum Secundum) as well as in 1911 when he participated in a study trip organised by the University of Vienna (Hayek 1914).

In addition to his own collecting activities Halácsy conducted an extensive exchange of plant material with numerous leading botanists of that time and with collectors in Europe, predominantly in the Balkan Peninsula. This resulted in two vast herbarium collections, the *Herbarium Europaeum* comprising an estimated 100,000 vouchers and the *Herbarium Graecum* comprising approx. 26,000 vouchers mainly from Greece within its borders at the beginning of the 20th century. However, several vouchers originate from the present-day Greek administrative units of West Macedonia and Central Macedonia which were not covered by the *Conspectus Florae Graecae*, and a few presumably originated from the adjacent regions of present-day Albania, North Macedonia, Bulgaria and Turkey. It is unclear if these vouchers were intentionally placed in Halácsy's Greek collection or if this was due to erroneous later placement of vouchers actually originating from his European herbarium collection. Both herbarium collections are still kept separate at the herbarium of the University of Vienna (WU).

The basis of Halácsy's collection of Greek plants results from his friendship with Theodor von Heldreich (Hayek 1914), a German botanist, who came to Greece in 1843 and had been director of the Botanical Garden in Athens from 1851 until he died in 1902 (Stolberg-Wernigerode 1968). Halácsy even dedicated his *Conspectus* to Heldreich. The period of Heldreich starting in the 1840s is considered the "Golden Age" of intense floristic exploration in Greece (Dimopoulos *et al.* 2013). The other important collector of this period, who also significantly contributed to the *Herbarium Graecum*, was Theodoros Georgios Orphanides. Many of the vouchers are from collection series distributed to herbaria throughout Europe. In the late 19th and beginning of the 20th century this interest in the Greek flora continued, mainly driven by foreign botanists visiting Greece, like Antonio Baldacci or Heinrich Carl Haussknecht but also Greek collectors like Christos Leonis or Vasilios Tuntas (Strid & Tan 1997), whose gatherings are part of the *Herbarium Graecum*. Due to Halácsy's expertise in the Greek flora, collectors and scientists sent him one set of duplicates in exchange for revisions. Halácsy encouraged botanical field explorations in Greece, incorporated the results in his *Conspectus* as well as in his herbarium and in some cases he even distributed the series of exsiccata (Anonymous 1889, Reiser 1905).

This vast material, which includes the results of his first two trips to Greece, is the basis for the first three parts of the *Conspectus Florae Graecae*. The data he gained during his last trip, as well as a large set of duplicates from the University of Athens obtained via Spyridon Miliarakis and duplicates of gatherings by Tuntas and others were incorporated in the two supplements of the *Conspectus Florae Graecae* (cf. Hayek 1914).

Accordingly, this extensive collection of Greek plants harbours a large number of original material. On one hand the herbarium includes type specimens of taxa described by Halácsy himself. On the other hand Halácsy had obtained type specimens of taxa described by other botanists (in particular Boissier and Heldreich) by acquiring duplicates and series of exsiccata.

The compilation given below offers an exhaustive list of all taxa described by Halácsy based on his material deposited in the *Herbarium Graecum*. Additionally, the entire collection was scanned for type material of other authors. For the entire listed material the current type status according to the *International Code of Nomenclature for algae, fungi, and plants* (Turland *et al.* 2018) is provided, ambiguous cases are discussed in critical comments. All assumed syntypes and all vouchers already indicated as lectotypes *in herb.* were checked for published lectotypifications. Following the *Recommendation on the digitisation and online accessibility of cultural material and digital preservation* (European Commission 2011) label information, type status, high-resolution photographs and geo-referenced collecting localities are publicly available via Virtual Herbaria JACQ (JACQ consortium 2004 onwards).

A batch of Scrophulariaceae s.l. (Orobanchaceae: *Euphrasia*, *Pedicularis*, *Rhinanthus*; Plantaginaceae: *Linaria*; Scrophulariaceae: *Scrophularia*, *Verbascum*) vouchers that have been on long-term loan and returned to the herbarium WU only towards the end of the review process will be treated in a supplementary publication.

Material and methods

In a first step Halácsy's *Conspectus Florae Graecae* (1900–1912), which gives a more or less exhaustive register of all specimens in his *Herbarium Graecum* (in the compilation given below referred to as WU-Halácsy-Graec.), was searched for newly described taxa, in a second step all other relevant literature published by Halácsy was analysed.

In parallel the entire 176 fascicles of his collection were searched for corresponding original material. In the course of this procedure of rediscovery not only Halácsy's types were pulled from his collection but also additional type material. This includes specimens obviously annotated as types by either the author(s) or by other scientists as well as duplicates of material already databased as type material in the WU main collection or other herbaria in the JACQ consortium (2004 onwards). This approach relies on a long and active tradition of floristic and taxonomic research in Greece consulting Halácsy's herbarium and cumulating in the *Mountain Flora of Greece* (Strid 1986a, Strid & Tan 1991a) and *Flora Hellenica* (Strid & Tan 1997, 2002) projects and thus can be assumed to cover a large part of the original material in this collection but of course does not allow for completeness.

In the next step the label information was cross-checked with the specifications in the corresponding protologue, and following the requirements in the ICN (Turland *et al.* 2018) a type status was assigned. In case of syntypes the available literature was searched for valid lectotypifications, if present these were cited including the page(s) of the lectotypification and the herbarium housing the material. We, however, refrain from discriminating between syntypes and isosyntypes according to Art. 9.4 (Turland *et al.* 2018) as this remains unclear in many cases and in our opinion is of no relevance in the process of choosing a lectotype (cf. Art. 9.12; Turland *et al.* 2018). If no holotype was

indicated the entire cited material was classified as syntypes (cf. Art. 9.6; Turland *et al.* 2018). Herbaria are abbreviated according to Thiers (2019), in some cases it is necessary to additionally specify subcollections, these are as follows: P.E. Boissier's herbarium incorporated in G cited as G-BOIS (Thiers 2019), E. von Halácsy's Greek herbarium as WU-Halácsy-Graec., his non-Greek herbarium as WU-Halácsy-Europ., A. Kerner's herbarium as WU-Kerner and K. Keck's herbarium as WU-Keck following the abbreviations used on Virtual Herbaria JACQ (JACQ consortium 2004 onwards). Sheets indicated as lectotype but lacking a validly published lectotypification were annotated accordingly and ranked as syntypes. In more complex or ambiguous cases as well as in those cases we disagree with previous authors we added notes for clarification. At this point lectotypifications were only performed if previously published first-step lectotypifications (Art. 9.17; Turland *et al.* 2018) are misleading, ambiguous or obviously wrong and thus needed to be emended.

A special case concerns material deposited and annotated in the *Herbarium Graecum* collection (WU) but reported as housed "in W" by various authors. However misleading, this is not entirely wrong. Halácsy's Greek collection was and is in possession of the herbarium WU but was stored as a "permanent loan" in the herbarium W (Stafleu & Cowan 1979) between the end of WWII and assumably the 1980s. Strangely enough neither literature, acquisition books of these institutions nor present curators could provide data on the exact time period.

All vouchers with reasonably exact and clear label information were geo-referenced in Google Earth (retrieved from <https://www.google.at/earth/download/gep/agree.html>) using WGS 84 coordinates supplemented with the corresponding uncertainty in meters. This resulted in a total of 419 collecting localities depicted in a map (Fig. 1) generated in ArcMap 10.4.1. (ESRI, Redlands, California, USA). Underlying maps were obtained from DIVA-GIS (<https://www.diva-gis.org/gdata>). The entire type material was databased in JACQ (JACQ consortium 2004 onwards) following the corresponding good practice manual (http://jacq.nhm-wien.ac.at/dokuwiki/doku.php?id=export_documentation), photographed using a Phase One iXR reproduction camera and a Phase One Credo 80 digital back (Phase One, Copenhagen, Denmark), and made publicly available via Virtual Herbaria JACQ (JACQ consortium 2004 onwards).

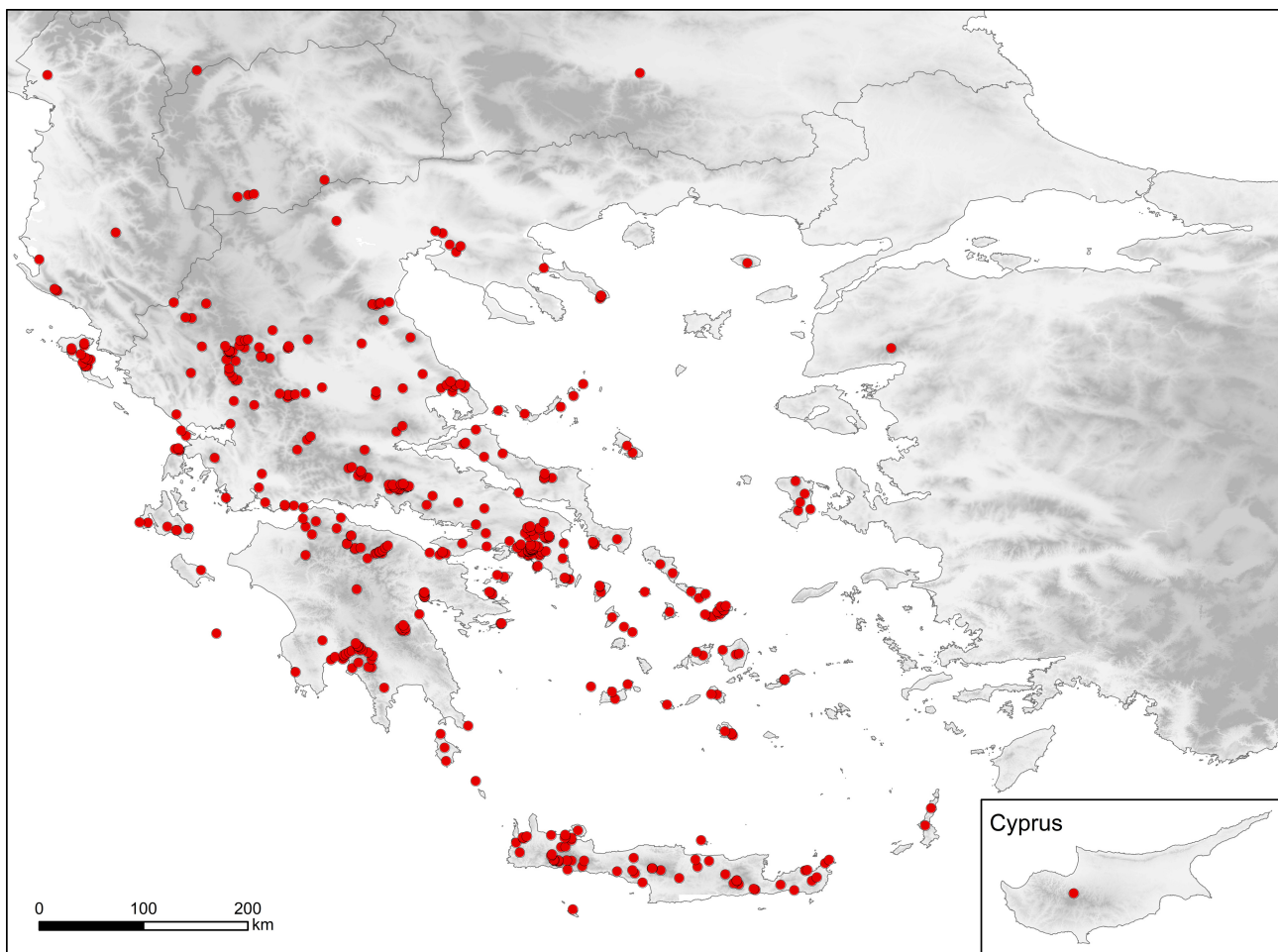


FIGURE 1. Map representing all 419 identified collecting localities of type specimens deposited in Halácsy's *Herbarium Graecum* depicted as red dots.

Based on this dataset three annotated compilations were generated. The first list gives all original material with validly published names (Catalogue A). The second one (Catalogue B) lists effectively though not validly published names, i.e. nomina invalida (indicated as *nom. inval.*), nomina nuda (Art. 38.2; indicated as *nom. nud.*), names published as synonyms (Art. 36.1; indicated as *pro syn.*), provisional names (Art. 36.1; indicated as *nom. prov.*) and infraspecific names invalid according to Art. 24.3. In the case of names published as synonym the respective taxon name it was included in is given in square brackets. The third list (Catalogue C) reports on material with names not effectively published distinguishing two categories: in herbario (label names, indicated as *in herb.*) and manuscript names (indicated as *mss.*, cf. Stearn 1983). All corresponding vouchers associated with not effectively published names are indicated as authentic specimens. In all lists taxa are grouped in families according to the APG IV (Chase *et al.* 2016) or PPG I system (PPG I 2016), respectively; families as well as taxa within are arranged in alphabetical order and the given individual accounts are headed with the taxon name. This is followed by the author(s) using their standard forms, as well as the citation of the protologue using abbreviations of literature, both according to IPNI (2019). In the case of replacement names these are marked as *nom. nov.*; illegitimate names are indicated as *nom. illeg.* (superfluous names according to Art. 52.1 indicated as *nom. superfl.*; later homonyms, Art. 53.1). In some cases the names were validly published on printed herbarium labels within distributed series (Art. 30.8; indicated as *cum diagn.*). In the first two lists this is followed by the currently accepted name (“current name”), according to Dimopoulos *et al.* (2017 onwards); in few cases, mostly those which in Dimopoulos *et al.* lack information on lower taxonomic ranks, we follow the Flora Hellenica Database (Strid 2000, Strid & Tan 2017; indicated as FHD in brackets) or other authors (citation given in brackets). The subsequent paragraph lists one or several voucher(s) with type status according to Turland *et al.* (2018) and - as noted on the label - the collecting locality, date, collector(s) and a collecting number if present. Illegible label information is indicated with #-symbols. Likewise, #-symbols indicate not exactly identified (or identifiable) priority years of publication for diagnoses validly published in printed schedae according to Art. 29.1 (Turland *et al.* 2018). Collecting periods are indicated with en dashes between the two dates. Cases with two collecting dates separated by a slash symbol (e.g. 4 July 1854/16 July 1854) do not represent a time span but refer to the collecting date in the Julian (first date) and Gregorian (second date) calendars (cf. Dutka 1988) as given on the label. All information is given merely according to the label, we here refrain from correcting orthographical or grammatical errors or adding further details on or modern names of localities. If necessary, e.g. for identifying localities or habitats, these details were added in JACQ. The WU herbarium number(s) with links to the corresponding record in JACQ (JACQ consortium 2004 onwards) are given in brackets. Finally, in case of vouchers which are original material for two or multiple names, the corresponding names are given and indicated with “(quod vide)” referring to the relevant accounts. In the last, facultative, paragraph comments are given if necessary and lectotypifications are cited if present.

The herbarium material online available via the Virtual Herbaria JACQ was photographed in any stage of typification. Thus, in some cases images of the specimens show an outdated typification status.

TABLE 1. Typification status of the detected original material in Halácsy’s *Herbarium Graecum*.

Type status	n type vouchers
Holotypes	12
Isotypes	16
Lectotypes	106
Isolectotypes	185
Syntypes	896
Paratypes	22
Original material	10
Authentic specimens	281
Possible types	9
Isonotype	1
Type fragment	1
Σ	1,539

Results and discussion

In the *Herbarium Graecum* with a rough estimate of 26,000 vouchers at present approx. 5.5 % of these vouchers (1,439 sheets) have been identified as original material. The majority of this material are syntypes (n=896), followed by authentic specimens (n=281), isolectotypes (n=185) and lectotypes (n=106), for a complete enumeration see Table 1. Noteworthy, the recommendation that if “a single gathering is cited in the protologue, but a particular institution housing it is not designated, it should be assumed that the specimen housed in the institution where the author is known to have worked is the holotype” (Rec. 9A.4) present in the Vienna Code (McNeill *et al.* 2006), was deleted in the Melbourne Code (McNeill *et al.* 2012), as also highlighted by McNeill (2014). In the case of the original material in the *Herbarium Graecum* most authors had not indicated a herbarium housing the corresponding type material, consequently this effected a reassignment of more than 300 vouchers previously designated as holotypes or isotypes to syntypes.

The entire material accounts for a total of 1,101 names, of which 871 have been published validly, 75 have been published effectively but are invalid and 155 have not been published effectively as they are only found on herbarium labels neither printed nor distributed as series (*in herb.*; n=152) or in handwritten manuscripts attached to herbarium vouchers (*mss.*; n=3).

TABLE 2. List of nomenclatural authors (including author combinations) most significantly contributing to the original material in Halácsy's *Herbarium Graecum*, giving IPNI identifiers (IPNI 2019), Wikidata identifiers (https://www.wikidata.org/wiki/Wikidata:Main_Page) and number of names by these authors.

Authors (standard forms)	IPNI ID	Wikidata ID	n of names
Halácsy	https://www.ipni.org/a/3563-1	https://www.wikidata.org/wiki/Q4494983	320
Heldr.	https://www.ipni.org/a/3803-1	https://www.wikidata.org/wiki/Q39008	176
Boiss.	https://www.ipni.org/a/16284-1	https://www.wikidata.org/wiki/Q34430	132
Boiss. & Heldr.	https://www.ipni.org/a/16284-1 & https://www.ipni.org/a/3803-1	https://www.wikidata.org/wiki/Q34430 & https://www.wikidata.org/wiki/Q39008	100
Boiss. & Orph.	https://www.ipni.org/a/16284-1 & https://www.ipni.org/a/7167-1	https://www.wikidata.org/wiki/Q34430 & http://www.wikidata.org/wiki/Q712566	36
Hauskn.	https://www.ipni.org/a/3732-1	http://www.wikidata.org/wiki/Q67102	31
Hayek	https://www.ipni.org/a/12534-1	https://www.wikidata.org/wiki/Q78951	15
Formánek	https://www.ipni.org/a/2826-1	https://www.wikidata.org/wiki/Q5818902	14
Orph.	https://www.ipni.org/a/7167-1	http://www.wikidata.org/wiki/Q712566	14
Vierh.	https://www.ipni.org/a/12970-1	https://www.wikidata.org/wiki/Q84857	14
Bald.	https://www.ipni.org/a/418-1	http://www.wikidata.org/wiki/Q3619217	12
Frey & Sint.	https://www.ipni.org/a/2901-1 & https://www.ipni.org/a/9700-1	http://www.wikidata.org/wiki/Q2502575 & https://www.wikidata.org/wiki/Q2688176	11
Heldr. & Sartori	https://www.ipni.org/a/3803-1 & https://www.ipni.org/a/8927-1	https://www.wikidata.org/wiki/Q39008 & https://www.wikidata.org/wiki/Q5937087	10
others			216
Σ			1,101

These names are mainly on species level (n=616), followed by varieties (n=348), forms (n=87), subspecies (n=30), hybrids (n=14), subvarieties (n=4), sections (n=4), proles (n=2) as well as one genus and one unranked subgeneric taxon. These names go back to a total of 126 authors (including combinations of two or more authors), most prominent among them are Halácsy (320 names), Heldreich (176 names), Boissier (132 names) and Boissier and Heldreich (100 names); for a list of the most important authors see Table 2. The discussed original material was gathered by

66 collectors or pairs of collectors, respectively. The vast majority of material was contributed by Heldreich (446 vouchers), followed by Orphanides (221 vouchers), Halácsy himself (124 vouchers) and Baldacci (75 vouchers), for other important collectors see Table 3. The original material in the *Herbarium Graecum* assumedly originates from six different present-day countries. The major part was collected in Greece (1,401 vouchers), only minor contributions were assigned to North Macedonia (11 vouchers), Albania (13 vouchers), Bulgaria (1 voucher), Cyprus (1 voucher), and Turkey (1 voucher); in two cases the country of origin remains unclear due to localities close to modern country borders. However, it is doubtful if those specimens not gathered within the borders of Greece at Halácsy's times were intentionally placed in the *Herbarium Graecum* by him or if they were originally part of his *Herbarium Europaeum* and only later and erroneously placed in his Greek herbarium. The latter is clearly supported by the fact that these vouchers are not listed in the *Conspectus Florae Graecae* and that the gatherings of collectors like Mihael Dimonie, who also covered present-day Greece but only outside its borders in Halácsy's times, are entirely stored in the *Herbarium Europaeum* (Pachschwöll *et al.* 2019). Based on geographic information on the herbarium labels and in protologues 419 different collecting localities were identified and geo-referenced (see Fig. 1), with uncertainties ranging from 100 to 20,000 m.

TABLE 3. List of collectors and Wikidata identifiers (https://www.wikidata.org/wiki/Wikidata:Main_Page) with the most significant contributions to the original material in Halácsy's *Herbarium Graecum*.

Collectors	Wikidata ID	n vouchers of original material
T.H.H. von Heldreich	https://www.wikidata.org/wiki/Q39008	446
T.G. Orphanides	http://www.wikidata.org/wiki/Q712566	221
E. von Halácsy	http://www.wikidata.org/wiki/Q4494983	124
A. Baldacci	http://www.wikidata.org/wiki/Q3619217	75
C. Leonis	not available	69
K.H. Zahn	http://www.wikidata.org/wiki/Q91040	71
B. Tuntas	http://www.wikidata.org/wiki/Q21611044	62
P.E.E. Sintenis	http://www.wikidata.org/wiki/Q2688176	46
H.K. Haussknecht	http://www.wikidata.org/wiki/Q67102	24
R.C.J.E. Maire & M.G.C. Petitmengin	http://www.wikidata.org/wiki/Q2661320 & https://www.wikidata.org/wiki/Q3288981	23
T. Pichler	http://www.wikidata.org/wiki/Q88910	24
E. Formánek	https://www.wikidata.org/wiki/Q5818902	22
J. Guicciardi	https://www.wikidata.org/wiki/Q36562637	21
E. Reverchon	http://www.wikidata.org/wiki/Q5573871	20
others		191
Σ		1,439

Thus, the presented work intends to provide another small jigsaw piece to be fitted into the fascinating and challenging task of integrating historical and present-day research on Greek plant biodiversity. Not only does any kind of taxonomic work depend on access to the material representing its historical roots, but in recent times many other research fields have discovered historical herbaria as valuable source, e.g., regarding biogeographical or ecological data (e.g., Funk 2003, Lavoie & Lachance 2006, Lees *et al.* 2011, Everill *et al.* 2014) or due to newly developed techniques (e.g., Sheperd 2017, Gutaker *et al.* 2018, Zeng *et al.* 2018) as archives for DNA analyses (e.g., Frey *et al.* 2017, Gargiulo 2019, Gutaker *et al.* 2019). However, the vast majority of this wealth of European cultural heritage is still hidden in the natural history collections of museums and universities and hardly accessed and/or accessible. Even if online availability is given for type material, accessibility is of utmost importance and would be desirable not only for the remaining part of Halácsy's collections but also for all other important European herbaria. The DiSSCo initiative (<https://www.dissco.eu/>) aiming at integration of all levels of Europe's natural science collections could well be a promising step towards this objective, if adopted and fairly supported by the governments of the member states of the European Union.

Catalogue A—Type specimens and authentic collections with validly published names in the *Herbarium Graecum* of Eugen von Halácsy:

Amaranthaceae

Atriplex tatarica var. *recurva* f. *sporadum* Halácsy, Consp. Fl. Graec. 3 (1): 49. 1904.

Current name: *Atriplex recurva*

Syntypes:—[Greece] In scopulo Melissi prope Pelagonisi: 10 June 1896, C. Leonis s.n. ([WU 0077793](#), [WU 0077794](#)).

Atriplex tatarica var. *sibthorpii* Halácsy, Consp. Fl. Graec. 3 (1): 49. 1904.

Current name: *Atriplex recurva*

Syntypes:—[Greece] Attica: in halipedo Phaleri: 4 October 1894, T.H.H. von Heldreich 1277 ([WU 0077792](#)).—[Greece] Crete. In saxosis et arenosis scopuli Petalidha prope ins. Dhia distr. Megalokastron: 31 May 1899, A. Baldacci 96 ([WU 0077795](#)).

Salsola aegaea Rech. f., Anz. Österr. Akad. Wiss., math.-naturwiss. Kl. 80 (12): 57. 1943.

Current name: *Caroxylon aegaeum*

Lectotype:—[Greece] In insula Melo, prope Castron: 24 August 1856, T.G. Orphanides 805 ([WU 0077798](#)).
Lectotype according to Tan (1997: 135).

Amaryllidaceae

Allium achaium Boiss. & Orph. in Boissier, Fl. orient. 5 (1): 259. 1882.

Current name: *Allium frigidum*

Syntype:—[Greece] In monte Clocos Achajae prope Vostitzam loco dicto Pente-Vryses (rarissime). Alt. 4000': 9 July 1855/21 July 1855, T.G. Orphanides 427 ([WU 0079137](#)).

Bogdanović *et al.* (2011) erroneously cited this gathering as lectotype designated by Andersson (1991).

Allium achaium var. *parnassicum* Boiss., Fl. orient. 5 (1): 259. 1882.

Current name: *Allium parnassicum*

Syntype:—[Greece] In m. Parnassi reg. super.: August 1855, J. Guicciardi s.n. ([WU 0079138](#)).

Allium aegaeum Heldr. & Halácsy in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 195. 1899.

Current name: *Allium sphaerocephalon* (FHD)

Syntypes:—[Greece] Cycladum ins. Naxos: in arenosis maritimis prope urbem, rarius: 25 June 1889, C. Leonis 1090 ([WU 0081440](#), [WU 0081441](#), [WU 0081442](#)).

Allium affine Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 114. 1859, *nom. illeg.*: non *A. affine* Ledeb., Fl. ross. 4 (12): 166. 1852.

Current name: *Allium vineale* (FHD)

Syntype:—[Greece] In monte Parnasso. In reg. alpina, frq: 10 August 1852, T.H.H. von Heldreich 9767 ([WU 0079132](#)), syntype for *Allium assimile* Halácsy (quod vide in Catalogue A).

Allium assimile Halácsy, Consp. Fl. Graec. 3 (1): 249. 1904.

Current name: *Allium vineale*

Syntypes:—[Greece] In monte Parnasso, prope Carcaria (rare); alt. 5000'–7000': 28 June 1854/10 July 1854, T.G. Orphanides 425 ([WU 0079133](#)).—([WU 0079132](#)), syntype for *Allium affine* Boiss. & Heldr. (quod vide in Catalogue A).

Allium balcanicum Brullo, Pavone & Salmeri, Fl. Med. 25: 226, figs. 3E, 5E, 6E, 7E. 2015.

Current name: *Allium balcanicum*

Paratype:—[Greece] Olympos: in declivibus prope H. Dionys: 14 September 1889, P.E.E. Sintenis 1937 ([WU 0126729](#)).

Allium confusum Halácsy, Consp. Fl. Graec. 3 (1): 244–245. 1904.

Current name: *Allium guttatum* subsp. *tenorei*

Syntype:—[Greece] Kalampaka: Hagios Stephanos, in fauce Karawa: 25 July 1896, P.E.E. Sintenis 1191 ([WU 0079127](#)).

Allium frigidum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 13: 34–35. 1854.

Current name: *Allium frigidum*

Isolectotype:—[Greece] Ad cacumen Hagios Elias m. Taygeti Laconiae, alt. 7500': 14 August 1844, T.H.H. von Heldreich 413 ([WU 0079136](#)).

Lectotype in G-BOIS according to Brullo *et al.* (2001: 52).

Allium gomphrenoides Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 7: 114–115. 1846.

Current name: *Allium gomphrenoides*

Syntype:—[Greece] In reg. abietina m. Taygeti Laconiae, alt. 4–5000': June 1844, T.H.H. von Heldreich 212 ([WU 0079131](#)).

Allium heldreichii Boiss., Diagn. pl. orient. sér. 2, 4: 116–117. 1859.

Current name: *Allium heldreichii*

Syntype:—[Greece] In Olympi Thessal. reg. sylvatica: 21–22 July 1851, T.H.H. von Heldreich 2535 ([WU 0063470](#)).

Allium luteolum Halácsy, Consp. Fl. Graec. 3 (1): 256–257. 1904.

Current name: *Allium luteolum*

Syntype:—[Greece] In Cycladum ins. Naxos: July 1897, C. Leonis s.n. ([WU 0079153](#)).

In the protologue Halácsy (1904a) cited a gathering from Heldreich's *Plantae exsicc. Florae Hellenicae* dating back to 1897, it thus remains unclear why Brullo *et al.* (2001) consider a gathering collected in 1889 as the type in WU. No such material could be found in the herbarium WU.

Allium meteoricum Heldr. & Hausskn. ex Halácsy, Consp. Fl. Graec. 3 (1): 250. 1904.

Current name: *Allium meteoricum*

Lectotype (**designated here**):—[Greece] Thessalia superior: in collibus circa monasteria Meteora supra Kalabaka (*Aeginium veterum*): 15–16 July 1885, T.H.H. von Heldreich s.n. ([WU 0079134](#)).

Syntype:—[Albania] Ad Renci distr. Scutari: 11 June 1897, A. Baldacci 355 ([WU 0079135](#)).

First-step lectotype designated by Brullo *et al.* (2001: 52), citing Heldreich's voucher in the herbarium WU as lectotype. However, there is an additional sheet in the WU main collection ([WU 0097734](#)). Thus we here designate the above mentioned Heldreich voucher in the herbarium WU-Halácsy-Graec. ([WU 0079134](#)) as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Allium paniculatum var. *villosulum* Halácsy, Consp. Fl. Graec. 3 (1): 256. 1904.

Current name: *Allium rhodopeum* subsp. *rhodopeum*

Lectotype:—[Greece] Attica: in campis prope De Keleiam (Tatoi hodie): July 1888, E. von Halácsy s.n. ([WU 0079152](#)).

Lectotype designated by Brullo *et al.* (1998: 64).

Allium phalereum Heldr. & Sartori in Heldreich, Atti Congr. Int. Bot. Firenze: 233. 1876.

Current name: *Allium stacticiforme*

Syntypes:—[Greece] Attica: in arenosis maritimis Phaleri: 13 June 1875, T.H.H. von Heldreich 1388 ([WU 0079139](#)).—[Greece] Flora Attica, in arenosis maritimis Phaleri: 21 June 1873 (flor.), 26 March 1874 (folia), T.H.H. von Heldreich s.n. ([WU 0079140](#)).

Allium phthioticum Boiss. & Heldr. in Boissier, Fl. orient. 5 (1): 274–275. 1882.

Current name: *Allium phthioticum*

Syntype:—[Greece] In m. Oeta (nunc Katavothra) Phthiotidis. In pascuis subalpinis, alt 5500'–6300'. Livadies: 8 July 1879, T.H.H. von Heldreich s.n. ([WU 0063471](#)).

Allium porphyroprasum Heldr. & Sartori in Heldreich, Herb. Graec. Norm.: No. 1387, cum diagn. 189#.

Current name: *Allium scorodoprasum* subsp. *rotundum* (FHD)

Syntype:—[Greece] Attica: in locis cultis, i. e. arvis, vinetis etc. Prope Athenas: 23 May 1896, T.H.H. von Heldreich 1387 ([WU 0079162](#)).

Allium rubrovittatum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 13: 29–30. 1854.

Current name: *Allium rubrovittatum*

Syntype:—[Greece] In Crete faucibus Kordaliothiko: 1 June 1846, T.H.H. von Heldreich 1558 ([WU 0079129](#)).

Allium rubrovittatum var. *gracillimum* Halácsy, Consp. Fl. Graec. 3 (1): 247. 1904.

Current name: *Allium rubrovittatum*

Syntype:—[Greece] In aridissimis ad Plakures penins. Akrothiri, distr. Khaniotika: 17 June 1893, A. Baldacci 45 ([WU 0079130](#)).

Galanthus graecus Orph. ex Boiss., Fl. orient. 5 (1): 145. 1882.

Current name: *Galanthus elwesii*

Syntype:—[Greece] In Cycladum insula Chio, in monte Pellinaeo [sic!], alt. 3800': 17 April 1856, [T.G. Orphanides] s.n. ([WU 0078921](#)).

Narcissus aeginensis Heldr. & Tuntas in Heldreich, Herb. Graec. Norm.: No. 1693, cum diagn. 1902.

Current name: *Narcissus tazetta* (FHD)

Syntype:—[Greece] Insula Aegina: in collibus prope Chalasmeni rarior.: 23 January (bulb cum foliis) & 21. February 1901 (flor.), T.H.H. von Heldreich 1693 ([WU 0078541](#)).

Sternbergia sicula var. *graeca* Heldr. in Dörfler, Herb. Norm. Sched. Cent. 33: No. 3250, cum diagn. 1897.

Current name: *Sternbergia lutea*

Syntype:—[Greece] Graecia. Attica. In saxosis collis “Lycabettus” prope “Athen”: November 1894, T.H.H. von Heldreich 3250 ([WU 0078923](#)).

Apiaceae

Anthriscus macrocarpa Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 100–101. 1856.

Current name: *Anthriscus sylvestris* subsp. *nemorosus* (FHD)

Syntype:—[Greece] In monte Kyllene Peloponnesi prope Flambouritzam (rare). alt. 4000' (4500'): 7 June 1852/19 June 1852, T.G. Orphanides 253 ([WU 0076770](#)).

Athamanta arachnoidea Boiss. & Orph. in Boissier, Fl. orient. Suppl.: 262. 1888.

Current name: *Bubon arachnoideum*

Isolectotype:—[Greece] Legi in Taygeto prope Aspra-Spilia in Valle cula dicta Kupina: 7 July 1868, T.G. Orphanides 570 ([WU 0076608](#)).

Lectotype in G-BOIS according to Tan & Iatrou (2001: 228).

Athamanta chiliosciadia Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 86. 1856.

Current name: *Bubon macedonicum*

Isolectotype:—[Greece] m. Olenos Arcadiae ad rupes rariss. 6000': July 1848, T.H.H. von Heldreich s.n. ([WU 0076606](#)).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 51); however, the additional voucher they cited (WU 0076601) clearly does not belong to the original material of *Athamanta chilosciadia* as this gathering was not listed in the protologue nor was the sheet annotated as the corresponding taxon by Boissier or Heldreich.

Athamanta densa Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 5: 98. 1856.

Current name: ***Athamanta densa***

Isolectotype:—[Greece] Legi in regione alpina monti Parnassi prope Criarozasteno (rarissime!): 15 July 1854, T.G. Orphanides 2715 (WU 0076605).

Lectotype in G-BOIS according to Hartvig (1986d: 689).

Biasolettia pindicola* var. *alpina Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (7): 613–614. 1897.

Current name: ***Geocaryum pindicolum*** (FHD)

Isolectotype:—[Greece] Chaliki: ad summ. mont. Peristeri: 2 July 1896, P.E.E. Sintenis 651 (WU 0076766).

Lectotype in BRNM according to Pimenov & Sutorý (2014: 1103).

Bupleurum asperuloides Heldr. ex Boiss., Diagn. pl. orient. sér. 2, 6: 76. 1859.

Current name: ***Bupleurum asperuloides***

Isolectotype:—[Greece] In reg. infer. m. Parnassi, in vinetis pr. Rachova, alt. 2500': 26 August 185# [1856], T.H.H. von Heldreich 513 (WU 0076947).

In the protologue Boissier cited Guicciardi as collector.

Lectotype in G-BOIS according to Pimenov in Snogerup & Snogerup (2001: 31).

According to the vouchers in JE (JE 00007258) and S (S-G-1051) the collecting year is 1856.

Bupleurum quadridentatum Wettst., Biblioth. Bot. 26: 48–51. 1892.

Current name: ***Bupleurum praealtum***

Syntype:—[Greece] Environs du moulin de Khortadj: 23 August 1889, A.-ur-R. Nadji [L. Charrel] s.n. (WU 0106985).

Wettstein (1892) cited a syntype in Halácsy's herbarium – “Dieselbe Pflanze sah ich im Herbare Halácsy vom Korfiaty in Macedonien (lg. Charrel 1890)”. There is one syntype (WU 0106984) perfectly fitting this but deposited in the WU main collection. The only corresponding material in both of Halácsy's collections has a different date and collecting locality but most likely was also seen by Wettstein as Nadji [Charrel] (1892) cited this material as “*Bupleurum quadridentatum* Wettstein. Non cognita a Boissier, nec a Nyman.”

Bupleurum sprunerianum Hampe, Flora 25 (4): 62–63. 1842.

Current name: ***Bupleurum odontites*** (as identified by S. Snogerup)

Lectotype:—[Greece] Zwischen Theben und Livadia: s.d., W. von Spruner 531 (WU 0076941).

Lectotype designated by Snogerup & Snogerup (2001: 225).

Butinia cretica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 10: 50–51. 1849.

Current name: ***Geocaryum creticum***

Isolectotype:—[Greece] In lapidosis ad nives deliquescentes montium Lassiti Cretae, alt. 6000'. Plantae rarissima!: 9 May 1848, T.H.H. von Heldreich 1493 (WU 0076821).

Lectotype in G-BOIS according to Engstrand (1977: 40).

Carum adamovicii Halácsy, Oesterr. Bot. Z. 56 (5/6): 211–212. 1906.

Current name: ***Carum meoides***

Syntypes:—[Greece] Graecia: mt. Olympus Thessaliae: 26 July 1905, L. Adamović 443 (WU 0033155, WU 0034189).

Carum heldreichii Boiss., Diagn. pl. orient. sér. 2, 2: 78–79. 1856.

Current name: ***Carum heldreichii***

Syntype:—[Greece] In monte Parnasso, pr. cacumen: 8 August 1852, T.H.H. von Heldreich 2696 (WU 0076860), authentic specimen for *Chamaescidium heldreichii* Boiss. (quod vide in Catalogue B), authentic specimen for *Chamaescidium heldreichii* var. *caespitosa* Heldr. (quod vide in Catalogue C).

Carum rupestre Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 79–80. 1856.

Current name: *Carum meoides*

Syntype:—[Greece] In regione superiori montis Ziriae supra Livadi (rare); alt. 5500'–6500': 24 June 1851/6 July 1851, T.G. Orphanides 36 ([WU 0076861](#)), authentic specimen for *Chamaescidium gracile* Boiss. & Heldr. ex Boiss. (quod vide in Catalogue B).

Caucalis torgesiana Hausskn., Mitth. Thüring. Bot. Vereins 5: 107–108. 1893.

Current name: *Torilis africana*

Syntype:—[Greece] Paenins. Methana pr. Vromolimni in dumetis: June 1885, H.K. Haussknecht s.n. ([WU 0076588](#)).

Chaerophyllum creticum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 10: 51. 1849.

Current name: *Chaerophyllum creticum*

Isolectotype:—[Greece] In oropedio Homaló montium Sphacioticorum occidentalium. 3500' in dumosis: 26 June 1846, T.H.H. von Heldreich 1602 ([WU 0076768](#)).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 31).

Chaerophyllum heldreichii Orph. in Boissier, Diagn. pl. orient. sér. 2, 2: 104. 1856.

Current name: *Chaerophyllum heldreichii*

Isolectotype:—[Greece] In monte Cyllene Peloponnesi prope Flamburitzam (rarissimum), alt. 4000': 17 June 1851/29 June 1851, T.G. Orphanides 118 ([WU 0076769](#)).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 33).

Colladonia heptaptera Boiss., Fl. orient. 2: 945. 1872.

Current name: *Heptaptera colladonioides*

Syntypes:—[Greece] In collibus argillosis mari finitimis prope Lixuri: 11 May 1861, T.H.H. von Heldreich 241 ([WU 0076786](#)).—[Greece] Legi in monte Malevo Laconiae prope Hajos - Joannis: 26 June 1850/8 July 1850, T.G. Orphanides 2977 ([WU 0076787](#)).—[Greece] In monte Malevo Laconiae prope Hajos - Joannis (rarissime), alt. 3000': 5 June 1857/17 June 1857, T.G. Orphanides 910 ([WU 0076788](#)).

Conopodium graecum Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (7): 612–613. 1897.

Current name: *Geocaryum capillifolium*

Isolectotype:—[Greece] Chaliki: in alpin. mont. Plaka: 4 July 1896, P.E.E. Sintenis 648 ([WU 0076855](#)).

Lectotype in BRNM according to Pimenov & Sutorý (2014: 1105).

Daucus guttatus f. *concolor* Heldr., Herb. Graec. Norm.: No. 1632, *cum diagn.* 1902.

Current name: *Daucus guttatus*

Syntype:—[Greece] Flora Attica: in collibus siccis mari finitimis, locis cultis etc. Legimus prope Pikrodaphni: 27 May 1901, T.H.H. von Heldreich 1632 ([WU 0076587](#)).

Daucus russeus Heldr., Herb. Graec. Norm.: No. 1631, *cum diagn.* 1902.

Current name: *Daucus carota* subsp. *drepanensis*

Original material:—[Greece] Flora Aegaea: in scopulis Prasonisii prope Delos Cycladum: 11–12 July 1901, [T.H.H. von Heldreich 1631] B. Tuntas & C. Russe s.n. ([WU 0076585](#)).—[Greece] Flora Cycladum: in parvu insula Prasonisi inter Mycosum et Delum: 12 July 1901, T.H.H. von Heldreich 16... [1631] ([WU 0076584](#)).

Possible original material:—[Greece] Flora Aegaea: in scopulis Prasonisii prope Delos Cycladum: 11–12 July 1901, B. Tuntas 9 ([WU 0076586](#)).

Heldreich's gathering is not cited in the protologue (Heldreich 1902). However, the material was collected and annotated as "*D. Russi* Heldr. nov. sp." by Heldreich and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018).

Eryngium multifidum var. *transiens* Halácsy, Consp. Fl. Graec. 1 (3): 616. 1901.

Current name: *Eryngium amethystinum*

Isolectotype:—[Greece] Portaria in monte Pelion: 2 September 1896, P.E.E. Sintenis 1424 ([WU 0076564](#)).

Syntypes:—[Greece] Macedonia: Lithochori: Steppe nach Paliochori: 17 August 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1247 ([WU 0076565](#)).—[Greece] Macedonia. Olymp. Hag., Dionys, Berghänge: 30 July 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1246 ([WU 0076566](#)).

Lectotype in WU ([WU 0027771](#)) designated by Wörz (2010: 234). Wörz (2010) cited the number of the voucher in the WU main collection but erroneously added “Herb. Halácsy”.

Eryngium ternatum* var. *subinerme Halácsy, Consp. Fl. Graec. 1 (3): 614. 1901.

Current name: ***Eryngium ternatum***

Syntype:—[Greece] In einer Schlucht längs des Weges von Lutro nach Hagios Paulos. Neuer vom Gefertigten entdeckter Standort. Die seltenste nur auf Creta vorkommende Pflanze Europas: 24 July 1882, G.C. Spreitzenhofer s.n. ([WU 0076562](#)).

Eryngium wiegandii Adamović, Oesterr. Bot. Z. 55 (5): 178–179. 1905.

Current name: ***Eryngium wiegandii***

Lectotype:—[North Macedonia] In praeruptis ad Treska: 18 June 1904, O. Bierbach s.n. ([WU 0043415](#)).

Lectotype designated by Wörz (2010: 235).

Freyera congesta Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 88–89. 1859.

Current name: ***Geocaryum capillifolium***

Syntype:—[Greece] In cacumine jugi Petra m. Tymphrestis (Veluchi hod.) alt. 6000'. rariss: 6 August 1857, J.B. Samaritani & J. Guicciardi s.n. [De Heldreich plantae exsicc. Florae Hellenica 3284] ([WU 0076767](#)).

Freyera divaricata Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 2: 102–103. 1856.

Current name: ***Geocaryum divaricatum***

Isolectotype:—[Greece] In m. Kyllene Achaiae, prope Trikala. Alt. 3000': 17 June 1852, T.G. Orphanides s.n. ([WU 0070467](#)).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 28).

Freyera longiradia Halácsy, Oesterr. Bot. Z. 42 (10): 370. 1892.

Current name: ***Geocaryum capillifolium*** (FHD)

Syntype:—[Greece] Peninsula Hagion Oros. Waldwiesen bei Kerasia: 17 June 1891, P.E.E. Sintenis 725 ([WU 0076856](#)).

Hippomarathrum pauciradiatum Heldr. ex Halácsy, Consp. Fl. Graec. 1 (3): 660. 1901.

Current name: ***Cachrys cristata***

Syntype:—[Greece] Insula Ios. In arvis post messem: 29–30 June 1889 & 1–2 July 1889, T.H.H. von Heldreich s.n. ([WU 0077520](#)), authentic specimen for ***Hippomarathrum cristatum* f. *pauciradiatum*** Heldr. (quod vide in Catalogue C).

Laserpitium garganicum* var. *laeve Halácsy, Consp. Fl. Graec. 1 (3): 620. 1901.

Current name: ***Laserpitium siler* subsp. *laeve***

Syntypes:—[Greece] Legi in monte Olympo Thessaliae supra Hajos Dionysios: 17 July 1857, T.G. Orphanides 3721 ([WU 0076569](#)).—[Greece] Macedonia. Olymp. Hag. Dionys, Wald: 30 July 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1253 ([WU 0076570](#)).

Laserpitium garganicum* var. *scabrum Halácsy, Consp. Fl. Graec. 1 (3): 620. 1901.

Current name: ***Laserpitium siler* subsp. *garganicum***

Syntypes:—[Greece] Kiona 2512 m: 15 July 1894, O. Reiser s.n. ([WU 0076580](#)).—[Greece] In fraucibus m. Kyllenes Aetione: July 1871, T.H.H. von Heldreich s.n. ([WU 0076581](#)).—[Greece] In monte Korax Aetoliae adjectae. In regione abietina media et superiori, alt. 4500'–5500': 23 July 1879, T.H.H. von Heldreich s.n. ([WU 0076582](#)).

Malabaila burnatiana Heldr., Oesterr. Bot. Z. 39 (7): 242. 1889.

Current name: ***Malabaila aurea*** (FHD)

Syntype:—[Greece] Corcyra (Corfu) Am Rande eines Feldes an der Straße von Bragagnotica nach Corfu: May 1878, G.C. Spreitzenhofer s.n. ([WU 0076590](#)).

Malabaila parnassica Heldr., Oesterr. Bot. Z. 39 (7): 242–243. 1889.

Current name: *Malabaila involucrata*

Syntype:—[Greece] In faucibus reg. infer. m. Parnassi, Gourna supra Rachova. alt. 3500': 29 June 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. Graec. Norm. 660] ([WU 0076592](#)).

Malabaila psaridiana Heldr., Oesterr. Bot. Z. 39 (7): 243. 1889.

Current name: *Malabaila involucrata*

Holotype:—[Greece] In m. Taygeto (loco non notalo [sic!] probabiliter prope Gaïtzies): 1871, E. Psarides s.n. ([WU 0076594](#)).

Handwritten annotation on the label reading “e specimine unico in Hb. Heldr.”.

Malabaila tempskyana Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (7): 622–623. 1897.

Current name: *Malabaila involucrata*

Isolectotype:—[Greece] Kalampaka: Hagios Stephanos: 27 May 1896, P.E.E. Sintenis 164 ([WU 0076593](#)).

Lectotype in BRNM according to Pimenov & Sutorý (2014: 1107).

Orlaya grandiflora var. *media* Halácsy, Consp. Fl. Graec. 1 (3): 621–622. 1901.

Current name: *Orlaya daucorlaya* (FHD)

Syntype:—[Greece] Kalampaka: 23 May 1896 & 25 July 1896, P.E.E. Sintenis 328 ([WU 0076583](#)).

Peucedanum vittijugum Boiss., Fl. orient. 2: 1018. 1872.

Current name: *Dichoropetalum vittijugum*

Syntypes:—[Greece] Legi in monte Chelmos prope Clukines (Χαλκιανικά), alt. 3000': 24 June 1852/6 July 1852, T.G. Orphanides 2074 ([WU 0076599](#)).—[Greece] In monte Malevo Laconiae prope Hajos Joannis (rare), 3000': 18 June 1856/30 June 1856, T.G. Orphanides 888 ([WU 0076600](#)).—[Greece] Legi in monte Malevo Laconiae supra Castanitzam: 16 July 1850/28 July 1850, T.G. Orphanides 2907 ([WU 0076601](#)).

Physospermum aegopodioides Boiss., Fl. orient. 2: 923. 1872.

Current name: *Peucedanum aegopodioides*

Isolectotype:—[North Macedonia] Legi supra Brusnik prope Bitolia Macedoniae: 25 July 1862/6 August 1862, T.G. Orphanides 1017/376 ([WU 0076598](#)), authentic specimen for *Aegopodium involucratum* Orph. ex Boiss. (quod vide in Catalogue B).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 37); it remains however unclear why they listed the duplicate in WU-Halácsy-Graec. among the syntypes.

Pimpinella laconica Halácsy, Consp. Fl. Graec. 1 (3): 681. 1901.

Current name: *Pimpinella tragiium* subsp. *tragiium* (FHD)

Syntypes:—[Greece] Plantae in m. Taygeto Laconiae; Alagonia, prope Megali Anastasova: 1 June 1899, K.H. Zahn s.n. ([WU 0076862](#)).—[Greece] Plantae in m. Taygeto Laconiae; in districtu Alagonia prope Megali Anastasova: 1 June 1899, K.H. Zahn s.n. ([WU 0076863](#)).—[Greece] In dumosis reg. mediae m. Taygeti borealis pr. Megali Anastasova (distr. Alagonia): 1 June 1899, K.H. Zahn [Herb. Graec. Norm. 1635] ([WU 0076864](#)).

Pimpinella polyclada Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 75. 1856.

Current name: *Pimpinella tragiium* subsp. *polyclada*

Syntype:—[Greece] M. Olenos: ad rupes excelsas Katzeveli dictis, 5800': 22 July 1848, T.H.H. von Heldreich 2104 ([WU 0076865](#)), authentic specimen for *Pimpinella olenea* Boiss. & Heldr. ex Boiss. (quod vide in Catalogue B).

Pimpinella tragiium var. *olenea* Halácsy, Consp. Fl. Graec. 1 (3): 682. 1901.

Current name: *Pimpinella tragiium* subsp. *polyclada* (FHD)

Syntype:—[Greece] Sermeniko: in mte. Gionscala: 10 August 1896, P.E.E. Sintenis 1121 ([WU 0076866](#)).

Pimpinella tragiium var. *parnassica* Halácsy, Consp. Fl. Graec. 1 (3): 682. 1901.

Current name: *Pimpinella tragiium* subsp. *polyclada* (FHD)

Syntypes:—[Greece] In reg. infer. m. Olympi Thessaliae supra Hagios Dionysios: 29 July 1857, T.G. Orphanides 997/3722 ([WU 0076867](#)).—[Greece] In monte Parnasso prope Criarozasteno (rare), alt. 6000': 14 July 1854/26 July 1854, T.G. Orphanides 997 ([WU 0076868](#)).—[Greece] In monte Parnasso prope Carcaria (rara), alt. 4000'–6000': 28 June 1854/10 July 1854, T.G. Orphanides 354 ([WU 0076869](#)).

Reutera rigidula Boiss. & Orph. in Boissier, *Diagn. pl. orient. sér. 2, 2: 77*. 1856.

Current name: ***Pimpinella rigidula***

Isolectotype:—[Greece] In monte Chelmos (Αροάνια Ορη) prope Klukines (Gourarianica) (rare), alt. 3500': 17 July 1851/29 July 1851, T.G. Orphanides 300 ([WU 0076907](#)).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 17).

Rumia frigida Boiss. & Heldr. in Boissier, *Diagn. pl. orient. sér. 2, 6: 77*. 1859.

Current name: ***Trinia frigida***

Syntype:—[Greece] In m Tymphresto (Veluchi hod:) ad cacumen Petra: 6 August 1857, J.B. Samaritani & J. Guicciardi s.n. [De Heldreich plantae exsicc. Florae Hellenica 3357] ([WU 0076859](#)).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 15); they erroneously listed the above cited syntype in WU-Halácsy-Graec., that has a different locality and different collectors, among the isolectotypes.

Rumia guicciardii Boiss. & Heldr. in Boissier, *Diagn. pl. orient. sér. 2, 6: 77–78*. 1859.

Current name: ***Trinia guicciardii***

Isolectotype:—[Greece] m. Kithaeron ad summis in cacumen: 30 May 1856, J. Guicciardi s.n. [De Heldreich plantae exsicc. Florae Hellenica 3190] ([WU 0033157](#)).

Lectotype in G-BOIS according to Pimenov & Jacquemoud (2020: 15).

Scandix australis* subsp. *balcanica Vierh., *Verh. zool.-bot. Ges. Wien* 69 (6/9): 228–237, tab. 6, figs. 7, 8. 1919.

Current name: ***Scandix australis*** (FHD)

Syntypes:—[Greece] Cycladum insula Delos: in herbis: 15 April 1911, E. von Halácsy s.n. ([WU 0076775](#)).—[Greece] Flora Cycladum: in insula Cythno: April 1900, B. Tuntas s.n. ([WU 0076773](#)).—[Greece] Graecia: pr. Chalkis Euboeae: May 1905, L. Adamović 437 ([WU 0076774](#)).—[Greece] Attica: in mte. Lykowitzus [sic!]: May 1876, T. Pichler s.n. ([WU 0076778](#)).—[Greece] Graecia: in colle Lycabettos pr. Athenas: May 1905, L. Adamović 436 ([WU 0076779](#)).—[Greece] Legi in monte Hymetto Atticae: 1850, T.G. Orphanides s.n. ([WU 0076780](#)).—[Greece] Flora Attica: Phalero veternum [sic!]: May 1897, B. Tuntas 140 ([WU 0076781](#)).—[Greece] Flora Attica: in colle Ardetto: 14 April 1894, B. Tuntas 139 ([WU 0076782](#)).—[Greece] Flora Attica: Porto-Raphti: 19 March 1899, B. Tuntas 141 ([WU 0076783](#)).—[Greece] Flora Attica in halipedo Phaleri, in arvis: 21 April 1879, T.H.H. von Heldreich s.n. ([WU 0076784](#)).—[Greece] Flora Attica in collibus aridis circa Athenas: April 1879, T.H.H. von Heldreich s.n. ([WU 0076785](#)).—[Greece] Attica: Collis Turcovuni pr. Hagios Lucas: 20 April 1895, T.H.H. von Heldreich s.n. ([WU 0076777](#)), syntype for ***Scandix grandiflora* f. *hispidula*** Heldr. (quod vide in Catalogue A).—[Greece] Attica: in arvis prope Kephissiam, ad radices m. Pentelici: 20 April – 9 May 1894, T.H.H. von Heldreich 1240 ([WU 0076776](#)), syntype for ***Scandix grandiflora* f. *hispidula*** Heldr. (quod vide in Catalogue A).

Scandix grandiflora* f. *hispidula Heldr., *Herb. Graec. Norm.: No. 1240, cum diagn.* 1895.

Current name: ***Scandix australis***

Syntypes:—([WU 0076776](#)), syntype for ***Scandix australis* subsp. *balcanica*** Vierh. (quod vide in Catalogue A).—([WU 0076777](#)), syntype for ***Scandix australis* subsp. *balcanica*** Vierh. (quod vide in Catalogue A).

Scandix grandiflora* var. *intermedia Halácsy, *Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl.* 61: 506. 1894.

Current name: ***Scandix australis***

Syntypes:—[Greece] Achaia. In rupestribus calcareis regionis superioris mt. Panachaicon (Voidia hodie) supra urbem Patras. Alt. 1500–1800 m: 5 June 1893, E. von Halácsy s.n. ([WU 0070466](#)).—[Greece] Arcadia. Ad agrorum margines in mt. Kastro prope pagum Kalavryta ad radices mt. Chelmos (Aroania vet.). Alt. 700 m. Solo calcareo: 15 June 1893, E. von Halácsy s.n. ([WU 0076772](#)).

Scandix grandiflora var. *lasiactina* Boiss., Fl. orient. 2: 917. 1872.

Current name: *Scandix australis*

Syntype:—[Greece] In regione inferiori montis Ziriae (Cyllene) prope Zongra (rare). alt. 2500': 22 April 1854/4 May 1854, T.G. Orphanides 379 (WU 0076771).

Seseli parnassicum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 80. 1859.

Current name: *Seseli parnassicum*

Isolectotype:—[Greece] In m. Parnassi reg. abietina l. d. Gurna, alt. 4000': 25 August 1856, T.H.H. von Heldreich s.n. (WU 0076609).

Lectotype in G-BOIS according to Hartvig (1986c: 684).

Seseli tortuosum var. *brachylobum* Boiss., Fl. orient. 2: 964–965. 1872.

Current name: *Seseli arenarium*

Syntype:—[Greece] Inter vineta pagi Rachova reg. infer m. Parnassi, alt. 2000' circ: September 1856, T.H.H. von Heldreich 582 (WU 0076610).

Boissier (1872) cited an identical locality but 382 as collecting number, which is most likely a misprint.

Smyrniium dimartinoi Raimondo, Mazzola & Spadaro, Fl. Medit. 25: 138–141, fig. 1a. 2015.

Current name: *Smyrniium perfoliatum* subsp. *rotundifolium*

Paratypes:—[Greece] Amalos, bois humides: 12 June 1884, E. Reverchon 249 (WU 0076664).—[Greece] Fl. Cretensis: Amalos: 12 June 1884, E. Reverchon 5239 (WU 0076665), syntypes for *Smyrniium rotundifolium* var. *ovatifolium* Halácsy (quod vide in Catalogue A).

In our opinion the characters given in Raimondo *et al.* (2015) range clearly within the morphological variability of *S. perfoliatum* subsp. *rotundifolium*.

Smyrniium rotundifolium var. *ovatifolium* Halácsy, Consp. Fl. Graec. 1 (3): 658. 1901.

Current name: *Smyrniium perfoliatum* subsp. *rotundifolium*

Syntypes:—(WU 0076664, WU 0076665), paratypes for *Smyrniium dimartinoi* Raimondo, Mazzola & Spadaro Raimondo (quod vide in Catalogue A).

Tordylium apulum var. *heterocarpum* Heldr. ex Halácsy, Consp. Fl. Graec. 1 (3): 634. 1901.

Current name: *Tordylium apulum*

Syntype:—[Greece] Flora Cycladum: in insula Cea, solo schistoso (“Schiste cristallin”): 21–24 May 1898, T.H.H. von Heldreich s.n. (WU 0076589).

Torilis nodosa var. *breviaculeata* Halácsy, Consp. Fl. Graec. suppl. 1: 42. 1908.

Current name: *Torilis nodosa*

Syntype:—[Greece] Gr. Strophaden-Insel: 14 May 1898, O. Reiser s.n. (WU 0080528).

Aristolochiaceae

Aristolochia pallida var. *elongata* Duch., Prodr. (DC.) 15 (1): 487. 1864.

Current name: *Aristolochia elongata*

Syntype:—[Greece] In Monte Parnethi Atticae (rara), alt. 1000'–2000': 5 May 1852/17 May 1852, T.G. Orphanides 127 (WU 0078164), authentic specimen for *Aristolochia attica* Orph. ex Duch. (quod vide in Catalogue B).

Lectotype designated by Nardi (1984: 294), citing a voucher labelled “Herb. De Heldreich M. Parnes Atticae, Mai 1852” (FI 011400) in FI (Herbarium Webbianum). Duchartre (1864) cited two collections, one by Orphanides and one supposedly by Heldreich (the label only states “Herb. de Heldreich” without giving a collector), which probably are based on the same gathering. However, due to this uncertainty the voucher in the herbarium WU-Halácsy-Graec. remains a syntype.

Asparagaceae

Bellevalia holzmannii Heldr., Atti Congr. Int. Bot. Firenze: 228–229. 1876.

Current name: ***Muscari comosum***

Original material:—[Greece] Flora Attica: in collibus saxosis et in submontosis, alt. 1000'–3000'. - In colle Turcobuni pr. Athenas: 19 April 1875, T.H.H. von Heldreich & T. Holzmann 49 (WU 0079180).

In the protologue Heldreich (1876) only refers to the hills of Corydalus, Hymettus and Pentelicus but the material was collected by Heldreich and Holzmann and distributed by the latter as *B. holzmannii* and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018).

Leopoldia spreitzenhoferi Heldr. ex Osterm., Verh. K. K. Zool.-Bot. Ges. Wien 40: 299. 1890.

Current name: ***Muscari spreitzenhoferi***

Isolectotype:—[Greece] Creta: Im Gerölle am Abstieg zum Mavrous Lacous: 22 July 1882, G.C. Spreitzenhofer s.n. (WU 0062034).

Lectotype in WU (WU 0029888) according to Bentzer (1973: 85).

Leopoldia theraea Heldr., Bull. Soc. Imp. Naturalistes Moscou 53 (1): 69–70. 1878.

Current name: ***Muscari weissii***

Lectotype:—[Greece] In insula Thera: March 1866, J.F.J. Schmidt s.n. (WU 0062035).

Lectotype designated by Bentzer (1973: 77–78).

Muscari charrelii Halácsy & Nadjí in Nadjí, Empire Ottoman; Géogr. bot.: 42. 1892.

Current name: ***Muscari comosum*** (FHD)

Syntype:—[Greece] Macedonia: in dumosis vallis Toumba prope Thessalonicam: 15 May 1889, L. Charrel s.n. (WU 0079230).

In the introduction of his work Nadjí [Charrel] (1892) stated that if no locality is indicated, the material was collected within an area of one walking hour from Thessaloniki (as Salonique).

Muscari commutatum* var. *leonis Heldr. & Halácsy in Halácsy, Oesterr. Bot. Z. 46 (1): 18–19. 1896.

Current name: ***Muscari commutatum***

Syntype:—[Greece] Cycladum insula Melos: in collibus saxosis: March 1889, C. Leonis s.n. (WU 0079224), authentic specimen for ***Muscari leonis*** Heldr. & Halácsy (quod vide in Catalogue C).

Muscari heldreichii Boiss., Diagn. pl. orient. sér. 2, 4: 109. 1859.

Current name: ***Muscari heldreichii***

Syntype:—[Greece] In m. Parnassi reg. infer. inter lapides mobiles nuper nive obductos supra Rachova, alt. 3000': 22 April 1857, J. Guicciardi s.n. [Herb. Graec. Norm. 662] (WU 0079234).

Muscari mordoanum Heldr., Oesterr. Bot. Z. 28 (2): 52–53. 1878.

Current name: ***Muscari neglectum***

Syntype:—[Greece] Corcyra (Corfu) In den Olivenhainen zwischen Barbatí und Spartilla, am Fusse des Mte. San Salvatore: April 1877, G.C. Spreitzenhofer 108 (WU 0062040).

Muscari pulchellum Heldr. & Sartori in Boissier, Diagn. pl. orient. sér. 2, 4: 109. 1859.

Current name: ***Muscari pulchellum***

Syntype:—[Greece] Attica. in m. Lycabetto: 19 March 1854, T.H.H. von Heldreich s.n. (WU 0079225).

Muscari pulchellum* subsp. *clepsydroides Karlén, Willdenowia 14: 112, figs. 6, 7. 1984, *nom. nov.* pro: *Muscari pulchellum* var. *amoenum* Heldr. ex Halácsy.

Current name: ***Muscari pulchellum* subsp. *clepsydroides***

Lectotype:—[Greece] Flora Cycladum: in insula Cythno: 15 March 1901, B. Tuntas s.n. (WU 0062036), lectotype for ***Muscari pulchellum* var. *amoenum*** Heldr. ex Halácsy (quod vide in Catalogue A).

Muscari pulchellum var. *amoenum* Heldr. ex Halácsy, Consp. Fl. Graec. 1 (2): 271. 1900.

Current name: *Muscari pulchellum* subsp. *clepsydroides*

Lectotype:—(WU 0062036), lectotype for *Muscari pulchellum* subsp. *clepsydroides* Karlén (quod vide in Catalogue A).

Lectotype designated by Karlén (1984: 112). It remains unclear why T. Karlén replaced *Muscari pulchellum* var. *amoenum* Heldr. ex Halácsy by *Muscari pulchellum* subsp. *clepsydroides* Karlén (*nom. nov.*).

Scilla holzmannii Heldr., Bull. Herb. Boissier 6 (5): 393. 1898.

Current name: *Scilla autumnalis* (FHD)

Original material:—[Greece] Insula Aegina: in collibus saxosis, circa coenobium, solo traehytico [sic!]: 19 November 1897, B. Tuntas s.n. (WU 0063469).

The collecting date on the printed label differs from the protologue (6 November 1897), but the material was seen and distributed by Heldreich as *S. holzmannii* and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018).

Asteraceae

Achillea absinthoides Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 243. 1894.

Current name: *Achillea absinthoides*

Lectotype:—[Greece] Epirus orientalis: In rupestribus calcareis mt. Tsumerka loco Spathes dicto supra pagum Vulgarelion. Alt. 1500 m: 8 July 1893, E. von Halácsy s.n. (WU 0075785).

Isolectotypes:—[Greece] Epirus orientalis: In rupestribus calcareis mt. Tsumerka loco Spathes dicto supra pagum Vulgarelion. Alt. 1500 m: 8 July 1893, E. von Halácsy s.n. (WU 0075786, WU 0075787, WU 0075788, WU 0075789).

Lectotype designated by Franzén (1991: 448).

Achillea barbeyana Heldr. & Heimerl in Heimerl, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 48: 161–162. 1884.

Current name: *Achillea barbeyana*

Lectotype:—[Greece] In monte Korax Aetioliae adjectae. In regione alpina, ad summum cacumen, rarissima, alt. 6000'–7680': 23 July 1897, T.H.H. von Heldreich s.n. (WU 0075698).

Isolectotype:—[Greece] In monte Korax Aetioliae adjectae. In regione alpina, ad summum cacumen, alt. 6000'–7680': 23 July 1897, T.H.H. von Heldreich s.n. (WU 0075697).

Lectotype designated by Franzén (1991: 437), however, erroneously citing it from the herbarium of the Natural History Museum (W).

Achillea clavennae var. *integrifolia* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 243. 1894.

Current name: *Achillea pindicola* subsp. *integrifolia*

Lectotype:—[Greece] Epirus boreali-orientalis. In rupestribus calcareis regionis alpinae mt. Peristeri frequens. Alt. 2000 m: 15 July 1893, E. von Halácsy s.n. (WU 0071789).

Isolectotype:—[Greece] Epirus boreali-orientalis. In rupestribus calcareis regionis alpinae mt. Peristeri frequens. Alt. 2000 m: 15 July 1893, E. von Halácsy s.n. (WU 0071802).

Lectotype designated by Franzén (1986b: 20).

Achillea kernerii Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 243. 1894, pro hybride [*Achillea fraasii* × *A. clavennae* var. *integrifolia*].

Current name: *Achillea* × *kernerii* (hybrid of *A. fraasii* and *A. pindicola* subsp. *integrifolia*) (Franzén 1986b)

Syntypes:—[Greece] Epirus boreali-orientalis. In rupestribus calcareis regionis alpinae mt. Peristeri, inter parentes rarissime. Alt. 2000 m: 15 July 1893, E. von Halácsy s.n. (WU 0071800).—[Greece] Epirus boreali-orientalis. In rupestribus calcareis regionis alpinae mt. Peristeri, inter parentes rarissime. Alt. 2000 m: 15 July 1893, E. von Halácsy s.n. (WU 0071801).

Achillea pauciloba var. *halacsyana* Heimerl, Oesterr. Bot. Z. 75 (7–9): 137–138. 1926.

Current name: *Achillea pindicola* subsp. *integrifolia* (FHD)

Lectotypus:—[Greece] Epirus orientalis. In rupibus calcareis regionis alpinae mt. Tsumerka supra pagum Theodoriana, rare. Alt. 2000 m: 9 July 1893, E. von Halácsy s.n. (WU 0071813).

Syntypes:—[Greece] Epirus borealis-orientalis. In rupestribus cacuminis mt. Peristeri: 15 July 1893, E. von Halácsy s.n. (WU 0071815).—[Greece] In rupestribus jugis Strungula, Kakarditza et Brešani mt. Tsumerka: 22–26 July 1895, A. Baldacci 160 (WU 0071816).

Lectotype designated by Franzén (1986b: 20).

Achillea setacea subsp. *dolopica* Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (7): 625–626. 1897.

Current name: *Achillea setacea*

Syntype:—[Greece] Sermeniko, in oroped. Neuropolis: 8 August 1896, P.E.E. Sintenis 1062 (WU 0075709).

Achillea umbellata subsp. *pauciloba* Heldr. ex Heimerl, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 48: 157. 1884.

Current name: *Achillea pindicola* subsp. *pindicola* (Franzén 1986b)

Lectotype:—[Greece] In monte Korax Aetoliae adjectae. In regione alpina, ad summum cacumen usque, alt. 6000'–7680': 23 July 1879, T.H.H. von Heldreich s.n. (WU 0071803).

Lectotype designated by Franzén (1986b: 19).

Achillea umbellata var. *major* Boiss., Fl. orient. 3: 276. 1875.

Current name: *Achillea* ×*major* (hybrid of *A. grandiflora* and *A. umbellata* (Franzén 1986b)

Syntype:—[Greece] In m. Kyllene pr. Trikala Achaiae rariss. Jun: s.d., T.G. Orphanides s.n. (WU 0071798).

Aegialophila cretica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 10: 106. 1849.

Current name: *Centaurea aegialophila*

Syntype:—[Greece] Ad portum Sitia Cretae orientalis: April 1846, T.H.H. von Heldreich 1451 (WU 0076953), syntype for *Centaurea aegialophila* Wagenitz *nom. nov.* (quod vide in Catalogue A).

Ammanthus filicaulis Boiss. & Heldr. ex Boiss., Diagn. pl. orient. sér. 1, 11: 19–20. 1849.

Current name: *Anthemis filicaulis*

Syntype:—[Greece] Prope Cap Sidero Cretae orientalis, promontorium: 30 April 1846, T.H.H. von Heldreich 1459 (WU 0076325).

Ammanthus maritimus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 11: 19. 1849.

Current name: *Anthemis ammanthus*

Syntype:—[Greece] In arenosis maritimis promontorii Sidero Cretae orient. rariss: 20 April 1846, T.H.H. von Heldreich s.n. (WU 0076326).

Anthemis arvensis var. *microcephala* Heldr., Herb. Graec. Norm. 15: No. 1441, *cum diagn.* 1898, *nom. illeg.*: non *Anthemis arvensis* var. *microcephala* Schur, Enum. pl. Transsilv.: 333. 1866.

Current name: *Anthemis arvensis* subsp. *cyllenea* (FHD)

Syntype:—[Greece] Messienia, in agris et ad vias circa Kalamata: 1–24 May 1898, K.H. Zahn s.n. [Herb. Graec. Norm. 1441] (WU 0037132).

Anthemis brachmanni Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 6: 84–85. 1846.

Current name: *Anthemis brachmannii*

Syntype:—[Greece] In m. Ithome Messianae: May 1844, T.H.H. von Heldreich 179 (WU 0037048).

Anthemis cretica f. *radiata* Stoj. & Acht., Notizbl. Bot. Gart. Berlin-Dahlem 13 (119): 521–522. 1937.

Current name: *Anthemis rigida* subsp. *liguliflora*

Holotype:—(WU 0035428), lectotype for *Anthemis cretica* var. *liguliflora* Halácsy (quod vide in Catalogue A).

Anthemis cretica var. *liguliflora* Halácsy, Consp. Fl. Graec. suppl. 1: 55. 1908.

Current name: *Anthemis rigida* subsp. *liguliflora*

Lectotype:—[Greece] Cerigo-Hafen von Hagios-Nicolaos: 6 May 1902, A. von Sterneck 279 ([WU 0035428](#)), holotype for *Anthemis cretica* f. *radiata* Stoj. & Acht. (quod vide in Catalogue A).

Lectotype designated by Greuter & Rechinger (1967: 142).

Anthemis cyllenea Halácsy, Magyar Bot. Lapok 11 (5–8): 159. 1912.

Current name: *Anthemis arvensis* subsp. *cyllenea*

Syntype:—[Greece] In m. Kyllenes reg. media pr. Trikala (Achaiae), alt. 3000–4000': 1871, T.H.H. von Heldreich s.n. ([WU 0035427](#)).

Anthemis laconica Franzén, Willdenowia 16 (1): 41, fig. 2. 1986.

Current name: *Anthemis laconica*

Paratypes:—[Greece] M. Taygetos: in regione alpina, ad rupes Megala Zonaria, alt. 6000': July 1897, T.H.H. von Heldreich 1440 ([WU 0036344](#)).—[Greece] Taygetos, au dessous des Megala Zonaria: 22 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 949 ([WU 0037077](#)).—[Greece] Morea: Hagios Warbara in mts. Taygetos: June 1876, T. Pichler s.n. ([WU 0037078](#)).—[Greece] In m. Malevo Laconiae: July 1896, C. Leonis s.n. ([WU 0037080](#)).—[Greece] M. Taygetos: in regione alpina, ad rupes Megala Zonaria, alt. 6000': July 1897, T.H.H. von Heldreich 1440 ([WU 0037081](#)).—[Greece] Griechenland, Pei [sic!] Hagia Warbara 4000' am Mte. Taygetos: June 1876, T. Pichler s.n. ([WU 0037082](#)).

Holotype in C (Franzén 1986c).

Anthemis meteorica Hausskn., Mitth. Thüring. Bot. Vereins 5: 125–126. 1893.

Current name: *Anthemis cretica* subsp. *cretica*

Syntype:—[Greece] Pindus Tymphaeus: in apricis supra Kalalaka ad monasteria Meteora: July 1885, H.K. Haussknecht s.n. ([WU 0035422](#)).

Anthemis montana var. *olenaea* Halácsy, Consp. Fl. Graec. 2 (1): 56. 1902.

Current name: *Anthemis cretica*

Lectotype:—[Greece] m. Olenos: ad rupes excelsas in reg. superiori, praesertim ad Katzevéli. 5500–6500': 19–24 July 1848, T.H.H. von Heldreich 2082 ([WU 0035426](#)).

Lectotype designated by Franzén (1986c: 37).

Anthemis montana var. *pentelica* Boiss., Fl. orient. 3: 292. 1875.

Current name: *Anthemis cretica* subsp. *cretica*

Isolectotype:—[Greece] In monte Pentelico Atticae (rara): 18 May 1850/30 May 1850, T.G. Orphanides 280 ([WU 0037057](#)).

Syntypes:—[Greece] In monte Cyllene supra Livadi, alt. 5500': 28 June 1851/10 July 1851, T.G. Orphanides 2017 ([WU 0037056](#)).—[Greece] In m. Pentelico: June 1855, J. Sartori s.n. ([WU 0037058](#)).—[Greece] In m. Pentelico Atticae, alt. 1500–2000': June 1855, T.H.H. von Heldreich 405 ([WU 0037067](#)).

Lectotype in G-BOIS according to Franzén (1986c: 37).

Anthemis muenteriana Heldr. ex Boiss., Fl. orient. Suppl.: 298. 1888.

Current name: *Anthemis tomentosa*

Syntypes:—[Greece] In Pelalium ins. Platera: 8 May 1880, T. Holzmann s.n. ([WU 0037145](#)).—[Greece] In Pelalium ins. Ponticonisi: 6 May 1880, T. Holzmann s.n. ([WU 0037152](#)).—[Greece] In Pelalium ins. Prasá: 7 May 1880, T. Holzmann s.n. ([WU 0037154](#)).

Anthemis panachaica Halácsy, Consp. Fl. Graec. 2 (1): 57–58. 1902.

Current name: *Anthemis cretica* subsp. *cretica* (FHD)

Lectotype (**designated here**):—[Greece] Achaia. In rupestribus calcareis regionis mediae mt. Panachaicon (Voidia hodie) supra urbem Patras Alt. 1000–1500 m: 5 June 1893, E. von Halácsy s.n. ([WU 0035425](#)).

First-step lectotype in WU designated by Franzén (1986c: 37) but without specifying whether the lectotype is the voucher in the WU main collection or the one in WU-Halácsy-Graec. Thus, we here designate the voucher in the herbarium WU-Halácsy-Graec. ([WU 0035425](#)) as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Anthemis pindicola Heldr. ex Halácsy, Consp. Fl. Graec. 2 (1): 57. 1902.

Current name: *Anthemis pindicola*

Lectotype:—[Greece] Agrapha (Dolopia veterum): in regione superiore Pindi summi montis Karáva, alt. 5500–6500': 1–3 July 1885, T.H.H. von Heldreich s.n. ([WU 0035423](#)).

Syntype:—[Greece] Sermeniko: in mte Gionscala: 14 August 1896, P.E.E. Sintenis 1167 ([WU 0037089](#)).

Lectotype designated by Franzén (1986c: 40).

Anthemis tomentosa f. *discoidea* Heldr. ex R. Fern., Anales Inst. Bot. Cavanilles 32 (2): 1487. 1975.

Current name: *Anthemis tomentosa*

Isotype:—[Greece] Insulae Petalia ad Carystum Euboeae meridionalis, in arenosis maritimis formae ambae promiscue crescunt: 25 May 1889, [T.H.H. von Heldreich 1038], leg. L. Münter s.n. ([WU 0037155](#)).

The varieties “*radiata*” and “*discoidea*” are mentioned in Heldreich’s Herbarium Graecum normale No. 1038 and later by Halácsy (1902a) without a description and no material is cited for one of the two varieties.

Holotype in LD (Fernandes 1975).

Aster alpinus var. *cylleneus* Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 3: 7. 1856.

Current name: *Aster alpinus* subsp. *cylleneus*

Syntype:—[Greece] in m. Kyllenes reg. super. rar. alt. 6500': 14 July 187# [1852], T.G. Orphanides 285 ([WU 0074983](#)).

Judging from the locality and the sequence of collecting numbers of other Orphanides vouchers in WU and LD the correct collecting year should be 1852.

Asteriscus citriodorus Heldr. & Halácsy in Halácsy, Oesterr. Bot. Z. 45 (11): 411–412. 1895.

Current name: *Asteriscus aquaticus*

Syntype:—[Greece] Insula Ios, in saxosis inter portum et urbem: 29–30 June 1889 & 1–2 July 1889, T.H.H. von Heldreich s.n. ([WU 0074997](#)).

First-step lectotype in W ([W 1927-0009915](#)) designated by Wiklund (1987: 20). However, the designation of the voucher in W as lectotype is ambiguous according to Art. 9.17 (Turland *et al.* 2018), as two ranges of collecting dates are given on the label and it is unclear whether the two specimens mounted on the voucher belong to the same gathering (Art. 8.2, Turland *et al.* 2018). Thus, the voucher in WU-Halácsy-Graec. is a syntype.

Bellis perennis var. *microcephala* Boiss., Fl. orient. 3: 174. 1875.

Current name: *Bellis perennis*

Syntype:—[Greece] In m. Taygeti summis ad nives deliquescentes (Χουδατα): 25 July 1844, T.H.H. von Heldreich s.n. ([WU 0074922](#)).

Carduus halacsyi Heldr., Herb. Graec. Norm.: No. 1258, *cum diagn.* 1895.

Current name: *Carduus pycnocephalus* subsp. *marmoratus* (FHD)

Syntype:—[Greece] Achaia: ad vias et in olivetis Peloponnesi haud rarus. Prope Patras: 8 June 1894, T.H.H. von Heldreich 1258 ([WU 0076595](#)).

Carduus nutans var. *brachycentrus* Hausskn., Mitth. Thüring. Bot. Vereins 7: 40. 1895.

Current name: *Carduus nutans* (FHD)

Syntype:—[Greece] Planities Thessalae (Thessaliothis), in collibus herbosis prope Aivali (inter Pheras et Pharsalum): 15 June 1885, T.H.H. von Heldreich s.n. ([WU 0076430](#)).

Carlina curetum Heldr. ex Halácsy, Consp. Fl. Graec. 2 (1): 98–99. 1902.

Current name: *Carlina corymbosa* subsp. *curetum*

Isolectotype:—[Greece] In regione sylvatica montis Idae super. Supra oppidum Nida: 15 August 1870, T.H.H. von Heldreich s.n. ([WU 0076370](#)).

Lectotype in G according to Meusel & Kästner (1994: 222).

Carlina elegans Heldr. ex Halácsy, Consp. Fl. Graec. 2 (1): 97. 1902.

Current name: *Carlina corymbosa* subsp. *graeca*

Isolectotypes:—[Greece] Messenia: in arenosis maritimis & in alveo Nedonis prope Kalamata: 11 July 1900, K.H. Zahn s.n. [Herb. Graec. Norm. 1647] ([WU 0076362](#)).—[Greece] Messenia: in arenosis ad mare nec non in alveo Nedonis prope Kalamata: 11 July 1900, K.H. Zahn s.n. [Herb. Graec. Norm. 1647] ([WU 0076363](#)).

Lectotype in W ([W 0044765](#)) designated by Meusel & Kästner (1994: 190).

Carlina graeca Heldr. & Sartori in Heldreich, in *schedis autogr.*: Herb. Graec. Norm.: No. 423, cum diagn. 185# [1855].

Current name: *Carlina corymbosa* subsp. *graeca*

Syntype:—[Greece] In collibus aridis et in campis post messem circa Athenas vulgatissima: July 1855, J. Sartori s.n. ([WU 0071915](#)).

Carlina graeca var. *actinobola* Heldr. ex Halácsy, Consp. Fl. Graec. 2 (1): 98. 1902.

Current name: *Carlina corymbosa* subsp. *graeca*

Lectotype:—[Greece] Flora Aegaea: in Cycladum insulis Delos et Mykonos: July 1901, T.H.H. von Heldreich 1648 ([WU 0072521](#)), authentic specimen for *Carlina actinobola* Heldr. (quod vide in Catalogue C).

Isolectotype:—[Greece] Flora Aegaea: in Cycladum insulis Delos et Mykonos: July 1901, T.H.H. von Heldreich 1648 ([WU 0076365](#)), authentic specimen for *Carlina actinobola* Heldr. (quod vide in Catalogue C).

Lectotype designated by Meusel & Kästner (1994: 214).

Halácsy's herbarium contains two corresponding vouchers collected by Heldreich, one with a handwritten diagnosis and the name of *Carlina actinobola* Heldr. nov. sp. by Heldreich and one with a printed label of Heldreich's Herbarium Graecum Normale series containing a diagnosis. According to Meusel & Kästner (1994) Halácsy published his *Carlina graeca* var. *actinobola* in April 1902 citing Heldreich's material but in the herbarium WU the corresponding material was only acquired in June 1902. We can assume, that Halácsy first obtained the voucher with the handwritten diagnosis and validly published this at variety level (thus *Carlina graeca* var. *actinobola* Heldr. ex Halácsy), and the – most likely posterior – publication in Heldreich's series thus only qualifies as a new combination (*Carlina actinobola* (Heldr. ex Halácsy) Heldr.). The orthographic variant of var. *actinobola* dates back to Hayek (1931) but is an invalid correction as Heldreich's original epithet *actinobola* is meaningful and thus not necessarily a mistake (Meusel & Kästner 1994).

Carlina rigida var. *sordida* Formánek, Verh. Naturf. Vereins Brünn 35: 171. 1897.

Current name: *Carlina vulgaris* (FHD)

Syntype:—[Greece] M. Mitrica in mon. Chassia Th: 28 July 1896, E. Formánek s.n. ([WU 0044903](#)).

Carlina sitiensis Rech. f., Repert. Spec. Nov. Regni Veg. 43 (10–12): 147. 1938.

Current name: *Carlina sitiensis*

Isotype:—[Greece] Kreta. Distrikt Sitia: Erimopolis am Kap Sidero: 16 July 1904, I. Dörfler 762 ([WU 0071906](#)).

Holotype in WU ([WU 0071905](#)) (Rechinger 1938).

Carthamus ambiguus Heldr. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 186–188. 1899.

Current name: *Carthamus dentatus* subsp. *ruber*

Syntype:—[Greece] In Cycladum ins. Naxos: 2 July 1897, C. Leonis s.n. ([WU 0077304](#)).

Carthamus lanatus var. *graecus* Heldr., Herb. Graec. Norm.: No. 1152, cum diagn. 189#.

Current name: *Carthamus lanatus*

Syntype:—[Greece] In locis cultis derelictis, ad vias, circa Athenas (l.d. Podoniphti): 7 July 1891 & 21 July 1891 (semina matura), T.H.H. von Heldreich 1152 ([WU 0077306](#)).

Carthamus sartorii Heldr., Herb. Graec. Norm.: No. 1153, cum diagn. 189#.

Current name: *Carthamus dentatus* subsp. *ruber* (FHD)

Syntype:—[Greece] In arvis post messem et in locis siccis circa Athenas, Legi l. d. Podoniphti: 7 July 1891 & 6 August 1891 (semina matura), T.H.H. von Heldreich 1153 ([WU 0077307](#)).

Centaurea achaia Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 79. 1856.

Current name: *Centaurea achaia* subsp. *achaia*

Isolectotypes:—[Greece] In m. Chelmos Arcadiae, pr. Peristera, 3500' alt: 4 July 187# [1852], T.G. Orphanides 305 (WU 0072057), possible type for *Centaurea achaia* var. *intermedia* Boiss. (quod vide in Catalogue A) and *Centaurea achaia* var. *submutica* Boiss. (quod vide in Catalogue A).—[Greece] In monte Chelmos (Αρούνια Ορη) prope Peristeram (rara). alt. 3500': 22 June 1852/4 July 1852, T.G. Orphanides 305 (WU 0072058), possible type for *Centaurea achaia* var. *intermedia* Boiss. (quod vide in Catalogue A) and *Centaurea achaia* var. *submutica* Boiss. (quod vide in Catalogue A).

Lectotype in UPA according to Gamal-Eldin & Wagenitz (1985: 121).

Centaurea achaia var. *intermedia* Boiss., Diagn. pl. orient. sér. 2, 3: 80. 1856.

Current name: *Centaurea achaia*

Possible types:—(WU 0072057, WU 0072058), isolectotypes for *Centaurea achaia* Boiss. & Heldr. (quod vide in Catalogue A), possible types for *Centaurea achaia* var. *submutica* Boiss. (quod vide in Catalogue A).

In the protologue Boissier cited both collections for both varieties (var. *intermedia* and var. *submutica*), thus possible types.

Centaurea achaia var. *submutica* Boiss., Diagn. pl. orient. sér. 2, 3: 79. 1856.

Current name: *Centaurea achaia*

Possible types:—(WU 0072057, WU 0072058), isolectotypes for *Centaurea achaia* Boiss. & Heldr. (quod vide in Catalogue A), possible types for *Centaurea achaia* var. *intermedia* Boiss. (quod vide in Catalogue A).

In the protologue Boissier cited both collections for both varieties (var. *intermedia* and var. *submutica*), thus possible types.

Centaurea aegialophila Wagenitz, Notes Roy. Bot. Gard. Edinburgh 33 (2): 230. 1974, *nom. nov.* pro: *Aegialophila cretica* Boiss. & Heldr.

Current name: *Centaurea aegialophila*

Syntype:—(WU 0076953), syntype for *Aegialophila cretica* Boiss. & Heldr. (quod vide in Catalogue A).

Wagenitz (1974) coined his new name because of the earlier homonym *Centaurea cretica* (L.) Spreng., Syst. Veg., ed. 16, 3: 408. 1826.

Centaurea affinis var. *denudata* Halácsy, Bull. Herb. Boissier 6 (7): 593. 1898.

Current name: *Centaurea affinis* subsp. *pallidior*

Syntype:—[Greece] Sermeniko: in saxosis mont. Gionscala: 10 August 1896, J.F. Freyn s.n. [P. Sintenis: Iter thessalicum 1896: 1126] (WU 0076924).

Centaurea affinis var. *lacerata* Hausskn., Mitth. Thüring. Bot. Vereins 7: 43. 1895.

Current name: *Centaurea lacerata*

Lectotype:—[Greece] Pindus Tymphaeus: supra Mezovo, alt 4500–5000', substratu silicico-serpentino. pr. Malakasi in schistos., c. typo: July 1885, H.K. Haussknecht s.n. (WU 0072072).

Lectotype designated by Gamal-Eldin & Wagenitz (1991: 498).

Centaurea affinis var. *peloponnesiaca* Halácsy, Bull. Herb. Boissier 6 (7): 593. 1898.

Current name: *Centaurea affinis* subsp. *laconiae*

Syntypes:—[Greece] Legi in monte Malevo Laconiae prope Vromepigadan: 7 July 1850/19 July 1850, T.G. Orphanides s.n. (WU 0072070).—[Greece] Legi in monte Chelmos (Αρούνια Ορη) prope Palaeomonastiron supra Clukines alt. 4000': 17 June 1852/29 June 1852, T.G. Orphanides s.n. (WU 0072071).

Centaurea albanica Halácsy ex Bornm., Beih. Bot. Centralbl., Abt. 2 38 (2): 459. 1921, *nom. nov.* pro: *Centaurea ustulata* Halácsy.

Current name: *Centaurea albanica* (FHD)

Syntype:—[Greece] M. Konitza supra Gorica (Vradeton): 12 July 1896, A. Baldacci 179 (WU 0076908), syntype for *Centaurea ustulata* Halácsy *nom. illeg.* (quod vide in Catalogue A).

Bornmüller (1921) selected the epithet *albanica* as *nomen novum* for Halácsy's *Centaurea ustulata* Halácsy *nom. illeg.*, Halácsy himself (1902b: 582) in the index of his *Conspectus Florae Graecae* 2 already gave the name *C. albanica* referring to page 134, on this page, however, *C. ustulata* is treated whereas *C. albanica* is lacking.

Centaurea amplifolia Boiss. & Heldr. in Boissier, *Diagn. pl. orient. sér. 2, 3*: 68. 1856.

Current name: ***Centaurea amplifolia*** (FHD)

Isolectotype:—[Greece] In monte Ziria Peloponnesi (Cyllene vet.) prope Flamburitzam (rarissima), alt. 3000'–4000': 17 June 1851/29 June 1851, T.G. Orphanides 125 ([WU 0076847](#)).

Syntypes:—[Greece] In faucibus umbrosis reg. abietina ad Prioni inter m. Kyllene et m. Gymnovouno pr. Trikala: 10 July 1848, T.H.H. von Heldreich 2067 ([WU 0076846](#)).—[Greece] In monte Ziria (Cyllene) prope Flamburitzam: June 1852, T.G. Orphanides s.n. ([WU 0076848](#)).

Lectotype in C according to Tan *et al.* (2009: 56).

Centaurea asperula Halácsy, *Bull. Herb. Boissier* 6 (7): 588–589. 1898.

Current name: ***Centaurea attica***

Syntype:—[Greece] Flora Attica: In regione Laurii. Kamariza: 17 June 1886, T.H.H. von Heldreich s.n. ([WU 0071984](#)).

Centaurea attica* var. *pateraea Halácsy, *Bull. Herb. Boissier* 6 (7): 590. 1898.

Current name: ***Centaurea subsericans***

Syntypes:—[Greece] Flora Attica: m. Pateras: 4 June 1876, T.H.H. von Heldreich s.n. ([WU 0076918](#)).—[Greece] In montis “Pateras” regione media, supra Pataro Kuntura Atticae occidentalis, alt. 2000–3000': 8 June 1876, T.H.H. von Heldreich s.n. ([WU 0076919](#), [WU 0076920](#)).—[Greece] Attica: in arenos. mts. Pateras, alt. 1000 m: May 1876, T. Pichler s.n. ([WU 0076921](#)).

Centaurea baldaccii Degen ex Bald., *Malpighia* 9: 277–278. 1895.

Current name: ***Centaurea baldaccii***

Lectotype:—[Greece] In summis m. Gigilos Volakia distr. Sphakia: 8 July 1893, A. Baldacci 76 ([WU 0071992](#)).

Lectotype designated by Gamal-Eldin & Wagenitz (1991: 516).

Centaurea brevispina Hausskn., *Mitth. Thüring. Bot. Vereins* 7: 46. 1895.

Current name: ***Centaurea tymphaea* subsp. *brevispina***

Syntype:—[Greece] Thessalia: M. Pelion supra Volos: 3 August 1885, H.K. Haussknecht s.n. ([WU 0076928](#)).

Centaurea ceccariniana Boiss. & Heldr. in Boissier, *Diagn. pl. orient. sér. 2, 3*: 81. 1856.

Current name: ***Centaurea graeca***

Syntype:—[Greece] In monte Parnasso. in reg. abietina supra Delphos.: 31 July 1852, T.H.H. von Heldreich 2725 ([WU 0071990](#)).

Centaurea confusa Halácsy, *Bull. Herb. Boissier* 6 (7): 596–597. 1898.

Current name: ***Centaurea grisebachii* subsp. *confusa*** (FHD)

Syntypes:—[Greece] Malakasi in Pindo: 3 August 1895, E. Formánek s.n. ([WU 0072061](#)).—[Greece] In aridis, ad Konduvraki distr. Janina: 2 August 1895, A. Baldacci 165 ([WU 0072062](#)).—[Greece] I. thessal. borealis. In Macedonia, prope Paligriatzano (Eparchias Servica), legit Basilicula Stephann [sic!]: July 1892, T.H.H. von Heldreich s.n. ([WU 0076925](#)).—[Greece] Dipotamosthal, Epirus: 4 August 1895, E. Formánek s.n. ([WU 0076926](#)).

Centaurea cycladum Heldr., *Herb. Graec. Norm.*: No. 1652, *cum diagn.* 1902.

Current name: ***Centaurea spinosa***

Syntype:—[Greece] In Cycladum ins. Mykonos: 15 July 1901, T.H.H. von Heldreich 1652 ([WU 0076939](#)).

Centaurea deusta* var. *brunnea Halácsy, *Bull. Herb. Boissier* 6 (7): 575. 1898.

Current name: ***Centaurea brunnea*** (FHD)

Syntype:—[Greece] In rupestribus; m. Zalongos, distr. Prevesa: 26 June 1895, A. Baldacci 72 ([WU 0071989](#)).

Centaurea deusta var. *epirotica* Bald., Nuovo Giorn. Bot. Ital., n.s. 6 (2): 181–182. 1899.

Current name: *Centaurea ptarmicifolia*

Lectotype:—[Greece] In lapidosis mobilibus summis, distr. Konitza, m. Smolika supra Kerasovo: 18 July 1896, A. Baldacci 243 ([WU 0071983](#)), lectotype for *Centaurea ptarmicifolia* Halácsy ex Hayek *nom. nov.* (quod vide in Catalogue A).

Lectotype designated by Gamal-Eldin & Wagenitz (1991: 506).

The name *C. ptarmicoides* was mentioned by Halácsy (1902b) only in the index of his *Conspectus Florae Graecae* 2, most probably with the intention to replace the epithet *epirotica*, as on the indicated page he only gave a new combination of *C. deusta* var. *epirotica* Bald. for *C. epirotica* (Bald.) Halácsy. Hayek (1931) took *C. ptarmicifolia* Halácsy ex Hayek (as *ptarmicaefolia*) as replacement name. According to the decision of the special Committee for Spermatophyta *C. epirota* Halácsy and *C. epirotica* (Bald.) Halácsy are to be treated as homonyms (Brummitt 2001) and thus *C. ptarmicifolia* Halácsy ex Hayek is the valid name at specific rank for *C. epirotica* (Bald.) Halácsy.

Centaurea drakiensis Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (10): 783. 1897.

Current name: *Centaurea thessala* subsp. *drakiensis*

Syntype:—[Greece] Volo, prope Drakia in mte. Pelion: 8 September 1896, P.E.E. Sintenis 1316 ([WU 0072060](#)).

Centaurea ebenoides Heldr. ex S. Moore, J. Bot. 16: 133. 1878.

Current name: *Centaurea ebenoides*

Syntype:—[Greece] In Euboea: May 1862, J.S. Mill s.n. ([WU 0076942](#)).

Centaurea epirota Halácsy, Bull. Herb. Boissier 6 (7): 581. 1898.

Current name: *Centaurea epirota*

Syntypes:—[Greece] In declivibus elatioribus Mitčikeli distr. Janina: 16 June 1895, A. Baldacci 73 ([WU 0101363](#)).—[Greece] In silvaticis reg. mediae m. Mitčikeli distr. Janina: 9 June 1896, A. Baldacci 82 ([WU 0101362](#)).

The above cited vouchers were both found in the collection WU-Halácsy-Europ.; in WU-Halácsy-Graec. the entire folder containing *Centaurea epirota* Halácsy is missing. However, Halácsy (1902a) cited these two Baldacci gatherings. Thus, it seems likely that the two vouchers originally belonged to the WU-Halácsy-Graec. and were erroneously placed in the WU-Halácsy-Europ.

Centaurea erythracantha Halácsy, Oesterr. Bot. Z. 56 (5/6): 210. 1906.

Current name: *Centaurea solstitialis* subsp. *solstitialis*

Syntype:—[Greece] Pr. Lithochorion ad radices mt Olympus Thessaliae: 27 July 1905, L. Adamović 591 ([WU 0076950](#)).

Centaurea guicciardii Boiss., Fl. orient. 3: 661–662. 1875.

Current name: *Centaurea spruneri*

Isolectotype:—[Greece] Prope Vostitzam Peloponnesi: 14 July 1855/26 July 1855, T.G. Orphanides 467 ([WU 0076943](#)).

Lectotype in G-BOIS according to Gamal-Eldin & Wagenitz (1985: 115).

Centaurea guicciardii var. *minutispina* Halácsy, Bull. Herb. Boissier 6 (8): 642. 1898.

Current name: *Centaurea graeca* (FHD)

Syntype:—[Greece] Kastri in Thessalia: 26 July 1896, E. Formánek s.n. ([WU 0071991](#)).

Centaurea halacsyi Dörfl., Oesterr. Bot. Z. 51 (6): 204. 1901.

Current name: *Centaurea* ×*halacsyi* (hybrid of *C. atropurpurea* and *C. raphanina*)

Syntype:—[Greece] Insula Amorgos: 23 May 1898, C. Leonis 42 ([WU 0076944](#)).

Centaurea heldreichii Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 315–316, Taf. II. 1894.

Current name: *Centaurea heldreichii*

Syntypes:—[Greece] Aetolia. In rupestribus calcareis mt. Chalkis (Varassova hodie) ad sinum Patranum. Alt. 20–50 m: 8 June 1893, E. von Halácsy s.n. ([WU 0076851](#), [WU 0076852](#), [WU 0076853](#), [WU 0076854](#)).

Centaurea hellenica f. *intermedia* Heldr., Herb. Graec. Norm.: No. 1047b, *cum diagn.* 18##.

Current name: *Centaurea raphanina* subsp. *mixta* (FHD)

Syntype:—[Greece] Insula Hydra ad Argolidem: in saxosis calcareis: 1 May 1889, T.H.H. von Heldreich 1047b (WU 0072059).

Centaurea iberica var. *holzmanniana* Boiss., Fl. orient. Suppl.: 316. 1888.

Current name: *Centaurea iberica* subsp. *holzmanniana*

Syntypes:—[Greece] In oropediis montis Parnethis, inter Tatoi & Hagios-Merkurios, alt. 1500–2000': 10 July 1878, T. Holzmann & T.H.H. von Heldreich 111 (WU 0076951, WU 0076952), authentic specimens for *Centaurea holzmanniana* Heldr. ex Boiss. (quod vide in Catalogue B).

Centaurea incompleta Halácsy, Bull. Herb. Boissier 6 (7): 583–584. 1898.

Current name: *Centaurea incompleta*

Holotype:—[Greece] Olympos: Bitos. Felsen bei Bitos im Thale Megarema: 21 August 1891, P.E.E. Sintenis & J. Bornmüller 1332 (WU 0076914).

Centaurea kalambakensis Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (10): 784. 1897.

Current name: *Centaurea kalambakensis*

Syntype:—[Greece] Guwelzi: ad parietes rupium: 6 June 1896, P.E.E. Sintenis 409 (WU 0071985).

Centaurea lactiflora Halácsy, Bull. Herb. Boissier 6 (7): 601–602. 1898.

Current name: *Centaurea tymphaea* (FHD)

Syntype:—[Greece] Konisko in Thess: 29 July 1896, E. Formánek s.n. (WU 0040141).

Type of the name *Centaurea* [subgen. *Acrolophus*] sect. *Albiflorae* Dostál, Bot. J. Linn. Soc. 71: 194. 1975.

Centaurea laureotica Heldr. ex Halácsy, Bull. Herb. Boissier 6 (7): 590. 1898.

Current name: *Centaurea laureotica*

Syntypes:—[Greece] Flora Attica: in regione Laurii, in montosis ad Kamariza: 9 May 1885, T.H.H. von Heldreich s.n. (WU 0076922).—[Greece] Attica: In pinetis apricis montium Laurii, circa Kamariza, 1000': 17 June 1886, T.H.H. von Heldreich 948 (WU 0076923).

Centaurea megarensis Halácsy & Hayek in Hayek, *Centaureae exsicc. crit.*, fasc. 1: no. 29, *cum diagn.* 1913 and *Repert. Spec. Nov. Regni Veg.* 12 (312–316): 125–126. 1913.

Current name: *Centaurea attica* subsp. *megarensis*

Syntypes:—[Greece] Graecia: Attica, in declivibus regionis abietinae montis Gerania prope urbem Megara; 1000–1400 m. s. m.: 1913, B. Tuntas s.n. [Hayek, *Centaureae exsiccatae criticae* 29] (WU 0073185).—[Greece] In regione abietina m. Gerania Megarae, 1000 m.: 23–28 June 1910, B. Tuntas 860 (WU 0073186).

Validly published with diagnosis on printed schedae according to Art. 29.1 (Turland *et al.* 2018).

Centaurea minoa Heldr. in Boissier, Fl. orient. 3: 662. 1875.

Current name: *Centaurea spruneri*

Syntypes:—[Greece] Flora Cretae: in campis prope Heraclein: 21 July 1870, T.H.H. von Heldreich s.n. (WU 0076945).—[Greece] In campis prope Heraclein Cretae: 21 July 1870, T.H.H. von Heldreich s.n. (WU 0076946).

Centaurea musarum Boiss. & Orph. in Boissier, *Diagn. pl. orient. sér.* 2, 5: 112–113. 1856.

Current name: *Centaurea musarum*

Isolectotype:—[Greece] in m. Parnassi reg. media. alt. 5000': 15 July 1854, T.G. Orphanides 308 (WU 0076849).

Syntype:—[Greece] in regione media montis Parnassi prope Clisto-Zasteno. rarissima. alt. 5000': 3 July 1854/15 July 1854, T.G. Orphanides 308 (WU 0076850).

First-step lectotype in G designated by Gamal-Eldin & Wagenitz (1991: 509). However, there are two collections of Orphanides 308 in the herbarium G-BOIS (G00759318, consisting of two sheets, G00759317, a single-sheet), both are annotated as “type” of *Centaurea musarum* by Wagenitz. The specimen in G (G00223126, two sheets belonging to the Barbey-Boissier collection) does not have any indication by Wagenitz. (pers. comm. L. Gautier, G).

Centaurea ossaea Halácsy, Bull. Herb. Boissier 6 (7): 591. 1898.

Current name: *Centaurea ossaea*

Lectotype:—[Greece] In reg. supra m. Ossae Thessal: July 1884, T.H.H. von Heldreich s.n. ([WU 0072074](#)).

Lectotype designated by Gamal-Eldin & Wagenitz (1991: 502–503).

Centaurea pallidior Boiss. ex Halácsy, Bull. Herb. Boissier 6 (7): 594–595. 1898.

Current name: *Centaurea affinis* subsp. *pallidior*

Syntypes:—[Greece] In monte Korax Aetoliae adjectae. In regione abietina media et superiori, alt. 4500'–5500': 24 July 1879, T.H.H. von Heldreich s.n. ([WU 0072065](#)), syntype for *Centaurea pallidior* var. *pallidissima* Halácsy (quod vide in Catalogue A).—[Greece] In nemorosis Eurytaniae, circa Carpenisi: 3 August 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. Graec. Norm. 710] ([WU 0072067](#)), authentic specimen for *Centaurea dissecta* f. *pallidior* Boiss. (quod vide in Catalogue B).

Centaurea pallidior var. *pallidissima* Halácsy, Bull. Herb. Boissier 6 (7): 594–595. 1898.

Current name: *Centaurea affinis* subsp. *pallidior*

Syntypes:—[Greece] Doris: in regione abietina supra pagum Segditza, alt. 4000': 11 July 1888, E. von Halácsy s.n. ([WU 0072066](#)).—([WU 0072065](#)), syntype for *Centaurea pallidior* Boiss. ex Halácsy (quod vide in Catalogue A).

Centaurea parnonia Halácsy, Bull. Herb. Boissier 6 (8): 648. 1898, *nom. nov.* pro: *Centaurea rupestris* var. *minor* Boiss.

Current name: *Centaurea athoa* subsp. *parnonia*

Syntype:—[Greece] Legi in cacumine montis Malevo Laconiae: 19 July 1858/31 July 1858, T.G. Orphanides s.n. ([WU 0076948](#)), syntype for *Centaurea rupestris* var. *minor* Boiss. (quod vide in Catalogue A).

Centaurea paucijuga Halácsy, Bull. Herb. Boissier 6 (7): 595–596. 1898.

Current name: *Centaurea affinis* subsp. *pallidior*

Syntype:—[Greece] Doris: in regione abietina supra pagum Segditza, alt. 4000': 11 July 1888, E. von Halácsy s.n. ([WU 0072063](#)).

Centaurea paucijuga var. *melanolepis* Halácsy, Bull. Herb. Boissier 6 (7): 596. 1898.

Current name: *Centaurea affinis* subsp. *pallidior*

Syntype:—[Greece] Doris: in regione abietina supra pagum Segditza, alt. 4000': 11 July 1888, E. von Halácsy s.n. ([WU 0072064](#)).

Centaurea princeps Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 111–112. 1859.

Current name: *Centaurea princeps*

Syntype:—[Greece] In summo cacumine Petra m. Veluchi, alt. 6000': 6 August 1857, J.B. Samaritani & J. Guicciardi s.n. [De Heldreich plantae exsiccatae e Graecia 3298] ([WU 0076910](#)).

Centaurea pseudocadmea Wagenitz, Ann. Naturhist. Mus. Wien 75: 244–246, fig. 1. 1971.

Current name: *Centaurea pseudocadmea*

Holotype:—[Greece] In m. Cithaeron: 7 June 1911/20 June 1911, B. Tuntas 1175 ([WU 0076909](#)).

Centaurea ptarmicifolia Halácsy ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 2 (6): 781. 1931, *nom. nov.* pro: *Centaurea epirotica* (Bald.) Halácsy, Consp. Fl. Graec. 2 (1): 134. 1902 (based on the variety).

Current name: *Centaurea ptarmicifolia*

Lectotype:—([WU 0071983](#)), lectotype for *Centaurea deusta* var. *epirotica* Bald. (quod vide in Catalogue A).

Lectotype designated by Gamal-Eldin & Wagenitz (1991: 506).

Centaurea redempta Heldr., Bull. Soc. Bot. France 37: 243–245. 1890.

Current name: *Centaurea redempta*

Syntypes:—[Greece] Amalos, rochers: 17 June 1884, E. Reverchon 82 ([WU 0071993](#)).—[Greece] Rochers de Malaxa: 18 June 1883, E. Reverchon 82 ([WU 0071994](#)).

Centaurea rupestris var. *minor* Boiss., Fl. orient. 3: 668. 1875.

Current name: *Centaurea athoa* subsp. *parnonia*

Syntype:—([WU 0076948](#)), syntype for *Centaurea parnonia* Halácsy *nom. nov.* (quod vide in Catalogue A).

Centaurea sibthorpii Halácsy, Bull. Herb. Boissier 6 (8): 635–636. 1898.

Current name: *Centaurea achaia*

Syntype:—[Greece] In campis ad vinetis pr. Mesoitis Atticae: 25 June 1895, T.H.H. von Heldreich 426 ([WU 0071988](#)).

Centaurea solstitialis var. *pynoclada* Heldr., Herb. Graec. Norm. 15: No. 1449, *cum diagn.* 1898.

Current name: *Centaurea solstitialis*

Syntype:—[Greece] Attica: in arvis post messem et ad vias. Prope Liosia: 22 July 1897, T.H.H. von Heldreich 1449 ([WU 0076949](#)).

Centaurea spinosa f. *glabrata* Heldr., Herb. Graec. Norm.: No. 1045, *cum diagn.* 18##.

Current name: *Centaurea spinosa*

Syntype:—[Greece] In maritimis Naxi prope urbem: 24 June 1889, T.H.H. von Heldreich 1045 ([WU 0076940](#)).

Centaurea spinosa var. *tomentosa* Halácsy, Bull. Herb. Boissier 6 (8): 634. 1898.

Current name: *Centaurea spinosa*

Syntype:—[Greece] Attica: in arenosis maritimis Phaleri: 10 July [June?] 1889, T.H.H. von Heldreich 1044 ([WU 0076938](#)).

On the label of the voucher in LD ([LD 1400562](#)) the preprinted date was corrected to June instead of July. This seems likely, as no. 1045 ([WU 0076940](#)) is dated 24 June 1889.

Centaurea subsericans Halácsy, Magyar Bot. Lapok 11 (5–8): 164. 1912.

Current name: *Centaurea subsericans*

Syntype:—[Greece] Flora Attica: in monte “Pateras”: 24 July 1910, B. Tuntas 848 ([WU 0080223](#)).

Centaurea thessala Hausskn., Mitt. Geogr. Ges. (Thüringen) Jena 5 (3, Bot. Ver. Gesamtthür.): 86. 1887c.

Current name: *Centaurea thessala* subsp. *thessala*

Syntype:—[Greece] Thessalia superior: in rupib. calc. supra Tyrnavos: 31 July 1885, H.K. Haussknecht s.n. ([WU 0076934](#)).

Centaurea tuntasia Heldr. ex Halácsy, Bull. Herb. Boissier 6 (8): 646. 1898.

Current name: *Centaurea tuntasia*

Syntypes:—[Greece] In locis cultis ad vineta prope Liosia: 12 July 1897, T.H.H. von Heldreich & B. Tuntas 1447 ([WU 0071986](#)).—[Greece] Attica: in planitic prope Liosia, inter vineta: 12 July 1897, T.H.H. von Heldreich & B. Tuntas s.n. ([WU 0071987](#)).

Centaurea tymphaea Hausskn., Mitth. Thüring. Bot. Vereins 7: 44. 1895.

Current name: *Centaurea tymphaea*

Syntype:—[Greece] Pindus Tymphaeus: in dumet. saxos. pr. Klinowo et pr. Prewenda: 24 July 1885, H.K. Haussknecht s.n. ([WU 0076927](#)).

Centaurea ustulata Halácsy, Consp. Fl. Graec. 2 (1): 134. 1902, *nom. illeg.*: non *Centaurea ustulata* DC., Prodr. 6: 576. 1838.

Current name: *Centaurea albanica* (FHD)

Syntype:—([WU 0076908](#)), syntype for *Centaurea albanica* Halácsy ex Bornm. *nom. nov.* (quod vide in Catalogue A).

Chamaemelum rosellum Boiss. & Orph. in Boissier, Fl. orient. 3: 334. 1875.

Current name: *Tripleurospermum rosellum*

Syntypes:—[Greece] In monte Malevô Laconiae prope Hajos Petros, rarissime., alt. 3000': 26 April 1857/8 May 1857, T.G. Orphanides 778 ([WU 0076323](#)).—[Greece] In monte Malevô Laconiae, alt. 3000': 8 May 1857, T.G. Orphanides 778 ([WU 0076324](#)).

Chamaemelum tempskyanum Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (10): 781–782. 1897.

Current name: *Tripleurospermum tempskyanum*

Isolectotype:—[Greece] Said-Pascha in Pindo tymphaeo: 9 July 1896, P.E.E. Sintenis 744 ([WU 0076319](#)), syntype for *Chamaemelum tempskyanum* f. *discoidea* Freyn & Sint. (quod vide in Catalogue A).

Lectotype in LD according to Strid & Tan (1991b: 452). The vouchers in WU-Halácsy-Graec. and S ([S 08-2420](#)) have the same number as the lectotype, the different date (24 June 1896) on the LD sheet probably is due to a mistake.

Chamaemelum tempskyanum f. *discoidea* Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (10): 781–782. 1897.

Current name: *Tripleurospermum tempskyanum*

Syntype:—([WU 0076319](#)), isolectotype for *Chamaemelum tempskyanum* Freyn & Sint. (quod vide in Catalogue A).

Cichorium hybridum Heldr. ex Halácsy, Consp. Fl. Graec. 2 (1): 179. 1902, pro hybride [*Cichorium pumilum* × *C. spinosum*].

Current name: *Cichorium spinosum* (FHD)

Syntypes:—[Greece] Flora Aegaea: Cycladum insula Mykonos. Ad vias et in locis cultis Anomerà: 24 July 1902, T.H.H. von Heldreich 1662 ([WU 0077340](#)).—[Greece] Flora Cycladum, in insula Mykonos, in oropedio Anomerà: 22 July 1902, T.H.H. von Heldreich 1662 ([WU 0077341](#)).

Cirsium chelmeum Orph. in Boissier, Diagn. pl. orient. sér. 2, 3: 41–42. 1856.

Current name: *Cirsium candelabrum* (FHD)

Syntype:—[Greece] In monte Chelmos Peloponnesi prope Zaruchlam Clukinarum in loco dicto Rizanà: 25 July 1851, T.G. Orphanides s.n. ([WU 0076662](#)).

Cirsium cylleneum Halácsy, Consp. Fl. Graec. suppl. 1: 58–59. 1908.

Current name: *Cirsium hyposilum*

Syntype:—[Greece] Mons Ziria, supra Tsapournia: 8 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 509 ([WU 0076655](#)).

Cirsium heldreichii Halácsy, Oesterr. Bot. Z. 40 (3): 114–116. 1890.

Current name: *Cirsium heldreichii*

Syntype:—[Greece] In m. Tymphresto (nunc Veluchi) Eurytaniae, alt. 5500–7140': 7–9 August 1879, T.H.H. von Heldreich s.n. ([WU 0076604](#)).

Cirsium mairei Halácsy, Consp. Fl. Graec. suppl. 1: 59. 1908.

Current name: *Cirsium mairei*

Syntype:—[Greece] Ghiona, Karvouni: 24 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1455 ([WU 0076656](#)).

Cirsium morinifolium Boiss. & Heldr. in Boissier, Fl. orient. 3: 530. 1875.

Current name: *Cirsium morinifolium*

Syntype:—[Greece] In m. Ida Cretae in reg. silvatica, 4500': 14 August 1870, T.H.H. von Heldreich s.n. ([WU 0076603](#)).

Cirsium spathulatum var. *parnassi* Halácsy, Consp. Fl. Graec. 2 (1): 109. 1902.

Current name: *Cirsium eriophorum*

Syntype:—[Greece] In regione abietina mt. Parnassi loco Gurna dicto, rare: 15 July 1888, E. von Halácsy s.n. ([WU 0076596](#)).

Cirsium vandasii Petr., Oesterr. Bot. Z. 60: 352. 1910.

Current name: *Cirsium eriophorum*

Syntype:—[Greece] Sermeniko, in oropedio Nevropolis: 25 August 1896, P.E.E. Sintenis 1131 ([WU 0076597](#)).

Cota parnassica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 20. 1856.

Current name: *Anthemis tinctoria* subsp. *parnassica*

Syntypes:—[Greece] In rupibus reg. mediae & alpinae m. Parnassi frequens. alt. 4000–7000': July 1855 – August 1856, T.H.H. von Heldreich 210 ([WU 0037003](#)).—[Greece] In monte Parnasso in reg. alpina: August 1852, T.H.H. von Heldreich 2715 ([WU 0037005](#)).

Crepis baldaccii Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 42: 577–578. 1893.

Current name: *Crepis baldaccii*

Syntype:—[Albania] In rupestribus alpinis m. Tomor Maja: 11 August 1892, A. Baldacci 209 ([WU 0077408](#)).

Crepis rubra var. *integrifolia* Halácsy, Consp. Fl. Graec. 2 (1): 226. 1902.

Current name: *Crepis rubra*

Syntypes:—[Greece] Zante nahe d. Hauptstadt: 7 May 1898, O. Reiser s.n. ([WU 0077476](#)).—[Greece] Fl. Corcyrensis: im Gerölle an der Pantokratorkirche bei S Decka, 529 m: 24 May 1896, C.G. Baenitz 9245b ([WU 0077477](#)).

Crepis tubaeformis Halácsy, Consp. Fl. Graec. 2 (1): 230–231. 1902.

Current name: *Crepis dioscoridis*

Syntypes:—[Greece] Aetolia. In rupestribus calcareis mt. Taphiassos (Klokova hodie) ad sinum Patranum. Alt. 50–80 m: 1 June 1893, E. von Halácsy s.n. ([WU 0077516](#), [WU 0077517](#)).

Crepis turcica Degen & Bald. in Degen, Oesterr. Bot. Z. 46 (12): 417. 1896.

Current name: *Crepis turcica*

Syntype:—[Albania] M. Prophitis Ilias et Kuruma distr. Ljaskovik: 3–9 July 1896, A. Baldacci 182 ([WU 0077409](#)).

Erigeron polymorphus subsp. *graecus* Vierh., Beih. Bot. Centralbl., Abt. 2 19 (3): 488. 1906.

Current name: *Erigeron glabratus*

Syntypes:—[Greece] Epirus boreali-orientalis. In herbidis cacuminis mt. Peristeri. Alt. 2196 m: 16 July 1893, E. von Halácsy s.n. ([WU 0074966](#)).—[Greece] Doris: in regione alpina mt. Kionae. Alt. 7000': 12 July 1888, E. von Halácsy s.n. ([WU 0074967](#)).—[Greece] In Graecia septentrionali: m. Korax Aetoliae: August 1896, [unclear; possibly T.H.H. von Heldreich or B. Tuntas & C. Leonis] s.n. ([WU 0074968](#)).

Evax perpusilla Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 18. 1856.

Current name: *Filago perpusilla*

Syntype:—[Greece] In monte Parnasso in pascuis siccis reg. abietina: August 1852, T.H.H. von Heldreich 2712 ([WU 0075319](#)).

Filago siria Heldr., Herb. Graec. Norm. 15: No. 1443, cum diagn. 1898.

Current name: *Filago cretensis* subsp. *cretensis* (FHD)

Syntypes:—[Greece] In den Ritzen feuchten Schiefergesteines auf der Insel Keos: 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0075315](#))—[Greece] Cycladum insula Cea (Keos): in rimis humentibus schistolithi prope urbem: 21 May 1898, T.H.H. von Heldreich 1443 ([WU 0075316](#)).

Helichrysum amorginum Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 5: 110–111. 1856.

Current name: *Helichrysum amorginum*

Syntype:—[Greece] in insula Amorgo, Σταβόρι hod: 15–27 May 1854, T.G. Orphanides 471 ([WU 0075202](#)).

Helichrysum doerfleri Rech. f., Magyar Bot. Lapok 33: 15–16, tab. 7, fig. 3. 1934.

Current name: ***Helichrysum doerfleri***

Isolectotype:—[Greece] Kreta. Distrikt Distr. Hierapetra. Aph. Kavutsi: 2 August 1904, I. Dörfler 1056 (WU 0099196).

Rechinger's gathering 13231 (W) was designated as the neotype of *H. doerfleri* by Galbany-Casals *et al.* (2006: 494) as the original specimen (Dörfler 1056) was not found at W or WU. However, the material was later rediscovered and lectotypified from Dörfler's private herbarium now at B, see Vogt *et al.* (2018: 81).

Helichrysum heldreichii Boiss., Fl. orient. 3: 229. 1875.

Current name: ***Helichrysum heldreichii***

Syntype:—[Greece] Creta: in faucibus Hagia Rumeli rar: 8 July 1846, T.H.H. von Heldreich 1629 (WU 0075203).

Hieracium cylleneum Halácsy, Consp. Fl. Graec. suppl. 1: 69. 1908.

Current name: ***Hieracium graecum*** (as identified by G. Gottschlich)

Syntype:—[Greece] Ziria 2200–2300 m: 8 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 535 (WU 0077861).

Hieracium dolopicum Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (10): 785. 1897.

Current name: ***Hieracium bosniacum* subsp. *dolopicum***

Isolectotype:—[Greece] Sermeniko: ad rupes mont. Kokkino Lithari: 21 August 1896, P.E.E. Sintenis 1265 (WU 0077879).

Lectotype in BRNM according to Szeląg (2014: 198).

Hieracium euboicum Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 189–190. 1899.

Current name: ***Hieracium pannosum* subsp. *euboicum***

Syntype:—[Greece] Ins. Euboea: m. Dirphys: 15–25 August 1895, T.H.H. von Heldreich s.n. (WU 0077868).

Hieracium gaudryi Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 3: 105. 1856.

Current name: ***Hieracium gaudryi* subsp. *gaudryi*** (whereas (b, see below) represents ***Hieracium pannosum* subsp. *guicciardii***)

Isolectotype:—[Greece] in regione superiore montis Parnassi prope Kedrozasteno, rarissima. alt. 6500': 5 July 1854/17 July 1854, T.G. Orphanides 347 (WU 0077880), syntype for ***Hieracium pannosum* subsp. *guicciardii*** Zahn (quod vide in Catalogue A).

Lectotype in G-BOIS according to Buttler (1991: 621). Zahn's revision (dating back to 1920) identified the specimen placed on the left of the sheet (marked a) as *Hieracium gaudryi* Boiss. & Orph. and the one placed on the right (and marked b) as *Hieracium pannosum* subsp. *guicciardii* Zahn. The latter is cited in the protologue of subsp. *guicciardii* (as pp.) and is a syntype for this name.

Hieracium graecum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 101. 1856.

Current name: ***Hieracium graecum***

Isolectotypes:—[Greece] In regione superiori montis Parnassi prope Tripios-Vrachos: 13 July 1854, T.G. Orphanides 2725 (WU 0077862).—[Greece] In regione alpina montis Parnassi supra Tripios-Vrachos: 13 July 1854, T.G. Orphanides 2725 (WU 0077863).

Syntypes:—[Greece] In regione superiori montis Parnassi prope Kedrozasteno (rarissimie): 5 July 1854/17 July 1854, T.G. Orphanides s.n. (WU 0077864).—[Greece] In reg. alpina m. Parnassi ad rupes (Trypios-Vrachos), alt. 6000': 18 August 1865, T.H.H. von Heldreich 723 (WU 0078173).

Lectotype in G-BOIS according to Buttler (1991: 630).

Hieracium halacsyi Heldr. ex Halácsy, Consp. Fl. Graec. 2 (1): 234. 1902.

Current name: ***Pilosella halacsyi***

Syntypes:—[Greece] In regione abietina m. Parnethis: May – June 1901, T.H.H. von Heldreich 1656 (WU 0077774, WU 0077775).

Hieracium heldreichii Boiss., Diagn. pl. orient. sér. 2, 3: 102–103. 1856.

Current name: *Hieracium heldreichii* subsp. *heldreichii*

Syntype:—[Greece] In reg. abietina m. Parnethis Atticae rariss.: 13 July 1848, J. Sartori s.n. ([WU 0077867](#)).

Hieracium pannosum subsp. *guicciardii* Zahn, Pflanzenr. (Engler) IV (280, Abt. I, Heft 76): 563. 1921.

Current name: *Hieracium pannosum* subsp. *guicciardii* (whereas (a, see *Hieracium gaudryi* Boiss. & Orph.) represents *Hieracium gaudryi* subsp. *gaudryi*)

Syntype:—([WU 0077880](#)), isolectotype for *Hieracium gaudryi* Boiss. & Orph. (quod vide in Catalogue A).

Hieracium sermenikense Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (10): 790. 1897.

Current name: *Hieracium sermenikense*

Isolectotype:—[Greece] Sermeniko: in silva supra Bezula: 18 August 1896, P.E.E. Sintenis 1197 ([WU 0077883](#)).

Lectotype in BRNM according to Szelağ (2014: 198).

The original spelling of the epithet in Freyn (1897b) was *sermonikense* but referring to Sermeniko (Σερμένικο). This orthographic error was already noticed and corrected by Halácsy (1902).

Hieracium thessalum Formánek, Verh. Naturf. Vereins Brünn 34: 292. 1896.

Current name: *Hieracium chalcidicum*

Syntype:—[Greece] Tafilvris, Olympo Thessalo: 15 August 1895, E. Formánek s.n. ([WU 0073184](#)).

Hieracium vulgatum var. *abietinum* Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 105–106. 1856.

Current name: *Hieracium umbrosum* subsp. *abietum*

Syntype:—[Greece] In monte Parnasso. in faucibus umbrosis in reg. abietinae: August 1852, T.H.H. von Heldreich 2731 ([WU 0077882](#)).

Hieracium wiesbaurianum subsp. *epireense* Zahn, Pflanzenr. (Engler) IV (280, Abt. I, Heft 75): 264–265. 1921.

Current name: *Hieracium hypochoeroides* subsp. *epireense*

Syntype:—[Greece] Epirus boreali orientalis. In saxosis calcareis declivitatibus occidentalis cacuminis mt. Peristeri sat frequens. Alt 2100 m: 16 July 1893, E. von Halácsy s.n. ([WU 0071630](#)).

Hymenonema laconicum Boiss. & Heldr. in Boissier, Fl. orient. 3: 715. 1875.

Current name: *Hymenonema laconicum*

Isolectotype:—[Greece] In m. Malevo Laconiae. alt. 3000': 24 June 1857, T.G. Orphanides 1152 ([WU 0077308](#)).

Lectotype in G-BOIS according to Persson in Tan & Iatrou (2001: 389).

Inula attica Halácsy ex Heldr., Herb. Graec. Norm.: No. 1040. 18## and in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 713. 1898.

Current name: *Inula verbascifolia* subsp. *methanaea*

Syntypes:—[Greece] Attica: Prope Chassiá, ad radices m. Parnethis, 0–1200': 16 June 1889 & 30 June 1889, T.H.H. von Heldreich 1040 ([WU 0075017](#), [WU 0075141](#), [WU 0075142](#), [WU 0075143](#)).

Inula attica var. *limonella* Heldr. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 714. 1898.

Current name: *Inula verbascifolia* subsp. *methanaea* (FHD)

Syntype:—[Greece] In monte Dirphye (Delpi hod.) Euboeae, ad rupes regionis super (I d 'ρύχη), alt. 4000–4300': 2 August 1858, T.H.H. von Heldreich 775 ([WU 0075145](#)), authentic specimen for *Inula limonella* Heldr. (quod vide in Catalogue C).

Inula attica var. *macrophylla* Heldr., Herb. Graec. Norm.: No. 1553, cum diagn. 1900.

Current name: *Inula verbascifolia* subsp. *methanaea*

Syntype:—[Greece] Laconia borealis, in m. Selitza ad confines Messeniae prope Kalamata: 18 July 1898, K.H. Zahn s.n. [Herb. Graec. Norm. 1553] ([WU 0075018](#)).

Inula candida* var. *rotundifolia Halácsy, Consp. Fl. Graec. 2 (1): 23–24. 1902.

Current name: ***Inula candida*** (FHD)

Lectotype:—[Greece] Morée, Cap Malo: s.d., L.A. Chaubard s.n. ([WU 0075147](#)).

Syntypes:—[Greece] An den westl. Gehängen des Scoglio Prassonissa. C: Scoglio zwischen Cerigo und Cerigotto: 20 June 1880, G.C. Spreitzenhofer s.n. ([WU 0075146](#)).—[Greece] In rupibus Kissamos Kastelli, Cretae occident.: 20 July 1846, T.H.H. von Heldreich 1579 ([WU 0075148](#)).

Lectotype designated by Greuter (1967: 140). Greuter (1967) performed a new combination at species level, however, explicitly excluding Spreitzenhofer's material ("excl. syntypo Spreitzenhoferi") as well as indirectly excluding all other material except Chaubard's by stating that the taxon so far was only collected once and is to be found in the southern Peloponnese.

Inula parnassica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 11–12. 1856.

Current name: ***Inula verbascifolia* subsp. *parnassica***

Syntype:—[Greece] In m. Parnassi reg. infer. pr. Arachova: 30 July 1852, T.H.H. von Heldreich 49 ([WU 0075015](#)).

Inula parnassica* var. *euboea Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 714. 1898.

Current name: ***Inula verbascifolia* subsp. *parnassica***

Syntype:—[Greece] Euboea septentrionalis: in monte Telethron, m. Velani. pr. coenobium Elio: 5 July 1890, T.H.H. von Heldreich s.n. ([WU 0075014](#)).

Jurinea taygetea Halácsy, Magyar Bot. Lapok 11 (5–8): 163–164. 1912.

Current name: ***Jurinea taygetea***

Syntype:—[Greece] Mt. Tayget. Koromilia: 7–25 July 1898, K.H. Zahn 1154 ([WU 0076845](#)).

Lactuca amorgina Heldr. & Orph. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 188–189. 1899.

Current name: ***Lactuca acanthifolia***

Syntypes:—[Greece] In Cycladum ins. Amorgos in m. Prophet. Elias: 24 July 1897, C. Leonis s.n. ([WU 0077382](#), [WU 0077383](#)).

Lactuca graeca Boiss., Fl. orient. 3: 812. 1875.

Current name: ***Lactuca intricata***

Syntypes:—[Greece] In glareosis torrentium reg. sylvat. m. Olympi Thessaliae: 25 July 1851, T.H.H. von Heldreich 2488 ([WU 0077378](#)).—[Greece] In regione sylvatica montis Olympi Thessaliae supra Hajos Dionysios (rare), 5000–6000': 1857, T.G. Orphanides 766 ([WU 0077379](#)).—[Greece] In regione sylvatica montis Olympi Thessaliae supra Hajos Dionysios (rare), 5000–6000': 22 July 1857/3 August 1857, T.G. Orphanides 766 ([WU 0077380](#)).—[Greece] In m. Parnassi reg. alpinae summis jugis (Mavrolithari): August 1855, J. Guicciardi s.n. ([WU 0077381](#)).

Heldreich's description of the locality (in glareosis torrentium) apparently refers to the Enipevs valley on Mt Olimbos.

Leontodon abietum Heldr., Herb. Graec. Norm.: No. 1561, *cum diagn.* 1900.

Current name: ***Leontodon graecus*** (FHD)

Syntype:—[Greece] Attica: in silvis abietum m. Parnethis, alt. 1200–1400 m: 15 May 1900, T.H.H. von Heldreich 1561 ([WU 0077350](#)).

Leontodon asper* var. *setulosus Halácsy, Oesterr. Bot. Z. 42 (10): 372. 1892.

Current name: ***Leontodon crispus* subsp. *asper*** (FHD)

Syntype:—[Greece] Peninsula Hagion Oros, Mte. Athos: in summo: 23 June 1891, P.E.E. Sintenis & J.F.N. Bornmüller 870 ([WU 0077348](#)).

Leontodon graecus* var. *heldreichianus Boiss., Fl. orient. 3: 731. 1875.

Current name: ***Leontodon graecus***

Syntypes:—[Greece] In reg. media et superiori montis Parnassi prope Maura-Litharia (rara): 4 July 1854/16 July 1854, T.G. Orphanides 331 ([WU 0077351](#)), authentic specimen for ***Leontodon heldreichianum*** Boiss. (quod vide in Catalogue B).—[Greece] In m. Parnassi reg. media: July 1855, J. Guicciardi s.n. ([WU 0077352](#)).

Leontodon haussknechtii R. Uechtr. ex Hausskn., Mitt. Geogr. Ges. (Thüringen) Jena 5 (3, Bot. Ver. Gesamtthür.): 87. 1887c.

Current name: *Leontodon crispus* subsp. *asper* (FHD)

Syntype:—[Greece] Pindus Tymphaeus: in valle superiori Penei circa Malakási, alt. 3000–3500': 17–18 July 1885, T.H.H. von Heldreich s.n. ([WU 0077347](#)).

Matricaria exigua Tuntas in Heldreich, Herb. Graec. Norm.: No. 1642, *cum diagn.* 1902.

Current name: *Matricaria chamomilla* (FHD)

Syntype:—[Greece] Flora Aegaea, in Cycladum ins. Kythnos, in domis: 20 March 1901, B. Tuntas 1642 ([WU 0076337](#)).

Onopordum bracteatum subsp. *creticum* Franco, Bot. J. Linn. Soc. 71 (1): 46. 1975.

Current name: *Onopordum bracteatum* subsp. *creticum*

Isotype:—[Greece] In campis sub m. Apheni Kristo (Lassiti) reg. sup. distr. Rhizokastion: 25 June 1899, A. Baldacci 32 ([WU 0076829](#)).

Holotype in BM (Franco 1975).

Onopordum dirphyum Halácsy, Consp. Fl. Graec. suppl. 1: 59–60. 1908.

Current name: *Onopordum bracteatum* subsp. *myriacanthum* (FHD)

Syntype:—[Greece] Delph Euboea: 29 July 1905, H. Bretzl s.n. ([WU 0076801](#)).

Onopordum messeniacum Halácsy, Consp. Fl. Graec. 2 (1): 122. 1902.

Current name: *Onopordum messeniacum*

Syntype:—[Greece] In Messenia pr. Kalamas: 22 May 1898, K.H. Zahn 874 ([WU 0076797](#)).

Onopordum myriacanthum Boiss., Diagn. pl. orient. sér. 2, 6: 114. 1859.

Current name: *Onopordum bracteatum* subsp. *myriacanthum* (FHD)

Isolectotype:—[Greece] in regione media mt. Malevo Laconiae prope Xerocampi (frequens). alt. 3000': 1 July 1850/13 July 1850, T.G. Orphanides 55 ([WU 0076828](#)).

Lectotype in G-BOIS according to Tan & Suda in Tan & Iatrou (2001: 378) and Negaresh (2018: 144).

Onopordum parnassicum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 114–115. 1859.

Current name: *Onopordium acanthium* subsp. *parnassicum* (FHD)

Syntype:—[Greece] In reg. abietina m. Parnassi prope Gourná, alt. 4000': 8 July 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. Graec. Norm. 666] ([WU 0076791](#)).

Onopordum sibthorpiatum Boiss. & Heldr. in Boissier, Fl. orient. 3: 561–562. 1875.

Current name: *Onopordum caulescens*

Syntype:—[Greece] in campis Athenarum frequens: 28 May 1856/9 June 1856, T.G. Orphanides 768 ([WU 0076802](#)).

Pallenis spinosa f. *microcephala* Halácsy, Consp. Fl. Graec. 2 (1): 18. 1902.

Current name: *Pallenis spinosa*

Lectotype (**designated here**) and syntype:—[Greece] Insula Ios: 29–30 June 1889 & 1–2 July 1889, T.H.H. von Heldreich s.n. ([WU 0074998](#)).

First-step lectotype designated by Wiklund (1985: 309). However, the designation of this voucher as lectotype is ambiguous according to Art. 9.17 (Turland *et al.* 2018), as two ranges of collecting dates are given on the label and it is unclear whether the two specimens mounted on the voucher belong to the same gathering (Art. 8.2, Turland *et al.* 2018). We thus designate the better preserved specimen mounted on the right side of the voucher as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018), the specimen mounted on the left side of the voucher has to be considered as syntype.

Phagnalon pumilum var. *glabrum* Boiss., Fl. orient. 3: 222. 1875.

Current name: *Phagnalon pygmaeum*

Syntype:—[Greece] In rupium fissuris in summis montibus Sphakioticis Cretae, alt. 6000–7000': July 1846, T.H.H. von Heldreich s.n. ([WU 0075201](#)).

Phagnalon pumilum var. *tomentosum* Raulin ex Halácsy, Consp. Fl. Graec. 2 (1): 29. 1902.

Current name: *Phagnalon pygmaeum*

Lectotype (**designated here**):—[Greece] In rupium fissuris in summis montibus Sphakioticis Cretae, 6–7000': July 1846, T.H.H. von Heldreich 1620 ([WU 0097717](#)), authentic specimen for *Phagnalon pumilum* var. *tomentosum* Raulin (quod vide in Catalogue B).

Syntype:—[Greece] In montibus Sphakioticis summo jugo Mavrous Lakous: July 1882, G.C. Spreitzenhofer s.n. ([WU 0097710](#)).

Montes-Moreno *et al.* (2018: 11) cited the Spreitzenhofer voucher as lectotype for *Phagnalon pumilum* var. *tomentosum* Halácsy. However, Halácsy (1902a) referred to Raulin (1869), who cited a gathering by Heldreich without description, and to Ostermeyer (1890), who cited a gathering by Spreitzenhofer, also without description. Ostermeyer (1890) referred to *Phagnalon pumilum* var. *tomentosum* of Raulin (1869), clearly indicated with an asterisk (cf. Ostermeyer 1890: 292). Since both Ostermeyer and Halácsy refer to Raulin, and thus the Heldreich gathering cited by Raulin, it is recommendable to select the Heldreich specimen and not that of Spreitzenhofer. In accordance with Art. 9.19 Turland *et al.* 2018) we therefore here designate Heldreich's voucher in herbarium WU-Halácsy-Graec. ([WU 0097717](#)) as lectotype.

Parmica ambrosiaca Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 19. 1856.

Current name: *Achillea ambrosiaca*

Isolectotype:—[Greece] In reg. alpina m. Olympi Thessaline, in rupestribus ad nives: 25–31 July 1851, T.H.H. von Heldreich 2469 ([WU 0071799](#)).

Lectotype in G-BOIS according to Franzén (1986b: 21).

Ptilostemon chamaepeuce var. *cypricus* Greuter, Boissiera 22: 113–115, tabs. Ib, V, figs. 10b, 30. 1973.

Current name: *Ptilostemon chamaepeuce*

Isotype:—[Cyprus] Cyprus. Ad rupes pr. Galata: 25 June 1880, P.E.E. Sintenis & G. Rigo 548 ([WU 0076843](#)).

Holotype in LD (Greuter 1973).

Senecio barckhausiifolius Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 101. 1859.

Current name: *Senecio macedonicus* subsp. *barckhausiifolius* (FHD)

Isolectotype:—[Greece] Attica: in monte "Pateras", reg. abietina: 27 May 1856, J. Guicciardi s.n. [De Heldreich plantae exsicc. Florae Hellenicae 3197] ([WU 0076330](#)).

Lectotype in G according to Calvo *et al.* (2014: 140).

Senecio bracteatus Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 3: 36. 1856.

Current name: *Senecio macedonicus* subsp. *macedonicus* (FHD)

Isolectotype:—[Greece] in regione media montis Ziriae (Cyllene) supra Tricala. 3500': 11 June 1852/23 June 1852, T.G. Orphanides 109 ([WU 0068278](#)).

Lectotype in G according to Calvo *et al.* (2015: 51).

Senecio delubrorum Heldr., Herb. Graec. Norm.: No. 1347, cum diagn. 189# [1894].

Current name: *Senecio vulgaris* (FHD)

Syntype:—[Greece] In saxosis marmoreis delubrorum Eleusineorum: 24 March 1894, T.H.H. von Heldreich 1347 ([WU 0076336](#)).

Senecio gnaphalodes f. *aprica* Dörf., Verh. K. K. Zool.-Bot. Ges. Wien 55: 19. 1905.

Current name: *Jacobaea gnaphalioides*

Isolectotype:—[Greece] Kreta. Distr. Sitia. Auf felsigen, sonnigen Abhängen bei Mangasa: 18 July 1904, I. Dörfler 686a ([WU 0099195](#)).

Lectotype in B ([B 10 9004604](#)) designated by Vogt. *et al.* (2018: 81).

Senecio longipedunculatus Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 54: 484. 1904.

Current name: *Senecio macedonicus* subsp. *macedonicus* (FHD)

Lectotype:—[Greece] Phocis: in mt. Parnassus loco Livadi dicto: 15 July 1903, C. Leonis 137 ([WU 0068271](#)).

Isolectotypes:—[Greece] Phocis: in mt. Parnassus loco Livadi dicto: 5 July 1903, C. Leonis 137 ([WU 0068270](#)).—

[Greece] Phocis: in mt. Parnassus loco Livadi dicto: 15 July 1903, C. Leonis 137 ([WU 0068272](#)).

Lectotype designated by Calvo *et al.* (2015: 94).

Senecio macedonicus var. *pinnatilibatus* Halácsy, Pl. Exsicc. Fl. Graec.: No. 123. 190# and Verh. K. K. Zool.-Bot. Ges. Wien 54: 484. 1904.

Current name: *Senecio macedonicus* subsp. *barckhausiifolius* (FHD)

Lectotype:—[Greece] Laconia: in regione abietina mt. Taygetos pr. Anavryti: 1 June 1902, C. Leonis 123 ([WU 0068264](#)).

Isolectotypes:—[Greece] Laconia: in regione abietina mt. Taygetos pr. Anavryti: 1 June 1902, C. Leonis 123 ([WU 0068273](#), [WU 0068274](#), [WU 0068275](#), [WU 0068276](#)).

Slightly differing from the orthographic error on the label of the corresponding vouchers in Halácsy's Pl. Exsicc. Fl. Graec. series (as var. "*pinatulobatus*").

Lectotype designated by Calvo *et al.* (2015: 53).

Senecio taygeteus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 6: 95–96. 1846.

Current name: *Jacobaea ambigua* subsp. *taygetea*

Isolectotype:—[Greece] In m. Taygeti reg. abietina superior: August 1844, T.H.H. von Heldreich s.n. ([WU 0076327](#)).

Lectotype in G-BOIS according to Peruzzi *et al.* (2006: 1003).

Solidago virgaurea var. *vestita* Halácsy, Consp. Fl. Graec. 2 (1): 17. 1902.

Current name: *Solidago virgaurea*

Syntype:—[Greece] Ins. Euboea: m. Dirphys: 15–25 August 1895, T.H.H. von Heldreich s.n. ([WU 0074996](#)).

Sonchus tenerrimus var. *heterophyllus* Halácsy, Consp. Fl. Graec. 2 (1): 206. 1902.

Current name: *Sonchus tenerrimus*

Syntype:—[Greece] Flora Attica, in colle Lycabetto prope Athenas: 8 April 1891, T.H.H. von Heldreich s.n. ([WU 0077377](#)).

Taraxacum hellenicum Dahlst., Acta Horti Berg. 9 (1): 11–14, tab. I 16–19, fig. 5. 1926.

Current name: *Taraxacum hellenicum*

Syntype:—[Greece] Attica: in collibus maritimis prope Ergastiria Laurii in scoriis metallorum: 4 March 1887, T.H.H. von Heldreich 951 ([WU 0077552](#)), syntype for *Taraxacum laevigatum* f. *stenoloba* Heldr. (quod vide in Catalogue A).

Taraxacum laevigatum f. *stenoloba* Heldr., Herb. Graec. Norm.: No. 951, *cum diagn.* 18##.

Current name: *Taraxacum hellenicum*

Syntype:—([WU 0077552](#)), syntype for *Taraxacum hellenicum* Dahlst. (quod vide in Catalogue A).

Tragopogon porrifolius var. *brachyphyllus* Boiss., Fl. orient. 3: 745. 1875.

Current name: *Tragopogon porrifolius* (FHD)

Syntype:—[Greece] Legi in insula Syro prope Coinos: 30 March 1856, T.G. Orphanides 3261 ([WU 0077375](#)), authentic specimen for *Tragopogon araneosus* Boiss. & Orph. (quod vide in Catalogue C).

Boraginaceae

Alkanna calliensis Heldr. ex Boiss., Fl. orient. Suppl.: 353. 1888.

Current name: *Alkanna calliensis*

Syntype:—[Greece] In monte Korax Aetoliae adjectae. In regione abietina inferiori prope pagum Musinitza, alt. 3000': 20 July 1879, T.H.H. von Heldreich s.n. ([WU 0079213](#)).

It remains uncertain whether Boissier (1888) cited one or two collections in the protologue.

Alkanna corcyrensis Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 2 (1): 71. 1928.

Current name: *Alkanna corcyrensis*

Syntype:—[Greece] Fl. Corcyrensis: An der Straße zwischen Skripero und dem Pass Panteleimon. Etwa 280 m: 26 April 1896, C.G. Baenitz 9199 ([WU 0074898](#)).

Alkanna graeca var. *hispidior* Boiss., Fl. orient. Suppl.: 230–231. 1888.

Current name: *Alkanna graeca*

Syntypes:—[Greece] In m. Delphi Euboea: April 1865, T.G. Orphanides 490 ([WU 0079217](#)).—[Greece] In m. Kythaerone supra Villia, alt. 2500': 30 May 1856, J. Guicciardi s.n. [Herb. Graec. Norm. 1] ([WU 0079215](#)).—[Greece] In monte Ozia (Parnes vet) prope Phylem (rare), alt. 3000': 15 May 1853/27 May 1853, T.G. Orphanides 859 ([WU 0079216](#)).—[Greece] In monte Dirphye (Delphi hod.) Euboeae: 1–13 May 1876, T.H.H. von Heldreich s.n. ([WU 0079218](#), [WU 0079219](#)).

Alkanna graeca var. *versicolor* Boiss., Fl. orient. 4 (2): 231. 1879.

Current name: *Alkanna graeca*

Syntype:—[Greece] In monte Malevo Laconiae. Altit. 3500': 4 May 1877, T.G. Orphanides 858 ([WU 0079214](#)).

Alkanna sartoriana Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 134–135. 1856.

Current name: *Alkanna sartoriana*

Syntype:—[Greece] in arenosis Argolidi prope Naupliam rar: 6 May 1847, T.H.H. von Heldreich 1721 ([WU 0079221](#)).

Alkanna stribrnyi var. *pelia* Halácsy, Consp. Fl. Graec. 2 (2): 345. 1902.

Current name: *Alkanna pelia*

Syntype:—[Greece] In m. Pelio: in regione media et superiore, alt. 2000'–4500': 1–5 May 1883, T.H.H. von Heldreich & T. Holzmann s.n. ([WU 0079220](#)).

Anchusa hybrida var. *setigera* Halácsy, Consp. Fl. Graec. 2 (2): 325. 1902.

Current name: *Anchusa undulata* subsp. *hybrida*

Syntypes:—[Greece] Creta orient. Distr. Hierapetra, prope Anatoli: 11 May 1900, C. Leonis 145 ([WU 0079160](#)).—[Greece] Insula Paros: prope Parikia, Kloster Agiu Anagirus [sic!]: 4 May 1898, C. Leonis 78 ([WU 0079161](#)).

Anchusa sartorii Heldr. ex Guşul., Bul. Fac. Şti. Cernăuţi 1: 96. 1927.

Current name: *Anchusa undulata* subsp. *sartorii*

Isolectotype:—[Greece] Attica: in agris argillosis ad radices m. Parnethis infra Varipopi: 7 July 1889, T.H.H. von Heldreich 1060 ([WU 0079179](#)).

Lectotype in W according to Bigazzi & Selvi (2000: 148), however the corresponding voucher could not be traced.

Anchusa undulata var. *maritima* Halácsy, Consp. Fl. Graec. 2 (2): 326. 1902.

Current name: *Anchusa undulata* subsp. *sartorii* (FHD)

Syntypes:—[Greece] Insel Naxos. Prope urbem. neben Frithauf [sic!]: 29 April 1898, C. Leonis 171 ([WU 0079177](#)).—[Greece] Insel Naxos: 18 June 1894, O. Reiser s.n. ([WU 0079178](#)).—[Greece] Attica: in arenosis maritimis Phaleri: 23 May 1894, T.H.H. von Heldreich 1265 ([WU 0079176](#)), authentic specimen for *Anchusa undulata* f. *maritima* Heldr. (quod vide in Catalogue B).

Lithospermum zahnii Heldr. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 190. 1899.

Current name: *Lithodora zahnii*

Syntypes:—[Greece] Laconia boreo-occidentalis, in m. Selitza inter Mantinia et Kampos et prope Sotirianika, ad rupes excelsas, ubi vere 1895 detexit am. H. Zahn: 15 March – 7 April 1896, K.H. Zahn s.n. [Herb. Graec. Norm. 1360] ([WU 0079252](#), [WU 0079253](#)).

Authentic specimen:—[Greece] Laconia: in rupibus inter Mantinia et Sotirianika: May – June 1895, K.H. Zahn s.n. ([WU 0079254](#)).

Onosma echioides var. *brachycalyx* Halácsy, Consp. Fl. Graec. 2 (2): 334–335. 1902.

Current name: *Onosma heterophylla*

Syntype:—[Greece] Arcadia. In saxosis calcareis apricis mt. Kastro prope pagum Kalavryta ad radices mt. Chelmos (Aroania vet.) copiose. Alt. 800 m: 15 June 1893, E. von Halácsy s.n. ([WU 0079190](#)).

Onosma echioides var. *brachyphyllum* Halácsy, Consp. Fl. Graec. 2 (2): 334–335. 1902.

Current name: *Onosma heterophylla*

Syntype:—[Greece] M. Korax. Prope Musinitza: 5 June 1899, C. Leonis s.n. ([WU 0079191](#)).

Onosma erecta var. *pubiflorum* Halácsy, Consp. Fl. Graec. 2 (2): 333–334. 1902.

Current name: *Onosma kaheirei*

Syntypes:—[Greece] In jugo m. Hymetti, alt. 3000': 16 May 1879, T.H.H. von Heldreich 558 ([WU 0079192](#)).—[Greece] In cacumine montis Hymetti Atticae (rare). Alt. 2500'–3000': 17 May 1849/29 May 1849, T.G. Orphanides 60 ([WU 0079193](#)).—[Greece] Euboea: ad rupes pr. Steni: May 1876, T. Pichler s.n. ([WU 0079194](#)).—[Greece] Achaia. In rupestribus calcareis regionis mediae mt. Panachaion (Voidia hodie) supra urbem Patras. Alt. 1000–1500 m: 5 June 1893, E. von Halácsy s.n. ([WU 0079195](#)).—([WU 0079184](#)), holotype for *Onosma kaheirei* Teppner (quod vide in Catalogue A).

The specimens collected by Pichler from Euboea ([WU 0079194](#)) was assigned to *O. leptantha* Heldr. by H. Teppner in 1987.

Onosma kaheirei Teppner, Phytion (Horn) 28 (1): 116–121, figs. 1–5, 8, 9. 1988.

Current name: *Onosma kaheirei*

Holotype:—[Greece] Attica: in saxosis regionis superioris m. Hymetti, ad cacumen usque, alt. 2500'–3200': 7 June 1896, T.H.H. von Heldreich 1358 ([WU 0079184](#)), syntype for *Onosma erecta* var. *pubiflorum* Halácsy (quod vide in Catalogue A).

Onosma leptantha Heldr., Herb. Graec. Norm.: No. 1565, cum diagn. 1900.

Current name: *Onosma leptantha*

Syntypes:—[Greece] Laconia: in m. Taygeti regione superiori. in rupestribus l. d. “Megalo Stephani” et “Chalasmeno”: 14 July 1898, K.H. Zahn s.n. ([WU 0079196](#), [WU 0079197](#)).—[Greece] In reg alpina m. Taygeti rar: 14 July 1898, K.H. Zahn s.n. ([WU 0079198](#)).

Onosma taygetea Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 11: 101. 1849.

Current name: *Onosma visianii*

Type fragment:—[Greece] in m. silvat m. Taygeti rariss: 18 July 1844, T.H.H. von Heldreich 421 ([WU 0079199](#)).

A handwritten note by Halácsy states, that the inflorescence mounted on the above cited sheet originates from the single type specimen of *Onosma taygetea* and was given to him by Heldreich, whereas the leaf originates from a different gathering.

Brassicaceae

Aethionema creticum Boiss. & Heldr. in Boissier, Fl. orient. Suppl.: 61. 1888.

Current name: *Aethionema saxatile* subsp. *creticum*

Isolectotype:—[Greece] In saxosis montium Cretae supra Askyphous in montibus Spactioticis. alt. 3–4000': 4 April 1846, T.H.H. von Heldreich 1371 ([WU 0044162](#)).

Lectotype in G-BOIS according to Andersson *et al.* (1983: 18), citing Heldreich 1371, though with 3 April 1846 as collecting date.

Aëthionema glaucescens Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 38: 748–749, tab. 22, figs. 7–10. 1888.

Current name: *Aethionema saxatile* subsp. *oreophilum* (FHD)

Syntype:—[Greece] Doris: in lapidosis regionis abiet. mt. Kionae loco Platylithos dicto. 5000': 11 July 1888, E. von Halácsy s.n. ([WU 0044161](#)).

Aëthionema saxatile subsp. *oreophilum* I.A. Andersson, Carlström, Franzén, Karlén & Nybom, Willdenowia 13 (1): 14, figs. 7, 10D. 1983.

Current name: *Aethionema saxatile* subsp. *oreophilum* (FHD)

Isotypes:—[Greece] Laconia borealis: indistrictu Alagonia, in montosis prope Megali Anastásova. alt. 3000': 16 May 1896, K.H. Zahn s.n. [Herb. Graec. Norm. 1304] ([WU 0044163](#), [WU 0044164](#)).

Holotype in G (Andersson *et al.* 1983: 14).

Alyssum alpestre var. *fragillimum* Bald., Malpighia 9: 58. 1895.

Current name: *Alyssum fragillimum*

Syntype:—[Greece] In altiss. m. Spathi H. Pneuma (Asprovouno): 21–22 July 1893, A. Baldacci 174 ([WU 0033152](#)).

Alyssum baldaccii Vierh. ex Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 123, fig. 12. 1928.

Current name: *Alyssum baldacci*

Syntype:—[Greece] In saxosis ad Gonjes distr. Mylopotamos: 8 June 1899, A. Baldacci 52 ([WU 0073188](#)).

Alyssum calycinum var. *pumilum* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 496. 1894.

Current name: *Alyssum siculum* (FHD)

Lectotype:—[Greece] Arcadia. In lapidosis calcareis regionis abietinae mt. Chelmos (Aroania vet.) gregaric. Alt. 1500 m: 20 June 1893, E. von Halácsy s.n. ([WU 0076272](#)).

Lectotype designated by Hartvig (2002a: 203).

Alyssum chalcidicum Janka, Oesterr. Bot. Z. 22 (6): 175. 1872.

Current name: *Alyssum chalcidicum*

Isolectotype:—[Greece] In campis ad silvarum margines inter pagum Hierisso et Gomati Chalcidices: 4 August 1871, V. von Janka s.n. ([WU 0033143](#)).

Lectotype in W ([W 1889-0038856](#)) designated by Hartvig (2002a: 217).

Alyssum degenianum Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 87–88. 1928.

Current name: *Alyssum degenianum*

Syntype:—[Greece] Insula Samothrake. In regione alpina montis Phengari: 28 June 1890, A. von Degen s.n. ([WU 0073187](#)), syntype for *Alyssum degenianum* f. *subcaespitosum* Nyár. (quod vide in Catalogue A).

Alyssum degenianum f. *subcaespitosum* Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 87–88. 1928.

Current name: *Alyssum degenianum*

Syntype:—([WU 0073187](#)), syntype for *Alyssum degenianum* Nyár. (quod vide in Catalogue A).

Alyssum densistellatum T.R. Dudley, Notes Roy. Bot. Gard. Edinburgh 24 (2): 160, fig. 3 A. 1962.

Current name: *Alyssum densistellatum*

Holotype:—[Greece] Euboea: pr. Limni: 28 April 1902, C. Leonis 55 ([WU 0097738](#)).

Paratypes:—[Greece] Euboea: pr. Limni: 28 April 1902, C. Leonis 21 ([WU 0097735](#), [WU 0097736](#)).—[Greece] Insula Euboea: in saxosis regionis superioris mt. Dirphys. In cacumine: 18 August/31 August 1910, B. Tuntas 905 ([WU 0097737](#)).

Dudley (1962) erroneously cited Tuntas 925 but gave the same date and locality.

Alyssum euboeum Halácsy, Consp. Fl. Graec. 1 (1): 93. 1900.

Current name: *Alyssum euboeum*

Lectotype:—[Greece] In Euboea septentrionali prope Mantudi: October 1848, J. Sartori s.n. ([WU 0033154](#)).

Possible types:—[Greece] florif. pr. Kurbatzi Euboea septentr: s.d., A. Wild s.n. ([WU 0076254](#)).—[Greece] In Euboea septentrionali pr. Kurbatzi: 1874, A. Wild s.n. ([WU 0076255](#)).

Halácsy in the protologue states that it is unclear if the juvenile specimens collected by Wild do belong to this taxon.

Lectotype designated by Hartvig (2002a: 219).

Alyssum foliosum var. *megalocarpum* Halácsy, Magyar Bot. Lapok 11 (5–8): 123. 1912.

Current name: *Alyssum foliosum*

Lectotype:—[Greece] in monte Malevo Laconiae prope Hajos Joannis (loco Sentuka [sic!]) rare. Alt. 3500': 20 April 1857/2 May 1857, T.G. Orphanides 646 ([WU 0076271](#)).

Lectotype designated by Hartvig (2002a: 206).

Alyssum halacsyi Nyár., Bul. Grad. Bot. Univ. Cluj 9 (1–2): 10–12, fig. 21. 1929.

Current name: *Alyssum sibiricum*

Syntypes:—[Greece] Fl. Graeca. In litore Corinthiaco: 24 May 1883, T.H.H. von Heldreich s.n. ([WU 0067968](#)).—[Greece] In littore Corinthiaco (rarum). Legit: prope Lechaem: 12 May 1851/24 May 1851, T.G. Orphanides 83 ([WU 0067970](#)).—[Greece] In Isthmo Corinthiaco inter Loutraki et Calamaki. Florif. 29. Mai., fructifer. 6. Jun. 1861: 6 June 1861, T.H.H. von Heldreich 706 ([WU 0067971](#)).

Alyssum heldreichii Hausskn., Mitth. Thüring. Bot. Vereins 3 & 4: 113. 1893.

Current name: *Alyssum heldreichii*

Isolectotype:—[Greece] Pindus Tymphaeus: in valle superiori Penei circa Malakási, alt 3000'–3500', substratu siliceo-serpentino: 17–18 July 1885, T.H.H. von Heldreich s.n. ([WU 0073189](#)).

Syntype—[Greece] Pindus Tymphaeus: in summi montis Zygós supra Metzovô regione silvatica, alt. 4500'–5000', substratu siliceo-serpentino: 19–20 July 1885, T.H.H. von Heldreich s.n. ([WU 0076209](#)).

First-step lectotype in JE ([JE 00003117](#), [JE 00003118](#)) designated by Hartvig (2002a: 218). Haussknecht and Heldreich travelled together, Hartvig (1986a, 2002) cited the lectotype with Haussknecht as collector, the voucher in WU-Halácsy-Graec. perfectly matches the protologue but Heldreich is given as collector.

Alyssum heldreichii var. *astrotrichocarpum* Hausskn. ex Halácsy, Consp. Fl. Graec. 1 (1): 92. 1900.

Current name: *Alyssum heldreichii*

Syntypes:—[Greece] Malakasi, in montosis: July 1896, P.E.E. Sintenis 574 ([WU 0076207](#)).—[Greece] Thessalia, Pindus Tymphaeus, in collibus ad Witomo: 17 May 1896, P.E.E. Sintenis 218 ([WU 0076208](#)).

Alyssum idaeum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 35. 1849.

Current name: *Alyssum idaeum*

Isolectotype:—[Greece] In m. Idae Cretae cacumine alt. 6000'–7000': 28 May 1846, T.H.H. von Heldreich 1509 ([WU 0076270](#)).

Lectotype in G-BOIS according to Hartvig (1986a: 292 and 2002a: 216).

Alyssum lassiticum Halácsy, Consp. Fl. Graec. suppl. 1: 10. 1908.

Current name: *Alyssum lassiticum*

Lectotype:—[Greece] In rupestribus m. Lazari (Lassiti) distr. Mirabello: 1 July 1899, A. Baldacci 154 ([WU 0069245](#)).

Lectotype in G according to Hartvig (1986a: 292) and in WU-Halácsy-Graec. according to Hartvig (2002a: 215).

Alyssum montanum proles *humile* Baumgartner, Jahresb. Landes-Lehrers. Wiener-Neustadt 34 (Beilage): 7. 1907.

Current name: *Alyssum montanum* subsp. *repens* (FHD)

Lectotype:—[Greece] Plantae in m. Taygeto Laconiae, ad rupes in reg. super: 14 July 1898, K.H. Zahn s.n. ([WU 0079154](#)).

Lectotype designated by Hartvig (1986a: 290 and 2002a: 211).

Alyssum montanum proles laxum Baumgartner, Jahresb. Landes-Lehrers. Wiener-Neustadt 34 (Beilage): 8. 1907.

Current name: *Alyssum montanum* subsp. *repens* (FHD)

Lectotype:—[Greece] Plantae in m. Taygeto Laconiae, in summo cacumine Hagios Elias: August 1897, K.H. Zahn s.n. (WU 0079155).

Lectotype designated by Hartvig (1986a: 290 and 2002a: 211–212).

Alyssum montanum var. *brachyphyllum* Halácsy, Consp. Fl. Graec. 1 (1): 95. 1900.

Current name: *Alyssum montanum* subsp. *repens* (FHD)

Syntype:—[Greece] in monte Malevo Laconiae prope Canalus (rare), alt. 4500': 24 April 1857/6 May 1857, T.G. Orphanides 647 (WU 0076268).

Alyssum montanum var. *graecum* Halácsy, Consp. Fl. Graec. 1 (1): 95. 1900.

Current name: *Alyssum montanum* subsp. *montanum*

Lectotype:—[Greece] In m. Pelio: in regione superiore, alt. 4000', supra Milies: 5 May 1883, T.H.H. von Heldreich & T. Holzmann s.n. (WU 0076264).

Syntypes:—[Greece] In monte Dirphye (Delphi hod.) Euboeae: 1–13 May 1876, T.H.H. von Heldreich s.n. (WU 0033148, WU 0033149).—[Greece] Flora Attica: m. Parnes, in regione abietina: 12 May 1895, T.H.H. von Heldreich s.n. (WU 0076267).

Lectotype designated by Hartvig (1986a: 287), citing two vouchers, one from LD and one from WU-Halácsy-Graec. and according to Hartvig (2002a: 209), citing only the voucher in WU-Halácsy-Graec. P. Frödén (LD; pers. comm.) states that the corresponding voucher in LD is missing. We thus consider the one in WU-Halácsy-Graec. as the lectotype.

Alyssum montanum var. *hymettium* Boiss., Fl. orient. 1: 274. 1867.

Current name: *Alyssum montanum* subsp. *montanum* (FHD)

Syntype:—[Greece] m. Parnassos, reg. abietina (Gurna etc.): July 1857, T.H.H. von Heldreich s.n. (WU 0076265).

Alyssum murale f. *patens* Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 74. 1928.

Current name: *Alyssum murale* subsp. *chalcidicum* (FHD)

Syntype:—[Greece] Phocis: in oropedio Livadi mt. Parnassus: 1 July 1903, C. Leonis 13 (WU 0076196).

Alyssum murale var. *petaloides* Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 74. 1928.

Current name: *Alyssum murale*

Syntypes:—[Greece] in regione media montis Ziriae (Κυλληνη) (rara), prope Trikala. 3000'–3500': 7 June 1851, T.G. Orphanides 294 (WU 0033144).—[Greece] Legi in monte Malevo Laconiae prope Hajos Petros: June 1856, T.G. Orphanides s.n. (WU 0076184).

Alyssum olympicum Halácsy, Consp. Fl. Graec. 1 (1): 91. 1900.

Current name: *Alyssum montanum*

Lectotype:—[Greece] Macedonia: Litochori im Thale Megarema: 21 August 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1154 (WU 0076168).

Lectotype designated by Hartvig (2002a: 209) and Španiel *et al.* (2017: 1439).

Alyssum orientale f. *umbrosum* Heldr., Herb. Graec. Norm.: No. 1112b, *cum diagn.* 18##.

Current name: *Aurinia saxatilis* subsp. *orientalis*

Syntype:—[Greece] Attica: ad rupes umbrosas in colle Ardetto prope Athenas: 9–14 April 1894, T.H.H. von Heldreich 1112 (WU 0076164).

Alyssum orientale var. *alpinum* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 496. 1894.

Current name: *Aurinia moreana*

Lectotype:—[Greece] Arcadia: In rupibus calcareis regionis alpinae mt. Kyllene (Ziria hodie) supra pagum Gura. Alt. 2000 m: 24 June 1893, E. von Halácsy s.n. (WU 0076165), lectotype for *Aurinia moreana* Tzanoud. & Iatrou *nom. nov.* (quod vide in Catalogue A).

Lectotype designated by Hartvig (2002a: 230).

Alyssum orphanidis Janka ex Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 85, tabs. III, VI, VIII, X, figs. 40–44, 60, 66, 82, 83, 93, 94. 1928.

Current name: *Alyssum chalcidicum*

Syntypes:—[Greece] Delphi Euboea: 29 July 1905, H. Bretzl s.n. (WU 0076195).—[Greece] Supra Thessalonicam Macedoniae (rare), alt. 500': 3 July 1857/15 July 1857, T.G. Orphanides 644 (WU 0076183).

Alyssum punctatum Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 72–73, tabs. III, VIII, X, figs. 32–39, 95–97, 128–130. 1928.

Current name: *Alyssum chalcidicum*

Syntype:—[Greece] Legi inter Vodena et Bladovo: 13 July 1862/25 July 1862, T.G. Orphanides s.n. (WU 0076178).

Alyssum repens var. *stenophyllum* Halácsy, Consp. Fl. Graec. 1 (1): 94. 1900.

Current name: *Alyssum montanum* subsp. *repens*

Lectotype:—[Greece] Chaliki: in subalpin. Turnara. 26 June 1896, P.E.E. Sintenis 794 (WU 0076263).

Syntypes:—[Greece] Epirus orientalis. In rupibus calcareis regionis superioris mt. Tsumerka Alt. 1800 m: 9 July 1893, E. von Halácsy s.n. (WU 0076256).—[Greece] In montis Kyllenes (Ziria hod.) Achaiae regione superiori, alt. 5000'–7122': 25 June 1887, T.H.H. von Heldreich s.n. (WU 0076258).—[Greece] In montis Kyllenes Achaiae regione media, prope pagum Trikala, alt. 3500'–4000': 25 June 1887, T.H.H. von Heldreich s.n. (WU 0076261).—[Greece] In rupibus calcareis mt. Panachaicon. (Voidia hodie) Alt. 1700 m: 5 June 1893, E. von Halácsy s.n. (WU 0076259).—[Greece] In saxosis per m. Olyčika distr. Janina: 18 June 1895, A. Baldacci 6 (WU 0076262).—[Greece] M. Cuka in mon. Chassia in Thessalia: August 1896, E. Formánek s.n. (WU 0076257).—[Greece] M. Korax Aetoliae adjectae: 27 May 1899, C. Leonis 345 (WU 0076260).

Lectotype designated by Španiel *et al.* (2017: 1439).

Alyssum sphacioticum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 35–36. 1849.

Current name: *Alyssum sphacioticum*

Isolectotype:—[Greece] In summis montib. Sphacioticis Cretae, alt. 6400', rariss: 10 July 1846, T.H.H. von Heldreich s.n. (WU 0076269).

Lectotype in G-BOIS according to Hartvig (1986a: 291 and 2002a: 215).

Alyssum suffrutescens var. *epirotum* Halácsy, Consp. Fl. Graec. 1 (1): 93. 1900.

Current name: *Alyssum sibiricum*

Isolectotype:—[Albania] Albania. fl. Sarandaporos ad Vromonero, distr. Ljaskovik: 3 July 1896, A. Baldacci 101 (WU 0033153).

Lectotype in WU (WU 0067969) according to Hartvig (2002a: 222).

Alyssum taygeteum Heldr., Herb. Graec. Norm. 15: No. 1405, *cum diagn.* 1898.

Current name: *Alyssum taygeteum*

Isolectotype:—[Greece] M. Taygetus: in summo cacumine Hagios Elias. 7000' (2120 m): August 1897, [K.H. Zahn?] s.n. [Herb. Graec. Norm. 1405] (WU 0033145).

Lectotype in G according to Greuter (1974: 141) and to Hartvig (2002a: 214). Probably collected by K.H. Zahn (compare e.g., WU 0079155).

Alyssum tenium Halácsy, Consp. Fl. Graec. 1 (1): 93. 1900.

Current name: *Alyssum tenium*

Syntypes:—[Greece] In monte Tziknia ins. Teni frq.: 4 June 1851, J. Sartori 2873 (WU 0076252).—[Greece] In Cycladum ins. Teni montium: June 1851, J. Sartori 2873 (WU 0076253).

Alyssum tenium var. *lanceolatum* Nyár., Bul. Grad. Bot. Univ. Cluj 7 (3–4): 98–99. 1928.

Current name: *Alyssum montanum* subsp. *montanum* (FHD)

Syntype:—[Greece] Flora Attica: in regione abietina m. Gerania Megarae: 23–28 June 1910, B. Tuntas s.n. (WU 0076192).

Alyssum thessalum Halácsy, Consp. Fl. Graec. 1 (1): 95–96. 1900.

Current name: *Alyssum montanum* subsp. *montanum*

Lectotype:—[Greece] Kalampaka: inter Metochi et Witomo: 14 May 1896, P.E.E. Sintenis 219 ([WU 0033150](#)).

Syntype:—[Greece] Mit *A. montanum* am Pelion bei Milies: 5 May 1883, T.H.H. von Heldreich s.n. ([WU 0033147](#)).

Lectotype designated by Španiel *et al.* (2017: 1439).

Alyssum virescens Halácsy, Consp. Fl. Graec. 1 (1): 94. 1900.

Current name: *Alyssum montanum* subsp. *repens*

Lectotype and syntype:—[Greece] Agrapha (Dolopia veterum): in declivibus montis Ghavéllu Pindi supra Sermeniko, alt 4500'–5500': 30 June & 3 July 1885, T.H.H. von Heldreich s.n. ([WU 0033151](#)).

Lectotype designated by Španiel *et al.* (2017: 1439), they argued, because of two different collecting dates one of the plants has to be designated as lectotype, the lower plant was chosen, the other one thus is a syntype.

Arabis doerfleri Halácsy, Consp. Fl. Graec. 1 (1): 51. 1900.

Current name: *Arabis laxa*

Syntypes:—[Greece] M. Korax. Prope Musinitza, in pinetis loco Kritaria dicto: 13 May 1899, C. Leonis 359 ([WU 0067985](#)).—[Greece] M. Korax. Aetoliae adjectae. In pinetis loco “Kritaria”: 13 May 1899, C. Leonis 359 ([WU 0067984](#)).

Arabis ochroleuca Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 21. 1854, *nom. illeg.*: non *Arabis ochroleuca* (Lam.) Lam., Fl. franç. 2: 490. 1783.

Current name: *Arabis subflava*

Isolectotype:—[Greece] Rarissime in m. Kyllenes, reg. alpina 6500': July 1848, T.H.H. von Heldreich 2161 ([WU 0067983](#)), isolectotype for *Arabis subflava* B. M. G. Jones *nom. nov.* (quod vide in Catalogue A).

Lectotype in G-BOIS according to Strid & Titz (1986: 267).

Arabis subflava B.M.G. Jones in Heywood, Feddes Repert. Spec. Nov. Regni Veg. 69 (1): 60–61. 1964, *nom. nov.* pro: *Arabis ochroleuca* Boiss. & Heldr.

Current name: *Arabis subflava*

Isolectotype:—([WU 0067983](#)), isolectotype for *Arabis ochroleuca* Boiss. & Heldr. (quod vide in Catalogue A).

Aubrieta intermedia Heldr. & Orph. ex Boiss., Diagn. pl. orient. sér. 2, 1: 36–37. 1854.

Current name: *Aubrieta deltoidea*

Possible type:—[Greece] in monte Ziria (Cyllene) Peloponnesi prope Tricala (rara), alt. 3000–5000': 22 April 1854/4 May 1854, T.G. Orphanides 372 ([WU 0076102](#)).

A corresponding voucher collected by Orphanides is mentioned in the protologue, however the time period between collecting (April 1854) and publication (May 1854) is rather short.

Aubrieta scyria Halácsy, Oesterr. Bot. Z. 60 (3): 115. 1910.

Current name: *Aubrieta scyria*

Lectotype (**designated here**):—[Greece] In insula Scyro, mt. Kochylos: June 1908, B. Tuntas 588 ([WU 0076103](#)).

Isolectotype:—[Greece] In insula Scyro: June 1908, B. Tuntas 588 ([WU 0076104](#)).

First-step lectotype designated by Phitos (2002: 193) but not discriminating between the two vouchers in WU-Halácsy-Graec. Thus, we here designate the first above mentioned voucher ([WU 0076103](#)), including handwritten manuscript by Halácsy as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Aurinia moreana Tzanoud. & Iatroú, Bot. Chron. (Patras) 1 (1): 22–23. 1981, *nom. nov.* pro: *Alyssum orientale* var. *alpinum* Halácsy.

Current name: *Aurinia moreana*

Lectotype:—([WU 0076165](#)), lectotype for *Alyssum orientale* var. *alpinum* Halácsy (quod vide in Catalogue A). Lectotype designated by Hartvig (2002b: 230). To our knowledge the combination *Aurinia alpina* does not exist, and it thus remains unclear why Tzanoudakis & Iatroú (1981) did not perform a combination.

Barbarea conferta Boiss. & Heldr. in Boissier, Fl. orient. Suppl.: 36. 1888.

Current name: *Barbarea vulgaris*

Isolectotype:—[Greece] In montis Kyllenes Achaiae regione media, prope pagum Trikala, alt. 3500'–4000', in humidis ad rivulos: 1 August 1871, T.H.H. von Heldreich 3646 ([WU 0075951](#)).

Lectotype in B according to Tan (2002a: 171).

Barbarea vulgaris var. *macrophylla* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 470–471. 1894.

Current name: *Barbarea vulgaris*

Syntypes:—[Greece] Thessalia orientalis. In regione media mt. Pelion supra urbem Volo: 29 July 1893, C. Leonis s.n. ([WU 0075949](#), [WU 0075950](#)).

Berteroa stricta var. *pindicola* Halácsy, Consp. Fl. Graec. 1 (1): 86. 1900.

Current name: *Berteroa obliqua* subsp. *pindicola*

Lectotype (**designated here**):—[Greece] Epirus boreali-orientalis. In cacumine mt. Peristeri. Alt. 2100 m. Solo calcareo: 17 July 1893, E. von Halácsy s.n. ([WU 0076128](#)).

Syntype:—[Greece] Chaliki: in subalpin. Turnara: 26 June 1896, P.E.E. Sintenis 808 ([WU 0076112](#)).

First-step lectotype designated by Tan (2002c: 226). However both the voucher from the WU-Halácsy-Graec. and that from WU main collection were collected on the same date. Thus, we here designate Halácsy's voucher in his herbarium ([WU 0076128](#)) as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Brassica cadmea Heldr. ex O.E. Schulz, Pflanzenr. (Engler) IV.105 (1): 63. 1919.

Current name: *Brassica cadmea*

Lectotype:—[Greece] Boeotia, in collibus argillosis prope Thebas: 23 April 1885, T.H.H. von Heldreich 821 ([WU 0076076](#)).

Syntype—[Greece] In collibus siccis pr. Thebas Boeotiae: 23 April 1884, T.H.H. von Heldreich s.n. ([WU 0097741](#)).

Lectotype designated by Snogerup & Snogerup (2002: 285). It is unclear, whether the collecting date 1884 given on the second cited voucher is only a misprint and the voucher belongs to the same gathering as the lectotype or if the given date is correct; it, however, lacks Heldreich's number and is thus considered a syntype.

Brassica cretica var. *aegaea* Heldr. & Halácsy in Halácsy, Oesterr. Bot. Z. 45 (6): 216. 1895.

Current name: *Brassica cretica* subsp. *aegaea*

Lectotype:—[Greece] Insula Tenos. In rupibus submontanis: 12–17 April 1889, T.H.H. von Heldreich & E. von Halácsy s.n. ([WU 0076042](#)).

Syntype:—[Greece] Sporaden = Insel Jura (nord-östl. Euboea): 27 May 1894, O. Reiser s.n. ([WU 0076044](#)).

Lectotype designated by Snogerup, Gustafsson & Bothmer (1990: 291).

Brassica cretica var. *attica* Onno, Oesterr. Bot. Z. 82: 315. 1933.

Current name: *Brassica cretica* subsp. *aegaea* (Snogerup, Gustafsson & Bothmer 1990)

[Lectotype in WU-Keck (**designated here**):—[Greece] Attica: ad rup. mts. Hymettus: April 1876, T. Pichler s.n. ([WU 0076058](#); Isolectotype in WU-Kerner: [WU 0076053](#)).].

Syntypes:—[Greece] Flora Attica: in regione abietina montis Parnethis: May 1911, B. Tuntas 1322 ([WU 0076054](#)).—[Greece] Insula Euboea: in regione abietina mt. Dirphys: 18 August 1910/31 August 1910, B. Tuntas 907 ([WU 0076055](#)).—[Greece] mt. Pateras: 1 October 1910/14 October 1910, B. Tuntas 908 ([WU 0076056](#)).—[Greece] In faucibus m. Hymetti ad rupes excelsas [sic!] alt. 1500': 2 April 1875, T.H.H. von Heldreich 413 ([WU 0076057](#)).—[Greece] Flora Attica: in m. Hymetti faucibus: 12 April 1875, T.H.H. von Heldreich 413 ([WU 0097787](#)).

First-step lectotype designated by Snogerup, Gustafsson & Bothmer (1990: 291) but citing a voucher collected by Pichler (“Hymettos, 4.1876, Pichler (WU-HAL!)”). However, the corresponding material was erroneously cited for the herbarium WU-Halácsy-Graec. but is deposited in both WU-Kerner and WU-Keck. Due to its better state of preservation we here designate the Pichler voucher in the herbarium WU-Keck ([WU 0076058](#)) as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Brassica nivalis Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 32. 1854.

Current name: *Coincya nivalis* (Tan 2002d)

Isolectotype:—[Greece] In rupibus ad nives m. Olympi Thessaliae rar: 24 July 1851, T.H.H. von Heldreich 2559 (WU 0076059).

Lectotype in G-BOIS according to Tan (2002d: 289–290).

Capsella bursa-pastoris var. *brachycarpa* Heldr., Herb. Graec. Norm.: No. 1212b, cum diagn. 1895.

Current name: *Capsella bursa-pastoris*

Syntype:—[Greece] Attica: in collibus saxosis (Lycabetto etc.) prope Athenas et in maritimis (pr. Piraeum et Eleusin): 27 March – 5 May 1894, T.H.H. von Heldreich 1212b (WU 0076312).

Cardamine barbaraeoides Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 228–229. 1894.

Current name: *Cardamine amara* subsp. *barbaraeoides* (Tan 2002a)

Syntypes:—[Greece] Epirus boreali-orientalis. Gregarie ad rivulos regionis superioris mt. Peristeri supra pagum Syraku. Alt. 1500 m: 14 June 1893, E. von Halácsy s.n. (WU 0075939, WU 0075940, WU 0075941).

Cheiranthus senoneri Heldr. & Sartori [Cat. Hort. Athen.: 1862] ex Reut. (1865) Notul. sp. nov. hort. genev.: ### [reprint in J. Briquet (1916) Annu. Cons. Jard. bot. Genève 18/19: 250–251]. 1862.

Current name: *Erysimum senoneri* subsp. *senoneri*

Lectotype:—[Greece] In rupinis insulae Andri (Cycladum): 22 August 1859, J. Sartori s.n. (WU 0075953).

Lectotype designated by Snogerup (1967: 50), who erroneously cited 1856 as collecting year.

According to Reuter (1865, only available as reprint in J. Briquet, 1916) the taxon name first appeared in a publication by Heldreich and Sartori cited as “hort. Athen. 1862”, the corresponding literature, which probably refers to a garden catalogue, could not be traced. Thus, it remains uncertain if Heldreich & Sartori (1862) only gave the name or also a description and the first valid publication is assigned to Reuter (1865).

Clypeola jonthlaspi var. *intermedia* Halácsy, Consp. Fl. Graec. 1 (1): 117. 1900.

Current name: *Clypeola jonthlaspi*

Syntype:—[Greece] Flora Attica: ad radices m. Pentelici prope Kephissiam: 14 April 1879, T.H.H. von Heldreich s.n. (WU 0076314).

Clypeola jonthlaspi var. *lasiocarpa* Halácsy, Consp. Fl. Graec. 1 (1): 116. 1900.

Current name: *Clypeola jonthlaspi* subsp. *jonthlaspi*

Syntype:—[Greece] Attica, in m. Corydalo, Hymetto alibique, in collibus siccis maritimis, nec non in submontanis, 0–2000': March – April 1884, T.H.H. von Heldreich 822 (WU 0076316).

Draba athoa var. *glabrescens* Halácsy, Consp. Fl. Graec. 1 (1): 100. 1900.

Current name: *Draba lasiocarpa*

Syntype:—[Greece] M. Mitčikeli et Olyčika distr. Janina: 16–19 June 1895, A. Baldacci 7 (WU 0067546).

Draba cretica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 27. 1849.

Current name: *Draba cretica*

Isolectotype:—[Greece] In summo cacumine “Lazzaro” montium Lassiti Cretae alt. 6000': 9 May 1846, T.H.H. von Heldreich 1657 (WU 0076310).

Lectotype in G-BOIS according to Buttler (1986: 312).

Draba cretica var. *sphaciotica* Halácsy, Consp. Fl. Graec. 1 (1): 101. 1900.

Current name: *Draba cretica*

Syntype:—[Greece] In pascuis m. Gigilos Volakia et H. Pneuma distr. Asprovuna: 8–22 July 1893, A. Baldacci 103 (WU 0067549).

Draba erostra Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 495–496. 1894.

Current name: *Draba lacaitae*

Lectotype:—[Greece] Arcadia. In rupestribus calcareis mt. Chelmos. (Aroania vet.) supra pagum Sudena. Alt. 1800–2000 m: 20 June 1893, E. von Halácsy s.n. ([WU 0067548](#)).
Lectotype designated by Tan & Stevanović (2002: 240).

Draba parnassica var. *microcarpa* O.E. Schulz, Pflanzenr. (Engler) IV (105): 52. 1927.

Current name: *Draba parnassica*

Syntype:—[Greece] Doris: in cacumine mt. Kionae, alt. 7800': 12 July 1888, E. von Halácsy s.n. ([WU 0067547](#)).

Erysimum creticum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 26–27. 1854.

Current name: *Erysimum creticum*

Isolectotype:—[Greece] In Eparchia Sitia Cretae: April 1846, T.H.H. von Heldreich 1363 ([WU 0075979](#)).

Lectotype in G according to Polatschek (1973: 116).

Erysimum mutabile Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 24–25. 1849.

Current name: *Erysimum mutabile*

Isolectotype:—[Greece] In summis montibus Lassiti Cretae: May 1846, T.H.H. von Heldreich 1492 ([WU 0075978](#)).

Lectotype in G according to Polatschek (1973: 122).

Erysimum olympicum Boiss., Fl. orient. 1: 191. 1867.

Current name: *Erysimum olympicum*

Isolectotype:—[Greece] In reg. sylvatica m. Olympi Thessaliae ad Mavrolongo: 25 July 1851, T.H.H. von Heldreich 2403 ([WU 0075954](#)).

Lectotype in G-BOIS according to Polatschek (1986: 245).

Erysimum pusillum var. *pindicum* Hausskn. ex Halácsy, Consp. Fl. Graec. 1 (1): 64–65. 1900.

Current name: *Erysimum cephalonicum* (Polatschek & Snogerup 2002)

Syntype:—[Greece] Chaliki: in subalpin. mt. Salatura: 26 June 1896, P.E.E. Sintenis 797 ([WU 0075957](#)).

Erysimum trichophyllum Heldr., Herb. Graec. Norm.: No. 1505, *cum diagn.* 1900.

Current name: *Erysimum pusillum*

Syntypes:—[Greece] Laconia borealis: In districtus Alagonia monte Xirovuni: May 1899 (flor.) & 7 July 1900 (fruct.), K.H. Zahn 1505 ([WU 0075955](#)).—[Greece] Graecia. Laconia borealis. In districtus “Alagonia” monte “Xirovuni”: May 1899 (flor.) & 7 July 1900 (fruct.), K.H. Zahn 4206 ([WU 0075956](#)).

First-step lectotype in W ([W 1900-0014914](#)) designated by Polatschek (1986: 242). However, two different gatherings (Art. 8.2, Turland *et al.* 2018) are mounted on the corresponding sheet, thus the voucher in WU-Halácsy-Graec. remains a syntype.

The same material collected by Zahn was distributed both in Dörfler's Herbarium Normale and Heldreich's Herbarium Graecum Normale.

Hesperis theophrasti Borbás, Magyar Bot. Lapok 1 (9): 267. 1902.

Current name: *Hesperis theophrasti* subsp. *theophrasti*

Isolectotype:—[Greece] Pindus Tymphaeus: in silva ad monast. Witomo: 15 May 1896, P.E.E. Sintenis 221 ([WU 0074899](#)).

Lectotype in BPU according to Dvořák (1966: 62).

Iberis epirota Halácsy, Consp. Fl. Graec. 1 (1): 106. 1900.

Current name: *Iberis epirota*

Syntype:—[Greece] In lapidosis mobil. summis; m. Smolika supra Kerasovo distr. Konitza: 18 July 1896, A. Baldacci 212 ([WU 0067533](#)).

Malcolmia angulifolia Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 5: 19. 1856.

Current name: *Malcolmia orsiniana* subsp. *angulifolia*

Isolectotype:—[Greece] In m. Parnassi reg. Tripia Spilaea: August 1855, J. Guicciardi s.n. [Herb. Graec. Norm. 728] ([WU 0074900](#)).

Lectotype in G-BOIS according to Stork (1972a: 241).

Malcolmia bicolor Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 6: 10–11. 1846.

Current name: *Malcolmia graeca* subsp. *bicolor* (Georgiou 2002)

Syntypes:—[Greece] In reg. super m. Taygeti Laconiae: May 1844, T.H.H. von Heldreich s.n. ([WU 0076028](#)).—
[Greece] In m. Taygeti reg. super. alt. 6000': June 1844, T.H.H. von Heldreich s.n. ([WU 0076029](#)).

Malcolmia chia var. *hygrophila* Vierh. in Vierhapper & Rechinger, Oesterr. Bot. Z. 84: 136. 1935.

Current name: *Malcolmia chia*

Syntypes:—[Greece] Creta orient. Mons Korakes in montibus Lasithi: 5 April 1900, C. Leonis 76 ([WU 0076036](#)).—
[Greece] Rochers de Malaxa: 27 April 1883, E. Reverchon 9 ([WU 0076037](#)).

Malcolmia maritima var. *leucadiana* Stork, Opera Bot. 33: 29–30, figs. 1I, 7C, 8, 19C, 26A, 31, 32. 1972.

Current name: *Malcolmia maritima*

Paratype:—[Greece] Santa Maura. Im Sande des Meeresstrands nächst den Windmühlen bei Amaxichi: May 1878, G.C. Spreitzenhofer s.n. ([WU 0077997](#)).

Matthiola sinuata var. *cornigera* Halácsy, Consp. Fl. Graec. 1 (1): 61. 1900.

Current name: *Matthiola sinuata*

Syntype:—[Greece] Flora Attica: in rupibus marit. pr. Piraeum [sic!]: 1 May 1876, T.H.H. von Heldreich s.n. ([WU 0075952](#)).

Noccaea boeotica F.K. Mey., Feddes Repert. 84 (5–6): 462–463. 1973.

Current name: *Noccaea ochroleuca* (FHD)

Isotype:—[Greece] In monte Helicone Boeotiae: 19 May 187# [70], T.G. Orphanides 1053 ([WU 0076311](#)).

Holotype in JE (Meyer 1973). The collecting year probably is 1870 (cf. [LD 1596350](#)).

Ptilotrichum baldaccii Degen, Oesterr. Bot. Z. 46 (12): 413–414. 1896.

Current name: *Bornmuellera baldaccii* subsp. *baldaccii*

Lectotype:—[Greece] M. Smolika distr. Konitza: 17–18 July 1896, A. Baldacci 211 ([WU 0076113](#)).

Lectotype designated by Hartvig (2002c: 233).

Ricotia cretica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 29–30. 1849.

Current name: *Ricotia cretica*

Isolectotype:—[Greece] In montibus Sphacioticis Cretae prope Askyphous, alt 3000' inter saxos.: 2 April 1846, T.H.H. von Heldreich 1368 ([WU 0075948](#)).

Lectotype in G-BOIS according to Tan (2002b: 195).

Sinapis alba var. *latirostris* O.E. Schulz, Pflanzenr. (Engler) IV.105 (1): 132. 1919.

Current name: *Sinapis alba* subsp. *mairei* (FHD)

Syntype:—[Greece] In scopulo Rhaphti ad litus Atticum: 18 April 1866, T.H.H. von Heldreich s.n. ([WU 0076077](#)).

Thlaspi epirotum Halácsy, Consp. Fl. Graec. 1 (1): 109. 1900.

Current name: *Noccaea epirota*

Lectotype:—[Greece] In lapidosis mobilibus alpinis m. Smolika distr. Konitza: 18 July 1896, A. Baldacci 208 ([WU 0034619](#)).

Lectotype designated by Franzén (1986d: 324), citing the herbarium W but annotating the voucher in the herbarium WU-Halácsy-Graec. as lectotype. At any rate, the gathering could not be found in W.

Thlaspi microphyllum Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 19. 1859.

Current name: *Noccaea microphylla*

Syntype:—[Greece] In reg. nivali m. Veluchi: 30 July 1857, J.B. Samaritani & J. Guicciardi s.n. [De Heldreich plantae exsicc. Florae Hellenicae 3353] ([WU 0067534](#)).

Thlaspi microphyllum subsp. *creticum* Degen & Jáv. in Jávorka, Magyar Bot. Lapok 21 (1922): 25. 1923.

Current name: *Noccaea cretica*

Isolectotype:—[Greece] Ad nives deliquescentes m. Psiloriti (Ida) supra specum Jovis distr. Mylopotamos: 9 June 1899, A. Baldacci 53 ([WU 0034618](#)).

Lectotype according to Franzén (1986d: 324), designating a voucher by Baldacci (no. 53) in the herbarium G; Meyer (2006: 191) argued that the material seen by Degen & Jávorka needs to be the lectotype and thus lectotypified Baldacci's voucher no. 53 in the herbarium BP.

Vesicaria tymphaea Hausskn., Mitt. Geogr. Ges. (Thüringen) Jena 5 (3, Bot. Ver. Gesamtthür.): 70. 1887b.

Current name: *Bornmuellera tymphaea*

Lectotype:—[Greece] Pindus Tymphaeus: in summi montis Zygós supra Metzovô regione silvatica, alt. 4500–5000', substratu silicico-serpentino: 19–20 July 1885, T.H.H. von Heldreich s.n. ([WU 0076126](#)).

Syntype:—[Greece] Pindus Tymphaeus: in valle superiori Penei circa Malakási, alt. 3000'–3500', substratu siliceo-serpentino: 17–18 July 1885, T.H.H. von Heldreich s.n. ([WU 0076127](#)).

Lectotype designated by Hartvig (1986b: 307).

Haussknecht (1893a) stated that during his fieldtrip 1885 he was traveling together with Heldreich and thus indirectly cited Heldreich's voucher, which also has the same label as Haussknecht's vouchers.

Wilckia hydraea Heldr. & Halácsy in Halácsy, Oesterr. Bot. Z. 45 (5): 176. 1895.

Current name: *Malcolmia graeca* subsp. *hydraea*

Isolectotypes:—[Greece] Insula Hydra ad Argolidem. In saxosis montis Eros supra coenobium Prophetæ Eliae, alt. 1000' circ: 1 May 1889, T.H.H. von Heldreich 1009 ([WU 0076030](#), [WU 0076032](#)).

Syntype:—[Greece] Insula Hydra. In m. Eros: 1–3 May 1889, T.H.H. von Heldreich s.n. ([WU 0076031](#)).

Lectotype in W ([W 1889-0003046](#)) designated by Stork (1972b: 40).

Wilckia maritima var. *floribunda* Halácsy, Consp. Fl. Graec. suppl. 1: 8. 1908.

Current name: *Malcolmia orsiniana* subsp. *serbica* (Georgiou 2002)

Syntypes:—[Albania] m. Kuruna et Nimerčka versus distr. Ljaskovik: 8 July 1896, A. Baldacci 204 ([WU 0076024](#)).—[Greece] Jugo Gamila m. Vradeton distr. Zagorion: 13 July 1896, A. Baldacci 274 ([WU 0076025](#)).—[Greece] m. Mitčikeli distr. Janina: 9 June 1896, A. Baldacci 274 ([WU 0076026](#)).—[Albania] m. Kuruna et Nimerčka versus distr. Ljaskovik: 8 July 1896, A. Baldacci 204 ([WU 0076027](#)).

Wilckia maritima var. *macrocalyx* Halácsy, Consp. Fl. Graec. 1 (1): 74. 1900.

Current name: *Malcolmia macrocalyx* subsp. *macrocalyx*

Isolectotypes:—[Greece] Insula Skopelos: 27 April – 18 May 1896, C. Leonis s.n. ([WU 0076011](#), [WU 0076012](#)).

Syntype:—[Greece] Insula Skiathos: 23–25 April 1896, C. Leonis s.n. ([WU 0076013](#)).

Lectotype in W ([W 1928-0011306](#)) designated by Stork (1972b: 24).

Campanulaceae

Campanula andrewsii var. *pelia* Hausskn. & Sint. ex Halácsy, Magyar Bot. Lapok 11 (5–8): 170. 1912.

Current name: *Campanula pelia*

Lectotype:—[Greece] Volo: Lechonia, ad rupes: 28 April 1896, P.E.E. Sintenis 1 ([WU 0064247](#)).

Syntype:—[Greece] Karla See in Thessalien: 18 May 1894, O. Reiser s.n. ([WU 0064246](#)).

Lectotype designated by Turner (2013: 4).

Campanula flagellaris Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 246–247. 1894, *nom. illeg.*: non *Campanula flagellaris* Kunth in Humboldt, Bonpland & Kunth, Nov. gen. sp. 3 (12): 301. 1819.

Current name: *Campanula tymphaea*

Syntypes:—[Greece] Epirus borealis-orientalis. In herbis regionis superioris mt. Peristeri. Alt. 1700 m: 14 July 1893, E. von Halácsy s.n. ([WU 0078228](#), [WU 0078229](#)).—[Greece] Pindus Tymphaeus: in summi montis Zygós supra Metzovó regione sylvatica, alt. 4500'–5000': 19–20 July 1885, T.H.H. von Heldreich s.n. ([WU 0078227](#)).

Campanula hawkinsiana Hausskn. & Heldr. in Haussknecht, Mitt. Geogr. Ges. (Thüringen) Jena 5 (3, Bot. Ver. Gesamtthür.): 87. 1887c.

Current name: *Campanula hawkinsiana*

Syntype:—[Greece] Pindus Tymphaeus, in valle superiori Penei prope Uraneus et Malakasi, in rupium fissuris et in lapidosis, alt. 2500'–4000': 17–18 July 1885, T.H.H. von Heldreich 856 ([WU 0078243](#)).

Campanula hierapetrae Rech. f. in Vierhapper & Rechinger, Oesterr. Bot. Z. 84: 170–171, fig. 4. 1935.

Current name: *Campanula hierapetrae*

Syntype:—[Greece] Kreta. Distrikt Hierapetra, Apheni Kavusi: 2 August 1904, I. Dörfler 1049 ([WU 0079159](#)).

Campanula oreadum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 107. 1856.

Current name: *Campanula oreadum*

Syntype:—[Greece] In reg. alpina m. Olympi Thessal: July 1851, T.H.H. von Heldreich s.n. ([WU 0078156](#)).

Campanula papillosa Halácsy, Consp. Fl. Graec. suppl. 1: 70. 1908.

Current name: *Campanula papillosa*

Lectotype:—[Greece] Taygetos, rochers calcaires, l. d. Megala Zonaria. 2000–2200 m: 22 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1022 ([WU 0043563](#)).

Lectotype designated by Hartvig (1991: 379).

Campanula reiseri Halácsy, Oesterr. Bot. Z. 46 (1): 14–15 and 1896 and Oesterr. Bot. Z. 47 (3): 96. 1897.

Current name: *Campanula reiseri*

Syntypes:—[Greece] Sporaden-Insel Jura (nord-östl. Euboea): 27 May 1894, O. Reiser s.n. ([WU 0077928](#)).—[Greece] Sporaden-Insel Xero (Peristeri): 23 May 1894, O. Reiser s.n. ([WU 0077929](#)).

Campanula reiseri var. *leonis* Halácsy, Oesterr. Bot. Z. 47 (3): 96. 1897.

Current name: *Campanula reiseri*

Syntypes:—[Greece] Insula Jura (Gyaros veterum): 25 May – 9 June 1896, C. Leonis s.n. ([WU 0077930](#), [WU 0077931](#), [WU 0077932](#)).

Campanula rotundifolia subsp. *hellenica* Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 2 (4): 540. 1930.

Current name: *Campanula rotundifolia* s.l. (FHD)

Syntypes:—[Greece] m. Korax, reg. alpina: August 1896, B. Tuntas & C. Leonis s.n. ([WU 0080591](#)), authentic specimen for *Campanula hellenica* Hayek (quod vide in Catalogue C).—[Greece] Peloponnèse: mont Ziria. Dans les touffes de Festuca vers 2200 m: 8 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 550 ([WU 0080592](#)), authentic specimen for *Campanula hellenica* Hayek (quod vide in Catalogue C).—[Greece] Summo jugo Peristeri m. Pindos: 4 August 1895, A. Baldacci 180 ([WU 0080593](#)), authentic specimen for *Campanula hellenica* Hayek (quod vide in Catalogue C).—[Greece] Peloponnèse: mons Khelmos in herbis zon. alp. 2100 m: 12 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 739 ([WU 0080594](#)), authentic specimen for *Campanula hellenica* Hayek (quod vide in Catalogue C).

In Hayek's description of *C. rotundifolia* subsp. *hellenica* he indirectly cited Halácsy's material for *C. rotundifolia* (s. Halácsy 1902b: 263) and determined this material as *C. hellenica* (in herb.).

Campanula rotundifolia subsp. *sancta* Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 2 (4): 540. 1930.

Current name: *Campanula rotundifolia* s.l. (FHD)

Lectotype:—[Greece] Legi in cacumine montis Athus: 18 August 1862/30 August 1862, T.G. Orphanides 34 ([WU 0080595](#)), authentic specimen for *Campanula sancta* Hayek (quod vide in Catalogue C).

Lectotype designated by Podlech (1965: 85), who cited the herbarium W as the material at that time was deposited in this collection but annotated the voucher in WU-Hal-Graec, thus the above mentioned voucher clearly is the lectotype.

Campanula rupestris* var. *virescens Halácsy, Consp. Fl. Graec. 2 (1): 256. 1902.

Current names: ***Campanula constantini*** (May 1876, T. Pichler; FHD), ***Campanula andrewsii*** (May 1850, T.G. Orphanides & June 1876, T. Pichler; FHD)

Syntypes:—[Greece] Euboea: in rup. pr. Steni: May 1876, T. Pichler s.n. (WU 0077975).—[Greece] In m. Malevo Laconiae: May 1850, T.G. Orphanides s.n. (WU 0077976).—[Greece] Griechenland. Auf Felsen und Mauern bei Kumusta, am Mte. Taygetos: June 1876, T. Pichler s.n. (WU 0077977).

Campanula sibthorpiana Halácsy, Consp. Fl. Graec. 2 (2): 268–269. 1902, *nom. illeg.*: non *Campanula sibthorpiana* (Schult.) Boiss., Diagn. pl. orient. sér. 1, 11: 77. 1849.

Current name: ***Campanula spatulata***

Syntypes:—[Greece] Malakasi: in pratis subalp. mt. Sina: 13 July 1896, P.E.E. Sintenis 900 (WU 0078305).—[Greece] Chaliki: ad Turnara, in subalpin: 26 June 1896, P.E.E. Sintenis 668 (WU 0078307).—[Greece] In montis Kyllenes (Ziria hod.) Achaiae regione superiori, alt. 5000'–7122' in oropedio Livadi: 25 June 1887, T.H.H. von Heldreich s.n. (WU 0078308).—[Greece] Thessalia: Pindus, in monte Tringia supra pagum Kastania: July 1893, H. Hartl s.n. (WU 0078309).—[Greece] Epirus boreali-orientalis. In rupestribus calcareis cacuminis mt. Peristeri alt. 2196 m: 16 July 1893, E. von Halácsy s.n. (WU 0078310).—[Greece] Epirus orientalis. In herbis regionis alpinae mt. Tsumerka supra pagum Theodariana, alt. 2000 m: 9 July 1893, E. von Halácsy s.n. (WU 0078311).—[Greece] m. Korax: August 1896, B. Tuntas & C. Leonis s.n. (WU 0078312).—(WU 0078306), syntype for ***Campanula spatulata* f. *alpina*** Heldr. (quod vide in Catalogue A).

Campanula sibthorpiana* var. *filicaulis Halácsy, Consp. Fl. Graec. 2 (2): 257–612. 1902.

Current name: ***Campanula spatulata* subsp. *filicaulis***

Syntype:—[Greece] In lapid. mobil. m. Lazari (Lassiti) distr. Mirabello: 1 July 1899, A. Baldacci 336 (WU 0078392).

Campanula spatulata* f. *alpina Heldr., Herb. Graec. Norm.: No. 1058b, *cum diagn.* 18## [1887 on the label].

Current name: ***Campanula spatulata***

Syntype:—[Greece] Achaia: in m. Kyllenes (nunc Ziria) regione superiori, alt. 5000'–6500', in pascuis siccis rarior: 25 June 1887, T.H.H. von Heldreich 1058b (WU 0078306), syntype for ***Campanula sibthorpiana*** Halácsy (quod vide in Catalogue A).

Campanula sphaerothrix* var. *oxya Halácsy, Consp. Fl. Graec. 2 (2): 272. 1902.

Current name: ***Campanula sparsa* subsp. *sphaerothrix***

Syntype:—[Greece] Thessalia boreali-occidentalis. In fagetis mt. Oxya supra pagum Chaliki. Alt. 1500 m: 19 July 1893, E. von Halácsy s.n. (WU 0078402).

Campanula spruneriana* var. *hirsuta Heldr. ex Halácsy, Consp. Fl. Graec. 2 (2): 268. 1902.

Current name: ***Campanula spatulata* subsp. *spruneriana*** (FHD)

Syntype:—[Greece] Euboea: in castanet pr. Steni: May 1876, T. Pichler s.n. (WU 0078304).

Campanula stenosphon* var. *majoriflora Halácsy, Consp. Fl. Graec. 2 (2): 261. 1902.

Current name: ***Campanula stenosphon***

Syntype:—[Greece] In monte Malevo Laconiae supra Castanitzam (rare), alt. 4000'–5000': 8 June 1857/20 June 1857, T.G. Orphanides 659 (WU 0078210).

Podanthum psaridis Heldr., Herb. Graec. Norm.: No. 1564, *cum diagn.* 1900.

Current name: ***Asyneuma limonifolium***

Syntypes:—[Greece] Laconia: in regione alpina m. Taygeti l. d. Megala Zonaria: 2 July 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1564] (WU 0068827).—[Greece] Laconia: in regione alpina m. Taygeti l. d. Megala Zonaria: 2 July 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1564] (WU 0078529).

Symphyanthra cretica var. *samoethracica* Degen, Oesterr. Bot. Z. 41 (10): 333. 1891.

Current name: *Campanula samoethracica*

Syntype:—[Greece] Insula Samoethrake: in saxibus subverticalibus montium Hagios Sophia-Phengari. alt. ca. 300–800 m: 28 June 1890, A. von Degen s.n. (WU 0077885), authentic specimen for *Campanula halacsyana* Degen (quod vide in Catalogue C).

Symphyanthra sporadum Halácsy, Oesterr. Bot. Z. 45 (11): 461–463. 1895.

Current name: *Campanula boreosporadum*

Syntype:—[Greece] Sporaden-Insel Jura (nord-östl. Euboea): 27 May 1894, O. Reiser s.n. (WU 0077884).

Trachelium asperuloides Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 3: 117. 1856.

Current name: *Campanula asperuloides*

Isolectotype:—[Greece] In regione media montis Chelmos, Peloponnesi prope Stygem, 3500–5000': 15 July 1851/27 July 1851, T.G. Orphanides 248 (WU 0078528).

Lectotype in G-BOIS according to Tan & Iatrou (2001: 359).

Caprifoliaceae

Centranthus sibthorpii Heldr. & Sartori ex Boiss., Diagn. pl. orient. sér. 2, 2: 119–120. 1856.

Current name: *Centranthus ruber* subsp. *sibthorpii*

Syntypes:—[Greece] Attica m. Hymettis rupes: 14 May 1854, T.H.H. von Heldreich s.n. (WU 0077522).—[Greece] In rupibus m. Hymetti: May 1855, T.H.H. von Heldreich 429 (WU 0077523).

Centranthus sieberi Heldr. in Ostermeyer, Verh. K. K. Zool.-Bot. Ges. Wien 40: 295. 1890.

Current name: *Centranthus sieberi*

Syntype:—[Greece] Auf den Lavafelsen des erloschenen Krater Beckens „Mavrous Lakous“. Sehr selten: 21 July 1882, G.C. Spreitzenhofer s.n. (WU 0077524).

Cephalaria setulifera Boiss. & Heldr. in Boissier, Fl. orient. 3: 124. 1875.

Current name: *Cephalaria flava* subsp. *setulifera*

Isolectotype:—[Greece] Ad rupes regionis super. m. Dirphyis (Delphi) Euboeae, alt. 4000'–5500' supra fontem Liri. Planta rarissima!: s.d., T.H.H. von Heldreich 3531 (WU 0077531).

Lectotype in G-BOIS according to Kokkini (1991b: 352).

Knautia magnifica Boiss. & Orph. in Orphanides, Bull. Congr. Internat. Bot. Hort. St. Petersburg: 138–139. 1870.

Current name: *Knautia magnifica*

Syntype:—[North Macedonia] In reg. super. m. Peristeri Macedoniae, alt. 6000': 31 July 187#, T.G. Orphanides 1057 (WU 0077532).

The correct collecting year could be 1862 as Orphanides travelled to North Macedonia in that year according to vouchers in LD and WU, including one from the summit of Mt. Peristeri/Pelister (WU 0074685).

Lonicera formanekiana Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 46: 473–474. 1896.

Current name: *Lonicera alpigena* subsp. *formanekiana*

Syntypes:—[North Macedonia] Mirčevica pl. in Macedonia: 19 July 1895, E. Formánek s.n. (WU 0071568).—[Greece] m. Olyčika distr. Janina: 17 June 1896, A. Baldacci 79 (WU 0071569).

Lonicera hellenica Orph. ex Boiss., Diagn. pl. orient. sér. 2, 2: 108. 1856.

Current name: *Lonicera alpigena* subsp. *hellenica*

Syntype:—[Greece] In monte Chelmos Peloponnesi (Αροάνια Ορη) prope Stygem (rara); alt. 5500': 17 June 1852/29 June 1852, T.G. Orphanides 165 (WU 0077384).

Pterocephalus perennis f. *longipedunculatus* Tuntas ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 2 (4): 508. 1930.

Current name: *Pterocephalus perennis* subsp. *perennis*

Syntypes:—[Greece] Flora Attica: mt. Parnes. Rare: 5 July 1911/18 July 1911, B. Tuntas 1258 ([WU 0077536](#)), authentic specimen for *Pterocephalus longipedunculatus* Tuntas (quod vide in Catalogue C).—[Greece] Flora Attica: In regione abietina montis Parnethis: 13 July 1912/26 July 1912, B. Tuntas s.n. ([WU 0077537](#)), authentic specimen for *Pterocephalus longipedunculatus* Tuntas (quod vide in Catalogue C).

Pterocephalus perennis f. *virescens* Halácsy, Consp. Fl. Graec. 1 (3): 762. 1901.

Current name: *Pterocephalus perennis* subsp. *bellidifolius* (as identified by K. Tan)

Syntype:—[Albania] Albania. m. Kuruna prope Voničko distr. Ljaskovik: 9 July 1896, A. Baldacci 240 ([WU 0077534](#)).

Pterocephalus perennis var. *pinnatisectus* Halácsy, Consp. Fl. Graec. 1 (3): 762. 1901.

Current name: *Pterocephalus perennis* subsp. *bellidifolius* (as identified by K. Tan)

Syntype:—[Albania] Albania. In rupestribus infer m. Kira et Cima (Acroceraunia): 13 July 1892, A. Baldacci 75 ([WU 0077535](#)).

Scabiosa dallaportae Heldr. ex Boiss., Fl. orient. 3: 138–139. 1875.

Current name: *Lomelosia crenata* subsp. *dallaportae*

Syntype:—[Greece] In Cephalleniae ins. rupibus maritimus altissimis pr. coenobium Kipouria in epirotia occidentali Paliki: 13 September 1872, T.H.H. von Heldreich 3681 ([WU 0077541](#)).

Scabiosa epirota Halácsy & Bald. in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 42: 577. 1893.

Current name: *Lomelosia epirota*

Syntype:—[Greece] In rupestribus sub m. Zalongo distr. Preveza: 21 August 1892, A. Baldacci 250 ([WU 0077539](#)).

Scabiosa sphaciotica var. *decalvans* Halácsy, Consp. Fl. Graec. 1 (3): 766. 1901.

Current name: *Lomelosia sphaciotica*

Syntype:—[Greece] Ad limites superiores regionis sylvatica m. Idae in locis arenosis siccis inter Nida (### Ιδα) et Ruva, alt 4500', rara: 16 August 1870, T.H.H. von Heldreich s.n. ([WU 0077542](#)).

Scabiosa taygetea Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 6: 73–74. 1846.

Current name: *Scabiosa taygetea* subsp. *taygetea*

Isolectotype:—[Greece] In reg. silvatica m. Taygeti Laconiae: July 1844, T.H.H. von Heldreich 292 ([WU 0077546](#)).

Lectotype in G-BOIS according to Kokkini (1991c: 365).

Valeriana crinii Orph. ex Boiss., Diagn. pl. orient. sér. 2, 2: 119. 1856.

Current name: *Valeriana crinii* subsp. *crinii*

Isolectotypes:—[Greece] Legi in monte Chelmos (Aroania Oro) prope Stygem, alt 4500': 17 June 1852/29 June 1852, T.G. Orphanides 2114 ([WU 0064313](#)).—[Greece] Mons Chelmos Achaiae, ad Stygem: 17 June 1852, T.G. Orphanides s.n. ([WU 0064314](#)).

Lectotype in G-BOIS according to Franzén (1986a: 353).

Valeriana heideri Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 38: 757–758. 1888.

Current name: *Valeriana bertisceae* (FHD)

Syntype:—[Greece] Doris: sub rupibus in declivitate orientali montis Kionae rarissima, alt. 7800': 12 July 1888, E. von Halácsy s.n. ([WU 0081493](#)).

Valeriana olenaea Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 118–119. 1856.

Current name: *Valeriana olenaea*

Syntype:—[Greece] In reg. super. montis Ziriae (Κυλληνη), (rara), alt. 5500'–6500': 1 July 1851/13 July 1851, T.G. Orphanides 94 ([WU 0077514](#)).

Caryophyllaceae

Alsine baldaccii Halácsy, Consp. Fl. Graec. 1 (2): 237. 1900.

Current name: *Minuartia baldaccii*

Lectotype:—[Greece] m. Smolika supra Palaeoseli distr. Konitza: 19 July 1896, A. Baldacci 223 ([WU 0059782](#)).

Lectotype designated by Kamari (1997: 183).

Alsine juniperina var. *eglandulosa* Halácsy, Consp. Fl. Graec. 1 (2): 239. 1900.

Current name: *Minuartia juniperina*

Syntype:—[Greece] In rupestribus m. Gamila (Vradeton) distr. Zagorion: 13 July 1896, A. Baldacci 105 ([WU 0074686](#)).

Alsine juniperina var. *glandulifera* Halácsy, Consp. Fl. Graec. 1 (2): 239. 1900.

Current name: *Minuartia juniperina*

Isolectotype:—[Greece] in cacumine montis Zirae, alt. 7000': 6 July 1851/18 July 1851, T.G. Orphanides 23 ([WU 0074694](#)).

Syntypes:—[Greece] Achaia. M. Chelmos: 27 June 1899, C. Leonis 396 ([WU 0074695](#)).—[Greece] Arcadia. In regione abietina mt. Chelmos (Aroania vet.) supra pagum Sudena. Alt. 1300 m. Solo calcareo: 20 June 1893, E. von Halácsy s.n. ([WU 0074696](#)).

Lectotype in ATHU according to Kamari & Stevanović (1996: 97).

Alsine pichleri Boiss., Fl. orient. Suppl.: 113–114. 1888.

Current name: *Minuartia pichleri*

Syntype:—[Greece] Morea: in fiss. rup. mts. Kyllene. 4000': July 1876, T. Pichler s.n. ([WU 0074697](#)).

Alsine recurva var. *nivalis* Boiss., Fl. orient. 1: 674–675. 1867.

Current name: *Minuartia recurva*

Syntype:—[North Macedonia] In cacumine m. Peristeri Macedoniae, alt. 7000'–7900': 31 July 1862, T.G. Orphanides 1029 ([WU 0074685](#)).

Alsine stellata var. *epirota* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 232. 1894.

Current name: *Minuartia stellata*

Lectotype:—[Greece] Epirus boreali-orientalis. In rupestribus calcareis declivitatis orientalis cacuminis mt. Peristeri supra pagum Chaliki. Alt. 2000 m: 17 July 1893, E. von Halácsy s.n. ([WU 0074684](#)).

Lectotype designated by Kamari (1997: 187).

Alsine thessala Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 473–474. 1894.

Current name: *Minuartia attica*

Syntypes:—[Greece] Litochori: Felsen im Thale Megarema: 5 August 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1176 ([WU 0074698](#)).—[Greece] Thessalia boreali-occidentalis. In rupium fissuris mt. Oxya non procul a statione militari Oxa Despot. Alt. 1500 m: 19 July 1893, E. von Halácsy s.n. ([WU 0074699](#)).—[Greece] Thessalia boreali-occidentalis. In rupium fissuris prope pagum Kalabaka (Aeginum vet.) Alt. 250 m: 21 July 1893, E. von Halácsy s.n. ([WU 0074700](#), [WU 0074701](#)).

Alsine velutina Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 36. 1859.

Current name: *Minuartia glomerata* subsp. *velutina*

Isolectotype:—[Greece] in regione superiori montis Corfiati Macedoniae (Dysoron vet) (rare), alt. 3000': 7 July 1857/19 July 1857, T.G. Orphanides 934 ([WU 0074704](#)).

Lectotype in G-BOIS according to Strid (1986b: 94) and to Kamari (1997: 177), citing the same collector, date and locality but a different number.

Alsine verna var. *idaea* Halácsy, Consp. Fl. Graec. 1 (2): 241. 1900.

Current name: *Minuartia attica* subsp. *idaea*

Lectotype:—[Greece] In summis m. Psiloriti (Ida) distr. Amari: 8 July 1899, A. Baldacci 214 ([WU 0074702](#)).

Syntype:—[Greece] In glareosis alpestribus m. Ida ad verticem: 11 August 1893, A. Baldacci 177 ([WU 0074703](#)).

Lectotype designated by Kamari & Constantinidis (1994: 49), emended by Kamari (1997: 186).

Arenaria cretica var. *stygia* Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 91. 1854.

Current name: *Arenaria cretica*

Isolectotype:—[Greece] in rupibus excelsis montis Ziriae (rara). alt. 5000'–6500': 17 July 1851/29 July 1851, T.G. Orphanides 158 ([WU 0074496](#)).

Lectotype in G-BOIS according to Phitos (1997a: 160).

Arenaria fragillima Rech. f., Repert. Spec. Nov. Regni Veg. 47 (37–38): 49–50. 1939.

Current name: *Arenaria fragillima*

Syntype:—[Greece] In m. Ida Cretae rariss. 4000': 27 May 1846, T.H.H. von Heldreich 1553 ([WU 0074497](#)).

Carlström (1986) erroneously cited Dörfler 1212 as holotype, but according to the protologue Rechinger (1939a) lists five syntypes.

Arenaria graveolens var. *graeca* Boiss., Fl. orient. 1: 701. 1867.

Current name: *Arenaria filicaulis* subsp. *graeca*

Syntypes:—[Greece] Ad rupes umbrosas in reg. media m. Parnassi (Karkaria pr. Hag. Nikolaos) alt. 5000': 24 August 1856, T.H.H. von Heldreich 9 ([WU 0074591](#)).—[Greece] Ad rupes umbrosas in reg. media m. Parnassi (Karkaria pr. Hag. Nikolaos) alt. 5000': 24 August 1856, T.H.H. von Heldreich 9 ([WU 0074592](#)).—[Greece] In reg. inf. montes Ziriae, rara. Prope Trikala: 10 June 1851/22 June 1851, T.G. Orphanides 159 ([WU 0074498](#)).

Lectotype according to McNeill (1963: 270). However, McNeill (1963) listed several herbaria besides G without discrimination and there are at least two identical gatherings by Heldreich with no. 9 in G. Thus, all gatherings remain syntypes.

Arenaria guicciardii Heldr. ex Boiss., Diagn. pl. orient. sér. 2, 5: 60. 1856.

Current name: *Arenaria guicciardii*

Isolectotype:—[Greece] In m. Parnethis reg. super. versus cacumen. rar: 5 June 1857, T.H.H. von Heldreich 2909 ([WU 0074676](#)).

Lectotype in G-BOIS according to Phitos (1997a: 167).

Bufonia brachyphylla Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 94–95. 1849, *nom. illeg.: nom. superfl.* for *Moehringia stricta* Sm. in Sibthorp & Smith, Fl. Graec. Prodr. 1 (2): 264. 1809, a name cited in the protologue.

Current name: *Bufonia stricta* subsp. *stricta*

not type:—[Greece] in pascuis elatioribus montium Sphakioticorum Cretae: July 1846, T.H.H. von Heldreich 1613 ([WU 0074732](#)).

Bufonia brachyphylla var. *ceconiana* Bald., Malpighia 9: 64. 1895.

Current name: *Bufonia stricta* subsp. *ceconiana*

Isolectotype:—[Greece] Crete. In glareosis alpestribus m. Ida versus dicti Amari: 11 August 1893, A. Baldacci 175 ([WU 0074738](#)).

Lectotype in G according to Strid (1997a: 193).

Bufonia stricta var. *hymettia* Halácsy, Consp. Fl. Graec. 1 (2): 245. 1900.

Current name: *Bufonia stricta* subsp. *stricta*

Syntypes:—[Greece] in rupestribus m. Hymetti superiori, alt. 2800'–3200': July 1855, T.H.H. von Heldreich 414 ([WU 0074739](#)).—[Greece] Attica: in petrosis regionis super. m. Hymetti, ad cacumen usque, alt. 2800'–3200': 22 June – 15 July 1896, T.H.H. von Heldreich 1313 ([WU 0074740](#)).

Cerastium candidissimum Correns, Oesterr. Bot. Z. 59 (5): 171–180, figs. 1(A, B), 3(E–H). 1909.

Current name: *Cerastium candidissimum*

Isolectotype:—[Greece] Achaia, in regione superiori m. Kyllenes (nunc. Ziria), 5000'–6500': 22 June 1887, T.H.H. von Heldreich 911 ([WU 0073787](#)).

Syntypes:—[Greece] Euboea. Delphi, auf d. Gipfel: 28 July 1901, C. Leonis 32 ([WU 0073788](#)).—[Greece] In mte. Pateras pr. Eleusim: 4 May 1876, T. Pichler s.n. ([WU 0073789](#)).—[Greece] Achaia. M. Chelmos: 2 July 1899, C. Leonis 409 ([WU 0073790](#)).—[Greece] Achaia. In regione abietina mt. Panachaicon (Voidia hodie). Alt. 1300 m. Solo calcare: 5 June 1893, E. von Halácsy s.n. ([WU 0073791](#)).

Lectotype in W ([W 1962-0008807](#)) designated by Strid (1986c: 112).

Cerastium corcyrense Möschl, Repert. Spec. Nov. Regni Veg. 39: 374–375, tab. 206. 1936.

Current name: *Cerastium brachypetalum* subsp. *corcyrense*

Paratypes:—[Greece] Corfu: Pantokratorspitze, zw. Geröll. 914 m: 3 May 1896, C.G. Baenitz 9237 ([WU 0074336](#)).—[Greece] In cultis. ad paga Ljok et Koncikias, distr. Janina: 12 June 1896, A. Baldacci 12 ([WU 0074337](#)).

Cerastium crinitum Lonsing, Repert. Spec. Nov. Regni Veg. 46: 150. 1939.

Current name: *Cerastium illyricum* subsp. *crinitum*

Holotype:—[Greece] Acarmania: Romvo in mt. Ypsili Koryfi: 12 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 215 ([WU 0074342](#)).

Cerastium doerfleri Halácsy ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 1 (2): 210. 1924.

Current name: *Cerastium brachypetalum* subsp. *doerfleri*

Lectotype (**designated here**):—[Greece] Kreta. Hagios Vasilis. Kedros. Gipfelregion: 10 May 1904, I. Dörfler 926 ([WU 0074338](#)).

First-step lectotype designated by Lonsing (1939: 161). Lonsing had seen both the vouchers in the WU main collection and the WU-Halácsy-Graec. (which during this period were stored at the university), thus it remains unclear to which of the duplicates he refers. We here designate the voucher in the herbarium WU-Halácsy-Graec. ([WU 0074338](#)) as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

In the protologue Hayek (1924b) stated “*Hal.* in Sched”.

Cerastium grandiflorum var. *speciosum* Boiss., Fl. orient. 1: 727. 1867.

Current name: *Cerastium banaticum* subsp. *speciosum*

Possible type:—[Greece] In m. Veluchi (Tymphrestis Veterum) pascuis alpinis supra Canellia, alt. 6000': 30 July 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. Graec. Norm. 711] ([WU 0074239](#)), syntype for *Cerastium speciosum* var. *adenophorum* Halácsy (quod vide in Catalogue A).

See comment on *Cerastium speciosum* var. *adenophorum* Halácsy.

Cerastium laxum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 6: 25. 1846.

Current name: *Cerastium pedunculare*

Isolectotype:—[Greece] in umbros. m. Ithomes pr. muros antiquos: 19 May 1844, T.H.H. von Heldreich 178 ([WU 0074330](#)).

Lectotype in G-BOIS according to Strid (1997b: 207).

Cerastium pindigenum Lonsing, Repert. Spec. Nov. Regni Veg. 46: 164–165. 1939.

Current name: *Cerastium brachypetalum* subsp. *pindigenum*

Isolectotype:—[Greece] Kalampaka, in vineis: 20 May 1896, P.E.E. Sintenis 16 ([WU 0074339](#)).

Lectotype in LD according to Strid (1997b: 209).

Lonsing (1939) cited a holotype in “Herb. Mus. Berlin”, however this voucher is missing (pers. comm R. Vogt, B).

Cerastium speciosum var. *adenophorum* Halácsy, Consp. Fl. Graec. 1 (1): 221. 1900.

Current name: *Cerastium banaticum* subsp. *speciosum*

Syntype:—[Greece] In monte Korax Aetoliae adjectae. In regione alpina, ad summum cacumen usque, alt. 6000'–7680'. rar: 23 July 1879, T.H.H. von Heldreich s.n. ([WU 0074239](#)), possible type for *Cerastium grandiflorum* var. *speciosum* Boiss. (quod vide in Catalogue A).

Halácsy (1900a) included the name *Cerastium grandiflorum* var. *alpinum* Boiss. (Fl. orient. 1: 728. 1867) cited as synonym, which is an illegitimate name change of *C. arvense* var. *alpicolum* Fenzl ex Griseb. (Spic. fl. rumel. 1: 210. 1843). In the protologue Halácsy (1900a) most likely erroneously mixed a gathering by Heldreich from Olympus and one by Tuntas from Korax Aetoliae, as the above cited Heldreich voucher from Mt. Korax has a handwritten note by Halácsy on the label reading “adenophorum”.

The voucher bears two labels, one was mounted on the sheet providing the above cited information, and one was only enclosed but not attached giving Mt. Veluchi (Tymphresti Veterum) as locality, 30 July 1857 as date and Samaritani & Guicciardi as collectors. However, all three flowering specimens on the voucher show glandular pedicels, the character given for var. *adenophorum* (Halácsy 1900) and thus most likely belong to Heldreich’s gathering, the origin of the vegetative individual remains unclear.

Dianthus brachyzonus Borbás & Formánek in Formánek, Verh. Naturf. Vereins Brünn 35: 194. 1897.

Current name: ***Dianthus cruentus***

Syntype:—[Greece] M. Ghavellu in Thessalia: 3 August 1896, E. Formánek s.n. ([WU 0073695](#)).

Dianthus chalcidicus Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 707–708. 1898.

Current name: ***Dianthus corymbosus***

Lectotype (**designated here**):—[Greece] Peninsula Hagion Oros; grasige Lehnen bei Kerasia: 17 June 1891, P.E.E. Sintenis & J.F.N. Bornmüller 817 ([WU 0066696](#)).

First-step lectotype designated by Strid (1997c: 358). Though elsewhere discriminating between these two parts of the collection, Strid (1997) cited the herbarium WU main collection but annotated the voucher in WU-Halácsy-Graec. Following A. Strid (pers. comm.) we thus designate the latter voucher ([WU 0066696](#)) as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Dianthus cylleneus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 63. 1854.

Current name: ***Dianthus diffusus***

Isolectotype:—[Greece] In reg. super. m. Cyllenes Achaiae supra Trikala. alt. 5000’: July 18## [1848], T.H.H. von Heldreich s.n. ([WU 0073672](#)).

Lectotype in G-BOIS according to Strid (1997c: 360).

According to collecting dates of other Heldreich material in WU the correct collecting year should be 1848.

Dianthus degenii Bald., Nuovo Giorn. Bot. Ital., n.s. 6 (1): 27–28. 1899.

Current name: ***Dianthus deltoides* subsp. *degenii***

Lectotype:—[Greece] In herbidis alpinis, m. Smolika supra Kerasovo, distr. Konitza: 19 July 1896, A. Baldacci 216 ([WU 0073677](#)).

Lectotype designated by Strid (1997c: 351).

Dianthus diffusus* var. *dolopicus Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 707. 1898.

Current name: ***Dianthus viscidus***

Syntype:—[Greece] Sermeniko: in oropedio Neuropolis: 18 August 1896, P.E.E. Sintenis 1161 ([WU 0067281](#)).

Dianthus epirotus Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 708–709. 1898.

Current name: ***Dianthus armeria***

Lectotype:—[Greece] Epirus australis. In silvaticis prope pagum Kalentini ad septentrionem urbis Arta. Alt. 800 m: 7 July 1893, E. von Halácsy s.n. ([WU 0067282](#)).

Lectotype designated by Strid (1997c: 361).

Dianthus glandulosopubescens Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 706–707. 1898.

Current name: ***Dianthus diffusus***

Lectotype:—[Greece] In lapidosis schistosis montium Atticae, alt. 1000’–3000’. im m. Pateras: 8 June 1876, T.H.H. von Heldreich 121 ([WU 0073671](#)).

Lectotype designated by Strid (1997c: 360).

Dianthus gracilis var. *oetaeus* Boiss., Fl. orient. Suppl.: 80. 1888.

Current name: *Dianthus gracilis*

Isolectotype:—[Greece] In m. Oeta Phthiotidis. In regiona abietina superiori ad cacumen Hagios Elias, alt. 5500': 15 July 1879, T.H.H. von Heldreich s.n. (WU 0073656).

Lectotype in G-BOIS according to Strid (1997c: 353).

Dianthus haematocalyx var. *alpinus* Boiss., Diagn. pl. orient. sér. 2, 1: 66. 1854.

Current name: *Dianthus haematocalyx* subsp. *ventricosus* (Strid 1997c)

Syntype:—[Greece] Parnassi. In reg. alpina m. Olympi Thessal. ad cacumen: 30 July 1851, T.H.H. von Heldreich s.n. (WU 0073658).

Dianthus juniperinus subsp. *heldreichii* Greuter, Candollea 20: 187–189, fig. 6. 1965.

Current name: *Dianthus juniperinus* subsp. *heldreichii*

Isotype:—[Greece] In faucibus montium Sphacioticorum Cretae, pr. Sphakia: July 1846, T.H.H. von Heldreich s.n. (WU 0073774).

Holotype in G (Greuter 1965).

Dianthus lateritius Halácsy, Consp. Fl. Graec. 1 (1): 213. 1900.

Current name: *Dianthus cruentus*

Syntype:—[Greece] m. Konitza sub. Papington (Vradeton): 14 July 1896, A. Baldacci 160 (WU 0073703).

Dianthus lilacinus var. *androsaceus* Boiss. & Heldr. in Boissier, Fl. orient. Suppl.: 81. 1888.

Current name: *Dianthus androsaceus*

Isolectotypes:—[Greece] Morea: in mte. Kyllene: July 1876, T. Pichler s.n. (WU 0073696, WU 0073697), authentic specimens for *Dianthus lilacinus* var. *alpinus* Heldr. (quod vide in Catalogue C).

Lectotype in G-BOIS according to Strid (1986e: 196).

Dianthus mercurii Heldr., Atti Congr. Int. Bot. Firenze: 237. 1876.

Current name: *Dianthus mercurii*

Syntype:—[Greece] In reg. infer. m. Kyllenes Achaiae, pr. Trikala: August 1870, T.H.H. von Heldreich s.n. (WU 0045461).

Dianthus minutiflorus Halácsy, Consp. Fl. Graec. 1 (1): 216. 1900.

Current name: *Dianthus integer* subsp. *minutiflorus*

Syntypes:—[Greece] in monte Ziria (Cyllene Vet.) rarus. 5500'–7000': 7 July 1851/19 July 1851, T.G. Orphanides 175 (WU 0073741).—[Greece] Epirus boreali-orientalis. In graminosis cacuminis mt. Peristeri. Alt. 2196 m. Solo calcareo: 17 July 1893, E. von Halácsy s.n. (WU 0073742).—[Greece] Epirus orientalis. In herbis regionis alpinae mt. Strungula supra pagum Melisurgi. Alt. 1800 m. Solo calcareo: 10 July 1893, E. von Halácsy s.n. (WU 0073743).—[Greece] m. Konitza sub Papington (Vradeton) et in m. Smolika. In herbis: 14–18 July 1896, A. Baldacci 217 (WU 0073744).—[Greece] Epirus orientalis. In herbis regionis alpinae mt. Tsumerka supra pagum Theodoriana. Alt. 2300 m. solo calcareo: 9 July 1893, E. von Halácsy s.n. (WU 0073745).—[Greece] Doris: in regione alpina mt. Kionae, alt. 7000': 12 July 1888, E. von Halácsy s.n. (WU 0073746).

Dianthus pindicola Vierh., Verh. K. K. Zool.-Bot. Ges. Wien 47: 31–32. 1897.

Current name: *Dianthus haematocalyx* subsp. *pindicola*

Isolectotype:—[Greece] In saxosis alpinus. Leg. et Flor: m. Smolika distr. Konitza: 18–19 July 1896, A. Baldacci 218 (WU 0073661).

Lectotype in WU (WU 0066685) according to Strid (1986: 189).

Dianthus pruinosus Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 28. 1859.

Current name: *Dianthus haematocalyx* subsp. *pruinus*

Syntype:—[Greece] ad radices montis Pelii prope Volos (rare): 30 June 1857/12 July 1857, T.G. Orphanides 915 (WU 0073657).

Dianthus samaritanii Heldr. ex Halácsy, Consp. Fl. Graec. 1 (1): 213. 1900.

Current name: *Dianthus biflorus*

Lectotype:—[Greece] In pascuis reg. super. m. Veluchi, Tymphresti veterum alt. 5000'. (ad Megarheuma): 30 July 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. Graec. Norm. 715] ([WU 0073712](#)).

Syntype:—[Greece] m. Zalongos (distr. Prevesa - pl. gracilior) et m. Murga supra fontem Flamburis ad Juli. Distr. Paramythia: 26 June – 6 July 1895, A. Baldacci 17 ([WU 0073713](#)).

Lectotype designated by Strid (1997c: 357).

Dianthus serratifolius var. *abbreviatus* Heldr. ex Halácsy, Consp. Fl. Graec. 1 (1): 217. 1900.

Current name: *Dianthus serratifolius* subsp. *abbreviatus*

Syntype:—[Greece] Plantae in m. Taygeto Laconiae curante H. Zahn collectae. reg. alp. l. d. Lakkomata: August 1897, K.H. Zahn s.n. ([WU 0073755](#)).

Dianthus sibthorpii Vierh., Verh. K. K. Zool.-Bot. Ges. Wien 47: 33. 1897.

Current name: *Dianthus haematocalyx* subsp. *ventricosus* (Strid 1997c)

Isolectotype:—[Greece] In regione media et superiori montis Parnassi prope Trypios Vrachos et Arnobryssi (rarus); alt. 5000–7000': 13 July 1854/25 July 1854, T.G. Orphanides 461 ([WU 0073691](#)).

Syntypes:—[Greece] Kiona bis zu 2512 m: 14 July 1894, O. Reiser s.n. ([WU 0073693](#)).—[Greece] Doris: in saxosis regionis alpinae mt. Kionae, alt. 6000': 13 July 1888, E. von Halácsy s.n. ([WU 0073694](#)).—[Greece] In m. Parnassi rupestribus ad summa juga. alt. 7000': August 1855, J. Guicciardi s.n. [Herb. Graec. Norm. 337] ([WU 0073692](#)).

Lectotype in G-BOIS according to Strid (1986e: 189).

Dianthus sphacioticus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 70. 1849.

Current name: *Dianthus sphacioticus*

Isolectotype:—[Greece] In summis recutitus Sphacioticus cacumine Hagiou Pnevma. 6000' circa: 19 July 1846, T.H.H. von Heldreich 1642 ([WU 0073754](#)).

Lectotype in G-BOIS according to Strid (1997c: 352).

Dianthus stenopetalus var. *brachycaulis* Halácsy, Consp. Fl. Graec. 1 (1): 210. 1900.

Current name: *Dianthus stenopetalus*

Lectotype:—[Greece] M. Korax Aetoliae adjectae: 29 May 1899, C. Leonis 271 ([WU 0073685](#)).

Lectotype designated by Strid (1997c: 371).

Dianthus stenopetalus var. *scabrifolius* Halácsy, Consp. Fl. Graec. 1 (1): 210. 1900.

Current name: *Dianthus stenopetalus*

Lectotype:—[Greece] Laconia orientalis (i. e. Cynuria): in reg. alpina m. Malevô, alt. 6000': 5 July 1896, C. Leonis 1311 ([WU 0073690](#)), authentic specimen for *Dianthus pichleri* Heldr. ex Halácsy (quod vide in Catalogue B).

Lectotype designated by Strid (1997c: 371).

Dianthus stribrnyi Velen., Sitzungsber. Königl. Böhm. Ges. Wiss. Prag, Math.-Naturwiss. Cl. 1893 (37): 15–16. 1894.

Current name: *Dianthus stribrnyi* (FHD)

Syntype:—[Bulgaria] In graminosis ad Dermendere: June 1893, V. Stříbrný s.n. ([WU 0066672](#)).

Dianthus xylorrhizus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 67. 1849.

Current name: *Dianthus xylorrhizus*

Isolectotype:—[Greece] Cretae. In rupibus Palaeo Kastron supra Kissamos: 17 June 1846, T.H.H. von Heldreich 1572 ([WU 0073714](#)).

Lectotype in G-BOIS according to Strid (1997c: 346).

Gypsophila fasciculata var. *laconica* Boiss., Fl. orient. 1: 556. 1867.

Current name: *Bolanthus laconicus*

Isolectotype:—[Greece] In regione media montis Malevo Laconiae (Παρών Veter.) prope Vromopigadon (rara). alt. 4000': 7 July 1850/19 July 1850, T.G. Orphanides 1 (WU 0073639).

Lectotype in G-BOIS according to Phitos (1981: 36 and 1997b: 326).

Gypsophila nana var. *glabrifolia* Halácsy, Consp. Fl. Graec. suppl. 1: 18. 1908.

Current name: *Gypsophila nana*

Lectotype:—[Greece] Mons Ghiona: ad rupes calcareas loco dicto Platyolithos - 1400–1500 m: 24 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1425 (WU 0073642).

Lectotype designated by Livaniou-Tiniakou (1997: 324).

Lychnis flos-cuculi subsp. *subintegra* Hayek, Oesterr. Bot. Z. 70 (1–2): 14. 1921.

Current name: *Silene subintegra*

Isolectotype:—[Greece] Pindus tymphaeus: Said-Pascha, in pratis humidis: 9 July 1896, P.E.E. Sintenis 814 (WU 0106367).

Lectotype in WU (WU 0073620) according to Greuter (1997: 284).

Minuartia stellata subsp. *pseudosaxifraga* Mattf., Repert. Spec. Nov. Regni Veg. Beih. 15: 136. 1922.

Current name: *Minuartia pseudosaxifraga*

Syntype:—[Greece] In rupestribus m. Papington, Gamila (Vradeton) distr. Zagorion: 13–25 July 1896, A. Baldacci 161 (WU 0074784).

Kamari (1997) stated that the voucher in B was destroyed.

Minuartia wettsteinii Mattf., Bot. Jahrb. Syst. 57 (Beibl. 127): 62. 1922.

Current name: *Minuartia wettsteinii*

Holotype:—[Greece] Griechenland, Kreta, Distr. Hierapetra. In Felsritzen in der Gipfelregion des Aphendi Kavusi, ca. 1400 m: 2 August 1904, I. Dörfler 1048 (WU 0059781), authentic specimen for *Alsine wettsteinii* Dörfl. (quod vide in Catalogue B).

Mattfeld cited the material in the herbarium B as basis for the publication, however he annotated the specimen in WU-Halácsy-Graec. as “Typus!”.

Sagina saginoides var. *adenophora* Halácsy, Consp. Fl. Graec. 1 (2): 248. 1900.

Current name: *Sagina alexandrae* (FHD)

Syntypes:—[Greece] In m. Pelio: reg. super. 4500': 25 July 1882, T.H.H. von Heldreich 17 (WU 0074742).—[Greece] In humidissimis alpinis m. Smolika distr. Konitza: 19 July 1896, A. Baldacci 226 (WU 0074743).

Saponaria aenesia Heldr., Atti Congr. Int. Bot. Firenze: 238. 1876.

Current name: *Saponaria aenesia*

Isolectotype:—[Greece] Mons Aenos, Monte nero hod. Cephaloniae, in reg. abietina alt. 3500–5500': 9 May 1861, T.H.H. von Heldreich 3577 (WU 0073627).

Lectotype in G according to Phitos (1997c: 331).

Saponaria calabrica var. *boissieriana* Heldr., Herb. Graec. Norm.: No. 1517, cum diagn. 1900.

Current name: *Saponaria calabrica*

Syntype:—[Greece] Laconia borealis: in districtus Alagonia m. Splithara prope Megali-Anastasova: 23 May 1900, K.H. Zahn s.n. [Herb. Graec. Norm. 1517] (WU 0073628).

Silene ammophila Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 82. 1849.

Current name: *Silene ammophila*

Isolectotype:—[Greece] In arenos. marit. Cretae pr. Pilalimmata et in Gaïdouronisi: May 1846, T.H.H. von Heldreich s.n. (WU 0073397).

Lectotype in G-BOIS according to Greuter & Pirker (1997: 319). Type of the infrageneric names *Silene* [unranked] *Ammophilae* Boiss., Fl. Orient. 1: 568. 1867. ≡ *Pleconax* sect. *Ammophilae* (Boiss.) Ikonn., Novosti Sist. Vyssh. Rast. 14: 77. 1977.

Silene attica Formáněk, Deutsche Bot. Monatsschr. 16: 80–81. 1898.

Current name: *Silene longipetala*

Isolectotype:—[Greece] Kalithea bei Athen: 15 April 1897, C. Leonis s.n. ([WU 0073581](#)).

Lectotype in BRNM according to Greuter (1997: 260).

Silene barbeyana Heldr. ex Boiss., Fl. orient. Suppl.: 107. 1888.

Current name: *Silene barbeyana*

Lectotype:—[Greece] In monte Korax Aetioliae adjectae. In regione alpina, ad summum cacumen usque, alt. 6000'–7680'. raris. ad rupes in reg. nivali: 23 July 1879, T.H.H. von Heldreich s.n. ([WU 0073524](#)).

Lectotype designated by Greuter (1986: 162). Type of the name *Silene sect. Barbeyanae* Greuter, Taxon 44: 568. 1995.

Silene caesia var. *pindica* Halácsy, Consp. Fl. Graec. 1 (1): 159. 1900.

Current name: *Silene caesia*

Lectotype:—[Greece] Epirus orientalis: in lapidosis calcareis regionis alpinae inferioris mt. Tsumerka supra pagum Vulgarelion, alt. 1500 m: 8 July 1893, E. von Halácsy s.n. ([WU 0040149](#)).

Syntype:—[Greece] Agrapha (Dolopia veterum): in regione superiore Pindi summi montis Karáva, alt. 5500–6500', substratu schistoso: 1–3 July 1885, T.H.H. von Heldreich s.n. ([WU 0040150](#)).

Lectotype designated by Melzheimer (1980: 179).

Silene cephalenia Heldr., Fl. Céphalonie: 26. 1882.

Current name: *Silene cephalenia* subsp. *cephallenia*

Isolectotype:—[Greece] Cephalenia: ad rupes in faucibus Steno prope Poros ad orientem insulae: 8 August 1872, T.H.H. von Heldreich 2144 ([WU 0076366](#)).

Lectotype in G-BOIS according to Greuter (1997: 279).

Silene cephalenia subsp. *epirotica* Melzh., Bot. Jahrb. Syst. 98 (1): 51–52. 1977.

Current name: *Silene cephalenia* subsp. *epirotica*

Holotype:—[Macedoni] Ad coenobium m. Zalongos distr. Prevesa: 26 June 1895, A. Baldacci 19 ([WU 0034354](#)).

Paratype:—[Greece] Acarnania: ad rupes calcareas pr. Mytikas, in faucibus “Τζωσσεες”: 11 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 335 ([WU 0034355](#)).

Silene chromodonta Boiss. & Reut. in Boissier, Diagn. pl. orient. sér. 2, 1: 71. 1854.

Current name: *Heliosperma pusillum* subsp. *chromodontum*

Isolectotype:—[Greece] In m. Olympi Thessaliae regione nivali: 24 July 1851, T.H.H. von Heldreich 2416 ([WU 0073383](#)).

Lectotype in G-BOIS according to Greuter (1997: 294).

Silene conglomeratica Melzh., Willdenowia 13: 123–127, figs. 1, 2. 1983.

Current name: *Silene conglomeratica*

Lectotype (**designated here**):—[Greece] Arcadia: in rupestribus calcareis regionis abietinae prope coenobium Megaspilaeon, alt. 800–900 m: 16 June 1893, E. von Halácsy s.n. ([WU 0073521](#)), lectotype for *Silene saxifraga* var. *coenobitarum* Hayek (quod vide in Catalogue A).

Isolectotype:—[Greece] Arcadia: in rupestribus calcareis regionis abietinae prope coenobium Megaspilaeon, alt. 800–900 m: 16 June 1893, E. von Halácsy s.n. ([WU 0073520](#)), isolectotype for *Silene saxifraga* var. *coenobitarum* Hayek (quod vide in Catalogue A).

Melzheimer (1983) indicated a gathering consisting of the two above cited sheets with identical labels in the WU-Halácsy-Graec.; handwritten annotations by Greuter in 1995 indicate one voucher ([WU 0073521](#)) as holotype for *Silene conglomeratica* Melzh. and isotype for *Silene saxifraga* var. *coenobitarum* Hayek and the other voucher ([WU 0073520](#)) as holotype for *Silene saxifraga* var. *coenobitarum* Hayek and isotype for *Silene conglomeratica* Melzh. In contrast to Greuter's annotation Đurović *et al.* (2018: 209) indicate the latter voucher ([WU 0073520](#)) as holotype for both taxa. As none of this applies as typification we here designate the better preserved voucher ([WU 0073521](#)) among the two vouchers with identical labels in the herbarium WU-Halácsy-Graec. as lectotype for *Silene conglomeratica* Melzh. and *Silene saxifraga* var. *coenobitarum* Hayek.

Silene echinosperma Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 78. 1849.

Current name: *Silene echinosperma*

Isolectotype:—[Greece] In rupestribus umbrosis m. Taygeti pr. Mistra: 16 June 1844, T.H.H. von Heldreich s.n. (WU 0073525).

Lectotype in G-BOIS according to Oxelman (1997: 296).

Silene fabarioides Hausskn. in Nyman, Consp. Fl. Eur. Suppl. 2 (1): 51. 1889.

Current name: *Silene fabarioides*

Syntype:—[Greece] Pindus Tymphaeus: in summi montis Zygós supra Metzovô regione silvatica, alt. 4500–5000', substratu silicico-serpentino: 19–20 July 1885, T.H.H. von Heldreich s.n. (WU 0073479).

Haussknecht (1893a) stated that during his fieldtrip 1885 he was traveling together with Heldreich and thus indirectly cited Heldreich's voucher, which also has the same label as Haussknecht's vouchers.

Silene genistifolia Halácsy, Oesterr. Bot. Z. 42 (10): 369. 1892.

Current name: *Silene multicaulis* subsp. *sporadum*

Lectotype (**designated here**):—[Greece] Peninsula Hagion Oros. Mt. Athos. Triften zw. Krio Nero u. Stratidochi. 1400 mt: 2 July 1891, P.E.E. Sintenis & J.F.N. Bornmüller 943 (WU 0073454).

First-step lectotype designated by Greuter (1997: 290). Though elsewhere discriminating between these two parts of the collection, Greuter (1997) cited the voucher in the herbarium WU main collection but noted "Holotypus" on that one in WU-Halácsy-Graec. and "Isotypus" on the one in the main collection. Accordingly we here designate the voucher (WU 0073454) in the herbarium WU-Halácsy-Graec. as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Silene guicciardii Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 32. 1859.

Current name: *Silene guicciardii*

Isolectotype:—[Greece] In rupestribus m. Parnassi, versus collem Leucocastron supra Livadi, alt. 3500': 5 July 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. Graec. Norm. 687] (WU 0073585).

Lectotype in G-BOIS according to Greuter (1997: 259) and to Trigas *et al.* (2017: 282).

Silene haussknechtii Heldr. ex Hausskn., Mitth. Thüring. Bot. Vereins 5: 51. 1893.

Current name: *Silene haussknechtii*

Isolectotype:—[Greece] Pindus Tymphaeus: in summi montis Zygós supra Metzovô regione silvatica, alt. 4500–5000', substratu silicico-serpentino: 19–20 July 1885, T.H.H. von Heldreich s.n. (WU 0073535).

Lectotype in JE (JE 00016183) designated by Oxelman (1995: 160–161).

Silene holzmannii Heldr. ex Boiss., Fl. orient. Suppl.: 91. 1888.

Current name: *Silene holzmannii*

Isolectotype:—[Greece] Flora Attica: in Pharmacusarum scopelo "Arpedoni", in freto Salaminio: 6 May 1877, T.H.H. von Heldreich & T. Holzmann 81 (WU 0073536).

Lectotype in G-BOIS according to Greuter (1997: 306).

Silene ionica Halácsy, Consp. Fl. Graec. 1 (1): 158. 1900.

Current name: *Silene ionica*

Syntype:—[Greece] In glareosis prope S. Gerasimo Cephaloniae: June 1895, K. Grimus Ritter von Grimburg s.n. (WU 0064325).

Silene italica var. *cythnia* Halácsy, Consp. Fl. Graec. 1 (1): 184. 1900.

Current name: *Silene cythnia*

Lectotype:—[Greece] In insula Cythno (Cycladum): 18 May 1892, B. Tuntas s.n. (WU 0038566).

Lectotype designated by Greuter (1997: 256).

Silene italica var. *suffruticulosa* Halácsy, Consp. Fl. Graec. 1 (1): 184. 1900.

Current name: *Silene italica*

Lectotype:—[Greece] In monte Aenos: June 1895, K. Grimus Ritter von Grimburg s.n. (WU 0038565).

Lectotype designated by Greuter (1997: 254).

Silene laconica Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 34. 1859.

Current name: *Silene laconica*

Isolectotype:—[Greece] Legi in monte Malevo Laconiae supra Platanos: 4 May 1857, T.G. Orphanides s.n. ([WU 0073533](#)).

Lectotype in G-BOIS according to Oxelman (1997: 300), citing two dates (22 Apr./4 May 1857), which do not correspond to a time span but to the Julian and the Gregorian calendar.

Silene linifolia var. *sporadum* Halácsy, Consp. Fl. Graec. 1 (1): 183. 1900.

Current name: *Silene multicaulis* subsp. *sporadum*

Lectotype:—[Greece] Insula Jura (Gyaros veterum): 25 May – 9 June 1896, C. Leonis s.n. ([WU 0073459](#)).

Lectotype designated by Greuter (1997: 290).

Silene megalosperma Sartori ex Heldr., Herb. Graec. Norm.: No. 1215. 1895, *nom. nov.* pro: *Silene inflata* var. *microphylla* Boiss. Fl. orient. 1: 629. 1867.

Current name: *Silene vulgaris* subsp. *megalosperma*

Syntype:—[Greece] Attica: in lapidosis Karyá m. Hymetti, alt. 2000': 16 May 1894, T.H.H. von Heldreich 1215 ([WU 0073385](#)).

The name *Silene megalosperma* Sartori appears in printed labels of Heldreich's Herbarium Graecum normale. The name is validated by the synonymy.

Silene oligantha var. *stenophylla* Boiss., Diagn. pl. orient. sér. 2, 1: 75. 1854.

Current name: *Silene radicata* (Greuter 1997)

Isolectotype:—[Greece] In monte Parnasso. reg. abietin: 3 August 1852, T.H.H. von Heldreich 2659 ([WU 0041534](#)).

Lectotype in G-BOIS according to Greuter (1997: 261).

Silene orphanidis Boiss., Fl. orient. 1: 651. 1867.

Current name: *Silene orphanidis*

Isolectotype:—[Greece] in reg. super. m. Athus, 6200': 18 August 1862/30 August 1862, T.G. Orphanides 348/1025 ([WU 0073462](#)).

Lectotype in G-BOIS according to Greuter (1995b: 129).

Silene othryana Formánek, Verh. Naturf. Vereins Brünn 35: 195. 1897.

Current name: *Silene bupleuroides* subsp. *staticifolia*

Lectotype:—[Greece] M. Pirgo in mon Othrys Thessaliae: August 1896, E. Formánek s.n. ([WU 0038567](#)).

Lectotype designated by Greuter (1997: 265).

Silene pindicola Hausskn., Mitt. Geogr. Ges. (Thüringen) Jena 5 (3, Bot. Ver. Gesamtthür.): 85. 1887c.

Current name: *Silene parnassica* subsp. *pindicola*

Isolectotype:—[Greece] Pindus Tymphaeus: in summo montis Zygos (Lakmon veter.) supra Metzovo, alt. 4500–5000', substratu silicico-serpentino: July 1885, H.K. Haussknecht s.n. ([WU 0073460](#)).

First-step lectotype in JE ([JE 00016082](#), [JE 00016083](#), [JE 00016084](#), [JE 00016085](#)) designated by Greuter (1995b: 129).

Silene pinetorum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 75–76. 1849.

Current name: *Silene pinetorum* subsp. *pinetorum*

Isolectotype:—[Greece] Cretae orientalis, in pinetis montis Tavoutsi [sic!]: April 1846, T.H.H. von Heldreich s.n. ([WU 0073534](#)).

Lectotype in G-BOIS according to Greuter (1995b: 134).

Silene rigidula f. *major* Hausskn., Mitth. Thüring. Bot. Vereins 5: 52. 1893.

Current name: *Silene corinthiaca*

Syntypes:—([WU 0073531](#), [WU 0073532](#)), authentic specimens for *Silene methanaea* Heldr. & Hausskn. (quod vide in Catalogue B).

Silene roeseri Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 77. 1854.

Current name: *Silene ciliata* subsp. *graefferi*

Isolectotype:—[Greece] In pascuis reg. alpinae m. Olympi Thessaliae: 31 July 1851, T.H.H. von Heldreich 2418 (WU 0073401).

Lectotype in G-BOIS according to Greuter (1997: 312).

Silene sartorii Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 5: 53–54. 1856.

Current name: *Silene sartorii*

Isolectotype:—[Greece] in Cycladum ins. Teno in sabulos. marit: May 1851, J. Sartori s.n. (WU 0073399).

Lectotype in G-BOIS according to Greuter & Pirker (1997: 320).

Silene saxifraga var. *coenobitarum* Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 1 (2): 269. 1924.

Current name: *Silene conglomeratica* (Greuter 1997)

Lectotype (**designated here**):—(WU 0073520), lectotype for *Silene conglomeratica* Melzh. (quod vide in Catalogue A).

Isolectotype:—(WU 0073521), isolectotype for *Silene conglomeratica* Melzh. (quod vide in Catalogue A).

For lectotypification see *Silene conglomeratica* Melzh.

Silene schwarzenbergeri Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 472. 1894.

Current name: *Silene schwarzenbergeri*

Lectotype:—[Greece] Thessalia boreali-occidentalis. In rupestribus mt. Oxya supra pagum Chaliki rarissime. Alt. 1500 m. Solo schistoso: 19 July 1893, E. von Halácsy s.n. (WU 0066667).

Lectotype designated by Greuter (1997: 263).

Silene taygetea Halácsy ex Vierh., Mitt. Naturwiss. Vereins Univ. Wien 4: 55. 1906.

Current name: *Silene taygetea*

Lectotype:—[Greece] Laconia: in regione alpina m. Taygeti, ad rupes (Megala Zonaria, Kukochioni etc.): July 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1512] (WU 0073489).

Lectotype designated by Greuter (1997: 285).

Silene tempskyana Freyn & Sint. in Freyn, Bull. Herb. Boissier 5 (7): 584–585. 1897.

Current name: *Silene subconica*

Isolectotype:—[Greece] Kalampaka, in vineis: 4 May 1896, P.E.E. Sintenis 23 (WU 0073398).

Lectotype in BRNM according to Greuter & Pirker (1997: 321).

Silene thebana Orph. ex Boiss., Fl. orient. 1: 627. 1867.

Current name: *Silene fabaria*

Isolectotype:—[Greece] Legi prope Thebas 16 Mai 1861 (planta rarissima!): 16 May 1861, T.G. Orphanides 335 (WU 0066488).

Lectotype in G-BOIS according to Greuter (1997: 271).

Silene tymphaea Formánek, Verh. Naturf. Vereins Brünn 34: 339. 1896.

Current name: *Silene schwarzenbergeri* (FHD)

Syntype:—[Greece] Dokimi in Pindo: 5 August 1895, E. Formánek s.n. (WU 0043895).

Silene venosa var. *pubigera* Halácsy, Consp. Fl. Graec. 1 (1): 160. 1900.

Current name: *Silene vulgaris* subsp. *prostrata* (FHD)

Lectotype:—[Greece] In m. Oeta Phthiotidis. In saxosis prope summum cacumen Kreveno, alt. 6000'–6565': 10 July 1879, T.H.H. von Heldreich s.n. (WU 0073488).

Lectotype designated by Greuter (1997: 275).

Stellaria media var. *macropetala* Halácsy, Consp. Fl. Graec. 1 (2): 229. 1900.

Current name: *Stellaria cupaniana* (as identified by W. Gutermann)

Syntypes:—[Greece] Fl. Corcyrensis: Kastrades (Corfù); an Strassengraben bei Monrepos. 10 m: 7 April 1896, C.G. Baenitz 9350/213 (WU 0076367).—[Greece] Prope urbem: February 1890, B. de Sagburg s.n. (WU 0076368).—[Greece] Prope urbem: April 1890, B. de Sagburg s.n. (WU 0076369).

Tunica phthiotica Boiss. & Heldr. in Boissier, Fl. orient. Suppl.: 82–83. 1888.

Current name: ***Petrorhagia phthiotica***

Isolectotype:—[Greece] m. Oeta: Tannenregion, in faucibus Ruphià, 4500': 14 July 1879, T.H.H. von Heldreich s.n. (WU 0073648).

Lectotype in G-BOIS according to Strid (1986d: 175–176).

Cistaceae

Fumana bonapartei Maire & Petitm., Matér. Étude Fl. Géogr. Bot. Orient (4): 37. 1908.

Current name: ***Fumana bonapartei***

Isotype:—[Greece] Thessalia: mons. Zygos in pineti prope Saïd-Pacha, 1200 m. Schist: 13 September 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1752 (WU 0074848).

Holotype in NCY (Maire & Petitmengin 1908).

Helianthemum hymettium Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 52. 1854.

Current name: ***Helianthemum hymettium***

Syntype:—[Greece] In monte Hymetto (merid) rara; alt. 2000': 3 May 1849/15 May 1849, T.G. Orphanides 31 (WU 0076332).

Helianthemum oelandicum* var. *thessalum Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 23. 1859.

Current name: ***Helianthemum oelandicum***

Syntype:—[Greece] In regione superiori montis Olympi Thessaliae (rarissa). Alt 8500': 19 July 1857/31 July 1857, T.G. Orphanides 874 (WU 0076329).

Cleomaceae

Cleome macedonica Heldr. ex Nadji, Empire Ottoman; Géogr. bot.: 11. 1892.

Current name: ***Cleome aurea***

Syntype:—[Greece] Macedonia, in petrosis ad Taschlek prope Thessalonicam: 20 September 1891, L. Charrel 1115 (WU 0076317).

Nadji [Charrel] (1892) states that if no locality is indicated, the material collected can be found in an area within one walking hour from Thessaloniki (as Salonique).

Colchicaceae

Colchicum amabile Heldr., Atti Congr. Int. Bot. Firenze: 227–228. 1876.

Current name: ***Colchicum bivonae***

Isolectotype:—[Greece] In m. Xirobuni Euboeae cacumine, alt. 4800': 5 August 1858, T.H.H. von Heldreich 764 (WU 0044863).

Lectotype in G according to Persson (1998: 416).

Colchicum boissieri Orph., Atti Congr. Int. Bot. Firenze: 30–31. 1876.

Current name: ***Colchicum boissieri***

Syntype:—[Greece] Laconia: in regione media m. Taygeti, probabiliter in declivibus occidentalibus prope pagum Gaiza, alt. 3500–4000' detexit div. Elias Psarides a 1868: September – October 1871, E. Psarides s.n. (WU 0044812).

Colchicum catacuzenium Heldr. ex Stef., Sborn. Bālg. Akad. Nauk, Klon Prir.-Mat. 22: 38–39. 1926.

Current name: *Colchicum triphyllum*

Isolectotype:—[Greece] In reg. abietina m. Parnassi, Leucocastron supra Livadi, 3500': 24 March 1857, J. Guicciardi s.n. [Herb. Graec. Norm. 628] ([WU 0044817](#)).

Syntype:—[Greece] in regione abietina m. Parnethis, 4000': 12 May 1896, T.H.H. von Heldreich 1389 ([WU 0044819](#)).

Lectotype in G according to Persson (2007: 223).

Colchicum confusum K. Perss., Pl. Syst. Evol. 217 (1–2): 60–63, figs. 2, 3a, 5a, b, 6d. 1999.

Current name: *Colchicum confusum*

Paratype:—[Greece] Agrapha (Dolopia veterum): in oropedio Neuropolis reg. infer. Pindi, alt. 3500': 29 June 1885, T.H.H. von Heldreich s.n. ([WU 0044857](#)).

Colchicum glossophyllum Heldr., Herb. Graec. Norm.: No. 1496bis, cum diagn. 1900.

Current name: *Colchicum cupani* subsp. *glossophyllum*

Lectotype (**designated here**):—[Greece] Messenia: in collibus circa coenobium Velanià secus vallem Nedontis haud procul a Kalamata: 13–28 December 1897, K.H. Zahn s.n. [Herb. Graec. Norm. 1496] ([WU 0044822](#)).

Syntypes:—[Greece] In Messenia prope coenobium Velanià et prope Thurium: November 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1496bis] ([WU 0044820](#)).—[Greece] Messenia: in valle Nedontis ad coenob Velanidia: 4 November 1898, K.H. Zahn s.n. [Herb. Graec. Norm. 1496] ([WU 0044821](#)).

First-step lectotype designated by Persson (2007: 183), but it remains unclear if this refers to the voucher in the WU main collection ([WU 0073708](#)) or WU-Halácsy-Graec. We thus designate the voucher in Halácsy's collection ([WU 0044822](#)), indicated as "Isotype" by K. Persson in 2013, as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Colchicum graecum K. Perss., Willdenowia 18 (1): 34–40, figs. 2c, d, 3–5. 1988.

Current name: *Colchicum graecum*

Paratype:—[Greece] Plantae in m. Taygeto Laconiae: August 1897, K.H. Zahn s.n. ([WU 0044856](#)).

Colchicum latifolium var. *euboeum* Boiss., Fl. orient. 5 (1): 159. 1882.

Current name: *Colchicum euboeum*

Syntype:—[Greece] in monte Candyli Euboeae alt. 3000': 24 July 1871/5 August 1871, T.G. Orphanides 631 ([WU 0068238](#)).

Colchicum parnassicum Sartori, Orph. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 122. 1859.

Current name: *Colchicum parnassicum*

Isolectotypes:—[Greece] Legi prope Arnovryssi Parnassi, alt. 6500': August 18##, T.G. Orphanides 2548/465 ([WU 0044851](#)).—[Greece] In reg. superiori montis Parnassi prope Arnovrysi. 5000'–7000': 15 July 1854/27 July 1854, T.G. Orphanides 465 ([WU 0044852](#)).

Syntypes—[Greece] In m. Parnassi reg. media: August 1855, J. Guicciardi s.n. [Herb. Graec. Norm. 331] ([WU 0044855](#)).—[Greece] In regione abietina m. Parnassi, alt. 3000'–5000': August 1856, unclear 331 ([WU 0068026](#)) [This voucher was databased in 2013, but lacks a photograph and could not be traced in the herbarium WU].

Lectotype in G-BOIS according to Persson (1988: 40).

Colchicum psaridis Heldr. ex Halácsy, Consp. Fl. Graec. 3 (1): 274. 1904.

Current name: *Colchicum zahnii*

Isolectotype:—[Greece] Laconia: in m. Taygeto, loco non notato, sed probaliter haud procul ab loco natali Colchici Boissieri Orph: September 1870, E. Psarides s.n. ([WU 0044816](#)).

Syntype:—[Greece] prope Kalamata Messeniae: November 1895, K.H. Zahn s.n. ([WU 0044815](#)).

Lectotype in W ([W 0124089](#)) designated by Persson in Tan & Iatrou (2001: 408).

Colchicum pusillum Sieber, Flora 5 (16): 248. 1822.

Current name: *Colchicum pusillum*

Syntype:—[Greece] Creta: s.d., F.W. Sieber s.n. ([WU 0044837](#)).

Colchicum tuntasium Heldr., Bull. Herb. Boissier 6 (5): 395. 1898.

Current name: *Colchicum bivonae*

Syntype:—[Greece] Ins. Aegina: prope Coenobium: 6 November 1897, B. Tuntas s.n. ([WU 0063472](#)).

Colchicum zahnii Heldr., Herb. Graec. Norm.: No. 1586, *cum diagn.* 1900.

Current name: *Colchicum zahnii*

Isolectotypes:—[Greece] Messenia, in valle Nedontis inter Kalamata et Alagonia in variis locis, nec non in Laconia prope Sotorianika: November 1898 – December 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1586] ([WU 0044813](#)).—[Greece] Messenia, in valle Nedontis supra Kalamata: 28 October 1898, K.H. Zahn s.n. [Herb. Graec. Norm. 15..] ([WU 0044814](#)).

Lectotype in W ([W 0124092](#)) designated by Persson (2007: 211–212).

Convolvulaceae

Convolvulus dorycnium var. *tuntasius* Heldr. ex Halácsy, Consp. Fl. Graec. suppl. 1: 74. 1908.

Current name: *Convolvulus dorycnium*

Syntypes:—[Greece] Flora Cycladum: in insula Tenos: 23 June 1901, B. Tuntas s.n. ([WU 0079063](#), [WU 0079064](#)).

Convolvulus mairei Halácsy in Maire & Petitmengin, Bull. Soc. Sci. Nancy, Ser. 3, 8: 176–177. 1907.

Current name: *Convolvulus mairei*

Syntypes:—[Greece] Parnasse: lieux exondés pres de la source intermittente Terzeniko, sur le plateau du Livadi. 1100–1190 m: 21 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1292 ([WU 0079120](#)).—[Greece] Grèce: Parnasse: sur la vase desséchée du lac Zoubala (Joubaza) sur le 1^{er} plateau. 1120 m: 5 August 1904, R.C.J.E. Maire 113 ([WU 0079121](#)).—[Greece] Parnasse: lac Zouvale, rives [sic!] exondées. 1100–1200 m: 19 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 374 ([WU 0079122](#)).—[Greece] Peloponnesus: in alveo exsiccato lacus Phenei. 730 m: 10 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 668 ([WU 0079123](#)).

Convolvulus parnassicus Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 3: 125. 1856.

Current name: *Convolvulus boissieri* subsp. *parnassicus*

Syntype:—[Greece] In regione media montis Parnassi supra Carcaria (rarissima!), alt. 5000': 28 June 1854/10 July 1854, T.G. Orphanides 480 ([WU 0079088](#)).

Convolvulus tenuissimus var. *virescens* Halácsy, Consp. Fl. Graec. 2 (2): 309. 1902.

Current name: *Convolvulus elegantissimus*

Syntypes:—[Greece] Flora Attica: in m. Pentelico. reg. orient. pr. Dionysos: 21 July 1900, T.H.H. von Heldreich s.n. ([WU 0079125](#)).—[Greece] Flora Attica: in m. Pentelico: 21 July 1900, T.H.H. von Heldreich s.n. ([WU 0079126](#)).

Cuscuta epithymum var. *micrantha* Engelm. ex Boiss., Fl. orient. 4 (1): 116. 1875.

Current name: *Cuscuta epithymum*

Syntype:—[Greece] In m. Oeta Phthiotidis. In regione abietina superiori ad cacumen Hagios Elias, alt. 5500'. In Eryngio multifido n. sp: 15 July 1879, T.H.H. von Heldreich s.n. ([WU 0076563](#)).

Crassulaceae

Sedum rubens subsp. *delicum* Vierh., Verh. zool.-bot. Ges. Wien 69 (6/9): 224. 1919.

Current name: *Sedum eriocarpum* subsp. *delicum* (FHD)

Isotype:—[Greece] Delos. Kleine Insel bei Mikra Delos: 15 April 1911, B. Watzl s.n. ([WU 0074811](#)).

Holotype in W (Vierhapper 1919).

Sedum sartorianum Boiss., Diagn. pl. orient. sér. 2, 2: 62–63. 1856.

Current name: *Sedum urvillei*

Syntype:—[Greece] In saxosis Atticae montium. (Hymetto) Pentelico. Alt. 2–3000': June 1855, T.H.H. von Heldreich 280 ([WU 0074809](#)).

Sedum tristriatum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 10: 16–17. 1849.

Current name: *Sedum tristriatum*

Isolectotype:—[Greece] In m. Volakia supra Omalo (montium Sphaciotiocor [sic!]) Cretae. Alt. 6000', rarissimum: 27 June 1846, T.H.H. von Heldreich 1615 ([WU 0074808](#)).

Lectotype in G-BOIS according to Hagemann & Hart (1986: 354).

Sempervivum reginae-amaliae Heldr. & Guicc. ex Halácsy, Consp. Fl. Graec. 1 (3): 580. 1901, *nom. illeg.*: non *Sempervivum reginae-amaliae* Heldr. & Sartori ex Baker, Gard. Chron. 8: 230. 1877.

Current name: *Sempervivum verereginae-amaliae* (Raus 2018)

Lectotype:—([WU 0081444](#)), lectotype for *Sempervivum verereginae-amaliae* Raus *nom. nov.* (quod vide in Catalogue A), authentic specimen for *Sempervivum reginae-amaliae* Heldr. & Sartori ex Boiss. (quod vide in Catalogue B).

Syntypes:—[Greece] Epirus boreali-orientalis. In rupibus regionis alpinae mt. Peristeri. Alt. 2000 m: 16 July 1893, E. von Halácsy s.n. ([WU 0081443](#)).—[Greece] Epirus orientalis. In rupibus calcareis cacuminis mt. Tsumerka. Alt. 2336 m: 9 July 1893, E. von Halácsy s.n. ([WU 0081445](#)).

Lectotype designated by Raus (2018: 204) following Hagemann (1986: 339) and Hart (2002: 311); see comment for *Sempervivum verereginae-amaliae* Raus.

Sempervivum verereginae-amaliae Raus, Willdenowia 48 (2): 204–205. 2018, *nom. nov.* pro: *Sempervivum reginae-amaliae* Heldr. & Guicc. ex Halácsy.

Current name: *Sempervivum verereginae-amaliae* (Raus 2018)

Lectotype:—[Greece] In m. Parnassi reg. alpina; planta rarissima: August 1855, J. Guicciardi s.n. [De Heldreich Flora Graeca exsiccata 2982] ([WU 0081444](#)), lectotype for *Sempervivum reginae-amaliae* Heldr. & Guicc. ex Halácsy (quod vide in Catalogue A), authentic specimen for *Sempervivum reginae-amaliae* Heldr. & Sartori ex Boiss. (quod vide in Catalogue B).

Lectotype designated by Raus (2018: 204) following Hagemann (1986: 339) and Hart (2002: 311).

The intricate story of the binomial “*Sempervivum reginae-amaliae*” was discussed in detail by Raus (2018). There is, however, some uncertainty in respect to the “validation” performed by Boissier (1888) as claimed by Raus. Though Boissier mentioned “diagnostic characters” referring to the Guicciardi exsiccatum these only served to show that *S. reginae-amaliae* must be assigned to “sect. *Eusempervivum*”. But Boissier adds with respect to this name that he is not able to distinguish this specimen in a dried state from *S. tectorum* (“Hoc autem saltem ex sicco a *S. tectorum* distinguere non valeo.”).

Umbilicus chloranthus Heldr. & Sartori ex Boiss., Fl. orient. 2: 768. 1872.

Current name: *Umbilicus chloranthus*

Syntype:—[Greece] in rupibus Trophonii pr. Lebadiam Boeotiae: 17 May 187#, T.G. Orphanides 1030 ([WU 0074803](#)).

Cucurbitaceae

Bryonia cretica var. *elwellia* Heldr. ex Halácsy, Consp. Fl. Graec. suppl. 1: 37. 1908.

Current name: *Bryonia cretica*

Syntype:—[Greece] Flora Cycladum: in insula Mykonos, ad rupes et muros (Drapano): 8 July 1901, T.H.H. von Heldreich s.n. ([WU 0076553](#)), authentic specimen for *Bryonia elwellia* Heldr. (quod vide in Catalogue C).

Ecballium elaterium var. *palmatipartita* Boiss., Fl. orient. 2: 760. 1872.

Current name: *Ecballium elaterium*

Syntype:—[Greece] Legi circa Athenas prope Ruf: 1862, T.G. Orphanides 396 ([WU 0076549](#)).

Cyperaceae

Carex hispida f. *marina* Heldr. ex Kük., Pflanzenr. (Engler) IV 20 (38): 422. 1909.

Current name: *Carex hispida*

Syntype:—[Greece] Flora Attica: ad radices m. Hymetti. Rarissim. In aqua salsa Buliasmene: 24 March 1878, T.H.H. von Heldreich s.n. ([WU 0079349](#)).

Carex serrulata var. *corcyrensis* Kük. in Baenitz, Herb. Eur. 30: 7 [No. 9234], *cum diagn.* 1897.

Current name: *Carex flacca* subsp. *serrulata*

Syntype:—[Greece] Fl. Corcyrensis: Kastrades (Corfú); an einem Abhange oberhalb der Kardakiquelle im königl. Garten von Monrepos: 29 April 1896, C.G. Baenitz 9234 ([WU 0063473](#)).

Eleocharis palustris f. *frigida* Halácsy, Consp. Fl. Graec. 3 (1): 307–308. 1904.

Current name: *Eleocharis palustris*

Syntype:—[Greece] Kalampaka: in pratis paludos. ad Metochi: 15 May 1896, P.E.E. Sintenis 227 ([WU 0079250](#)).

Eleocharis palustris var. *repens* Maire & Petitm., Matér. Étude Fl. Géogr. Bot. Orient (4): 212. 1908.

Current name: *Eleocharis palustris*

Syntype:—[Greece] Parnasse, lac Zuvala, 1100–1200 m: 19 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 378 ([WU 0079249](#)).

Dryopteridaceae

Aspidium lonchitiforme Halácsy, Consp. Fl. Graec. 3 (2): 475. 1904; Verh. K. K. Zool.-Bot. Ges. Wien 54: 129–132, 2 icon. 1904, pro hybride [*Aspidium aculeatum* × *A. lonchitis*].

Current name: *Polystichum lonchitis* (FHD)

Syntypes:—[Greece] Laconia: in rupestribus regionis superioris m. Taygeti: June 1898, K.H. Zahn 1600 ([WU 0040158](#), [WU 0080305](#)).

Elatinaceae

Elatine aetolica Halácsy & Wettst. in Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 312. 1894.

Current name: *Crassula vaillantii* (FHD)

Syntype:—[Greece] Aetolia. In herbis prope Antirrhion ad sinem Corinthiacum: 1 June 1893, E. von Halácsy s.n. ([WU 0074833](#)).

Euphorbiaceae

Chrozophora malvifolia Heldr., Herb. Graec. Norm.: No. 1686, *cum diagn.* 1902.

Current name: *Chrozophora tinctoria* (FHD)

Syntype:—[Greece] Flora Aegaea: insula Mykonos, in arvis post messens [sic!]: 13 July 1901, T.H.H. von Heldreich s.n. ([WU 0063296](#)).

Euphorbia euboea Halácsy, Consp. Fl. Graec. 3 (1): 107. 1904.

Current name: *Euphorbia agraria*

Syntype:—[Greece] Griechenland. Auf waldigen Orten bei Stenni [sic!]: June 1876, T. Pichler s.n. ([WU 0078183](#)).

Euphorbia gerardiana var. *laconia* Heldr., Herb. Graec. Norm.: No. 1374, *cum diagn.* 189#.

Current name: *Euphorbia niciana* (FHD)

Syntype:—[Greece] Laconia orientalis (i. e. Cynuriá): m. Malevô supra Kastanitzá, alt. 3500': 1 July 1896, C. Leonis 1374 ([WU 0078182](#)).

Euphorbia halacsyi Formánek, Verh. Naturf. Vereins Brünn 33: 128–129. 1895.

Current name: *Euphorbia terracina*

Syntype:—[Greece] Sct. Georgios ap. Preveza, Epirus: 10 August 1894, E. Formánek s.n. ([WU 0044900](#)).

Euphorbia heldreichii Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 90–91. 1859.

Current name: *Euphorbia heldreichii* (FHD)

Lectotype:—[Greece] In monte Malevo Laconiae prope Castanitzam (rare), alt. 4000': 10 August 1850/22 August 1850, T.G. Orphanides 201 ([WU 0078174](#)).

Isolectotype:—[Greece] In monte Malevo prope Kastanitzam (rare), alt. 4000': 10 August 1850/22 August 1850, T.G. Orphanides 201 ([WU 0078175](#)).

Lectotype designated by Caković & Frajman (2020: 9).

Euphorbia heldreichii var. *roeseri* Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 90. 1859.

Current name: *Euphorbia heldreichii* (FHD)

Lectotype:—[Greece] In monte Parnasso prope Carcaria: 3 July 1854, T.G. Orphanides 2734 ([WU 0078176](#)), authentic specimen for *Euphorbia heldreichii* var. *glabrata* Orph. (quod vide in Catalogue C).

Lectotype designated by Caković & Frajman (2020: 9).

Euphorbia helioscopia f. *major* Halácsy, Consp. Fl. Graec. 3 (1): 101. 1904.

Current name: *Euphorbia helioscopia*

Syntypes:—[Greece] Flora Attica: in locis cultis prope Athenas: 1 April 1892, T.H.H. von Heldreich 46 ([WU 0078167](#)).—[Greece] Flora Attica: in locis cultis prope Athenas: 4 March 1892, T.H.H. von Heldreich 46 ([WU 0078168](#)).

Euphorbia herniariifolia var. *glaberrima* Halácsy, Consp. Fl. Graec. 3 (1): 109–110. 1904.

Current name: *Euphorbia herniariifolia*

Syntypes:—[Greece] Doris: in glareosis regionis alpinae mt. Kionae, alt. 6000': 12 July 1888, E. von Halácsy s.n. ([WU 0078187](#)).—[Albania] In saxosis alpinis m. Kiore (Acrocerauniae): 12 July 1892, A. Baldacci 163 ([WU 0078188](#)).—[Greece] Plantae in m. Taygeto Laconiae. In regione abietina: July 1897, K.H. Zahn s.n. ([WU 0078189](#)).—[Greece] Legi in cacumine montis Malevo Laconiae: 7 July 1850/19 July 1850, T.G. Orphanides 2898 ([WU 0078190](#)).—[Greece] In montis Kyllenes (Ziria hod.) Achaiae regione superiori, alt. 5000'–7122': 25 June 1887, T.H.H. von Heldreich s.n. ([WU 0078191](#)).—[Greece] In m. Oeta Phthiotidis. In saxosis prope summum cacumen Kreveno, alt. 6000'–6565', raris: 10 July 1879, T.H.H. von Heldreich s.n. ([WU 0078192](#)).—[Greece] Epirus boreali-orientalis. In rupestribus calcareis cacuminis mt. Peristeri. Alt. 2196 m: 15–16 July 1893, E. von Halácsy s.n. ([WU 0078193](#)). [Herb. Graec. Norm. 1586]

Euphorbia orphanidis Boiss., Diagn. pl. orient. sér. 2, 4: 89–90. 1859.

Current name: *Euphorbia orphanidis*

Isolectotype:—[Greece] in monte Parnasso prope Lugari (rare), Alt. 5000–6000': 4 July 1854/16 July 1854, T.G. Orphanides 407 ([WU 0078186](#)), authentic specimen for *Euphorbia hohenackeri* Orph. ex Boiss. (quod vide in Catalogue B).

Syntype:—[Greece] Inter lapides mobiles in reg. media m. Parnassi (supra Acrinonero) alt. 4000'–4500': August 1855, J. Guicciardi s.n. [Herb. Graec. Norm. 344] ([WU 0078185](#)).

Lectotype in G-BOIS according to Aldén (1986a: 571).

Euphorbia semiverticillata Halácsy, Consp. Fl. Graec. 3 (1): 103. 1904.

Current name: *Euphorbia heldreichii* (FHD)

Lectotype (**designated here**):—[Greece] Griechenland. Am Fuße des Mte. Taygetus: June 1876, T. Pichler s.n. (WU 0078177).

Čaković & Frajman (2020) cited this sheet as “holotype”, but Halácsy (1904) did not specify a type and Pichler’s material collected in 1876 was distributed and is found e.g. in LD or P. For clarification we here designate this voucher (WU 0078177) as lectotype.

Euphorbia zahnii Heldr., Herb. Graec. Norm.: No. 1580, *cum diagn.* 1900.

Current name: *Euphorbia valerianifolia*

Syntypes:—[Greece] Laconia borealis: in faucibus m. Selitza ad confines Messeniae pr. Kalamata, inter Lupinos cultos: 24 March 1899 & 7 April 1899 (fruct.), K.H. Zahn s.n. [Herb. Graec. Norm. 1580] (WU 0063297, WU 0063298, WU 0063299, WU 0063300).—[Greece] Laconia: in reg. infer. Taygeti ad Selitza (confines Messeniae): 10–25 March 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 15..] (WU 0063301).

Ricinus messeniacus Heldr., Herb. Graec. Norm. 15: No. 1480, *cum diagn.* 1898.

Current name: *Ricinus communis* (FHD)

Syntype:—[Greece] Messenia: in ruderalis et locis incultis prope Kalamata (Kastro etc.): 10 April 1896 (flor.) & 15 January 1897 (fruct.), K.H. Zahn s.n. [Herb. Graec. Norm. 1480] (WU 0078166).

Fabaceae

Alhagi tournefortii Heldr., Herb. Graec. Norm.: No. 1624, *cum diagn.* 1902.

Current name: *Alhagi graecorum*

Syntype:—[Greece] Cycladum insula Syros in halipedo juxta urbem: 31 July 1901, T.H.H. von Heldreich 1624 (WU 0073125).

Astragalus agraniotii Orph. ex Boiss., Diagn. pl. orient. sér. 2, 2: 29. 1856.

Current name: *Astragalus agraniotii*

Syntype:—[Greece] in cacumine montis Malevo Laconiae (rarissimus); alt 6000’: 8 July 1850/20 July 1850, T.G. Orphanides 132 (WU 0073044).

Astragalus argolicus Hausskn., Mitth. Thüring. Bot. Vereins 5: 81. 1893.

Current name: *Astragalus suberosus*

Isolectotype:—[Greece] M. Palamidi supra Nauplia: April 1885, H.K. Haussknecht s.n. (WU 0073102).

Lectotype in JE (JE 00010729) designated by Podlech (1999: 176–177).

Astragalus baldaccii Degen, Oesterr. Bot. Z. 46 (12): 415–416. 1896.

Current name: *Astragalus lacteus*

Isolectotype:—[Albania] In saxosis alpinis, m. Nimerčka supra Diovisda distr. Pogoni: 8 July 1896, A. Baldacci 115 (WU 0073052).

Lectotype in MSB according to Podlech (1999: 177).

Astragalus drupaceus Orph. ex Boiss., Diagn. pl. orient. sér. 2, 2: 32–33. 1856.

Current name: *Astragalus drupaceus*

Isolectotype:—[Greece] In monte Malevo Laconiae prope Hajos Joannis (rarus). Fl. Majo – Jun. alt. 3000’: 5 June 1852/17 June 1852, T.G. Orphanides 131 (WU 0073100).

Syntype:—[Greece] In monte Ziria (Cyllene) inter Zougtra et Tricala (rare). Fl. Apr. alt. 2500’: 22 April 1854/4 May 1854, T.G. Orphanides 384 (WU 0073101).

Lectotype in G-BOIS according to Agerer-Kirchhoff (1976: 94).

Astragalus idaeus Bunge, Mém. Acad. Imp. Sci. St.-Pétersbourg, Sér. 7 11 (16): 107. 1868.

Current name: *Astragalus idaeus*

Syntype:—[Greece] Creta. In lapidosis ad cacumina montium Lassiti Cretae, alt. 6000'. rarissimus!: 20 May 1846, T.H.H. von Heldreich 1511 (WU 0073040).

Lectotype according to Podlech (2008: 137), but citing several herbaria without discrimination.

Astragalus macedonicus Heldr. & Charrel [=Nadji] in Heldreich, Herb. Graec. Norm.: No. 1136, cum diagn. 18## & in Nadji, Empire Ottoman; Géogr. bot.: 19. 1892.

Current name: *Astragalus monspessulanus*

Isolectotype:—[Greece] Makedonia, in m. Korthiati prope Thessalonicam, in silvaticis, 4000': 19 May 1891, L. Charrel s.n. (WU 0073036).

Lectotype in MSB according to Podlech (1999: 183).

Astragalus rumelicus var. *taygeticus* Širj., Repert. Spec. Nov. Regni Veg. 47: 199. 1939.

Current name: *Astragalus rumelicus*

Isolectotype:—[Greece] M. Taygetus, in regione alpina, versus cacumen: August 1897, [K.H. Zahn?] s.n. [Herb. Graec. Norm. 1423] (WU 0073055).

Lectotype in WU (WU 0068294) designated by Zarre & Podlech (2006: 247). Probably collected by K.H. Zahn (compare e.g., WU 0079155).

Cicer graecum Orph. ex Boiss., Diagn. pl. orient. sér. 2, 2: 43–44. 1856.

Current name: *Cicer graecum*

Syntype:—[Greece] in monte Ziria (Cyllene) supra Tricala (rarissime!). Fl. Majo – Junio: 4 June 1852/16 June 1852, T.G. Orphanides 578 (WU 0073127).

Coronilla emeroides var. *humilis* Heldr. & Halácsy in Halácsy, Oesterr. Bot. Z. 47 (3): 92. 1897.

Current name: *Hippocrepis emerus* subsp. *emeroides*

Syntype:—[Greece] Insula Skiathos: 23–25 April 1896, C. Leonis s.n. (WU 0073108).

Cytisus austriacus var. *pindicola* Degen ex Bald., Nuovo Giorn. Bot. Ital., n.s. 6 (2): 152–153. 1899, as “*pindicolus*”.

Current name: *Chamaecytisus austriacus*

Syntype:—[Greece] In herbidis alpinis m. Kuruna distr. Ljaskovik et Pogoni, m. Gamila distr. Zagorion, m. Smolika distr. Konitza: 7–19 July 1896, A. Baldacci 110 (WU 0072806).

The projected lectotypification indicated in 2004 on a label by K.I. Christensen (“Christensen in Strid & Tan, Flora Hellenica 3, 2005”) still remains unpublished. On the label four different dates (“7 8 12 & 19 Julio”) are given. Judging from localities of other material collected during this period of Baldacci’s *Iter albanicum* (epiroticum) IV gathering no. 110 consists of material from at least three different sites.

Cytisus austriacus var. *thessalus* Boiss., Fl. orient. 2: 53. 1872.

Current name: *Chamaecytisus austriacus* subsp. *heuffelii*

Syntypes:—[Greece] in regione sylvatica montis Olympi Thessaliae supra Hajos Dionysios (rare). Fl. Juni – Aug. 5. Alt. 4000': 17 July 1857/29 July 1857, T.G. Orphanides 590 (WU 0072808).—[Greece] in regione sylvatica montis Olympi Thessaliae supra Hajos Dionysios (rare). Fl. Juni – Aug. 5. Alt. 4000': 17 July 1857/29 July 1857, T.G. Orphanides 590 (WU 0072807).

The projected lectotypification indicated in 2004 on a label by K.I. Christensen (“Christensen in Strid & Tan, Flora Hellenica 3, 2005”) still remains unpublished. The note on Christensen’s label concerning *Cytisus heuffelii* Wierzb. ex Griseb. & Schenk var. *thessalus* Boiss. is erroneous, in Fl. Orient. 2: 53 (1872) Boissier described *Cytisus austriacus* var. *thessalus*.

Cytisus demissus Boiss., Fl. orient. 2: 54. 1872.

Current name: *Chamaecytisus hirsutus* subsp. *polytrichus*

Syntype:—[Greece] In montis Olympi Thessaliae reg. infer: 29 July 1857, T.G. Orphanides s.n. (WU 0073190).

Cytisus diffusus var. *pindicola* Bald., Nuovo Giorn. Bot. Ital., n.s. 6 (2): 153. 1899, as “*pindicolus*”.

Current name: *Cytisus decumbens* subsp. *pindicolus* (FHD)

Isolectotype:—[Greece] In regione media et alpina; m. Smolika supra Paleoseli, distr. Konitza: 18–19 July 1896, A. Baldacci 228 (WU 0072805).

Lectotype in PRC according to Skalická (1967: 26).

Galega officinalis var. *albiflora* Halácsy, Consp. Fl. Graec. 1 (2): 427. 1900.

Current name: *Galega officinalis*

Syntypes:—[Greece] Litochori: Scala Theodoros: 6 August 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1207 (WU 0072979).—[Greece] Malakasi, in valle Prioni: 18 July 1896, P.E.E. Sintenis 977 (WU 0072980).

Genista halacsyi Heldr., Herb. Graec. Norm.: No. 1526, cum diagn. 1900.

Current name: *Genista halacsyi*

Syntypes:—[Greece] Laconia, in faucibus Taygeti Langada dictis inter Spartam et Kalamata: 22 June 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1526] (WU 0072810, WU 0072811).

Genista millii Heldr. ex Boiss., Fl. orient. Suppl.: 160. 1888.

Current name: *Genista millii*

Isolectotype:—[Greece] Griechenland. Auf den Mt. Delphus 5000' auf der Insel Euboa: May 1876, T. Pichler s.n. (WU 0072809).

Lectotype in G-BOIS according to Strid (1986h: 456).

Genista parnassica Halácsy, Magyar Bot. Lapok 11 (5–8): 136. 1912.

Current name: *Genista parnassica*

Syntype:—[Greece] Phocis: in saxosis regionis inferioris mt. Parnassus supra Delphi, alt. 800 m: 12 April 1911, E. von Halácsy s.n. (WU 0072817).

Genista sakellariadis Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 42–43. 1859.

Current name: *Genista sakellariadis*

Syntypes:—[Greece] In regione media montis Olympo Thessaliae. 5000': 16 July 1854/28 July 1854, T.G. Orphanides s.n. (WU 0106596, WU 0106597).—[Greece] In regione media montis Olympi Thessaliae supra Monast. Haj. Dionysio. alt. 5000': 16 July 1854/28 July 1854, T.G. Orphanides s.n. (WU 0106598).

Hammatolobium graecum Heldr. ex Boiss., Fl. orient. Suppl.: 171. 1888.

Current name: *Tripodion graecum*

Isolectotype:—[Greece] Morea; in fiss. mts. Taygetos: June 1876, T. Pichler s.n. (WU 0073107).

Lectotype according in G-BOIS to Strid (1986i: 531).

Lathyrus chius Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 68. 1859.

Current name: *Lathyrus annus*

Syntype:—[Greece] in insula Chio prope Siph: 7 April 1856/19 April 1856, T.G. Orphanides 3455 (WU 0073128).

Lathyrus neurolobus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 9: 125–126. 1849.

Current name: *Lathyrus neurolobus*

Syntype:—[Greece] ad rivulos in castanetis pr. Enneachoria Cretae occidentalis: 22 June 1846, T.H.H. von Heldreich 1585 (WU 0073130).

Type of the name *Lathyrus* sect. *Neurolobus* Bässler, Feddes Repert. 72 (2/3): 91–94. 1966.

Lathyrus sativus var. *stenophyllus* Boiss., Fl. orient. 2: 607. 1872.

Current name: *Lathyrus sativus*

Syntype:—[Greece] monte Malevo Laconiae prope Hajos Ioannis (in loco Sarantapsychon): 23 June 1850/5 July 1850, T.G. Orphanides 2928 (WU 0073129).

Lathyrus tuntasii Heldr. ex Halácsy, Consp. Fl. Graec. suppl. 1: 33. 1908.

Current name: *Lathyrus clymenum*

Syntype:—[Greece] Cycladum: in insula Cythno (Κύθωος): April 1900, B. Tuntas s.n. ([WU 0073134](#)).

Lotus corniculatus [var. *stenodon*] f. *major* Heldr., Cat. herb. Orphanidis: 29. 1877.

Current name: *Lotus corniculatus*

Syntype:—[Greece] in reg. super. montis Parnassi prope is-to-ses (rarissime). Fl. Juli, alt. 7000': 14 July 1854/26 July 1854, T.G. Orphanides 323 ([WU 0072973](#)).

Lotus corniculatus [var. *stenodon*] f. *minor* Heldr., Cat. herb. Orphanidis: 29. 1877.

Current name: *Lotus corniculatus*

Syntype:—[Greece] in monte Parnasso prope Kedrozasteno (rarus). Fl. Jun. – Aug., alt 6000': 5 July 1854/17 July 1854, T.G. Orphanides 324 ([WU 0072974](#)).

Lotus creticus var. *collinus* Boiss., Fl. orient. 2: 165. 1872.

Current name: *Lotus longisiliquosus*

Syntype:—[Greece] In monte Malevo Laconiae prope Platanos (rarus). Fl. Apr – Majo; alt. 3000': 22 April 1857/4 May 1857, T.G. Orphanides 586 ([WU 0072966](#)), authentic specimen for *Lotus creticus* var. *viridescens* Boiss. (quod vide in Catalogue C).

Lotus pusillus var. *major* Boiss., Fl. orient. 2: 173. 1872.

Current name: *Lotus halophilus*

Syntype:—[Greece] In arenosis maritimis Phaleri (rare): 18 March 1850/30 March 1850, T.G. Orphanides 7 ([WU 0072978](#)).

Lotus rostellatus Heldr., Herb. Graec. Norm.: No. 1532, *cum diagn.* 1900.

Current name: *Lotus corniculatus*

Syntypes:—[Greece] Laconia, in regione abietina m. Taygeti, l. d. Vathiá Lakka, alt. 1600 m. circ: 16 July 1898, K.H. Zahn s.n. [Herb. Graec. Norm. 1532] ([WU 0072967](#), [WU 0072968](#), [WU 0072969](#)).

Original material:—[Greece] Plantae in m. Taygeto Laconiae. Alagonia: July 1897, K.H. Zahn s.n. ([WU 0072970](#)).

The voucher of material collected in the year 1897 was annotated as “*Lotus rostellatus* Heldr. nov. sp.” by Heldreich and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018).

Lotus tenuifolius var. *glabriusculus* Heldr., Cat. herb. Orphanidis: 29–30. 1877.

Current name: *Lotus palustris* (FHD)

Syntype:—[Greece] In pratis humidis Naupliae prope Tyrinthon (frequens). Fl. Jun. – Jul: 13 July 1856/25 July 1856, T.G. Orphanides 583 ([WU 0072975](#)).

Medicago coronata var. *uncata* Boiss., Fl. orient. Suppl.: 165. 1888.

Current name: *Medicago coronata*

Syntype:—[Greece] Flora Attica: in collibus circa Buliasmene: 9 May 1875, T.H.H. von Heldreich s.n. ([WU 0072718](#)).

Medicago elegans var. *graeca* Heldr., Cat. herb. Orphanidis: 17. 1877.

Current name: *Medicago rugosa*

Syntype:—[Greece] Inter segetes prope Athenas (rare) ad radices Philopappus. Fl. Mart. – apr.: 1 April 1859/13 April 1859, T.G. Orphanides 756 ([WU 0072787](#)).

Medicago lupulina var. *perennans* Halácsy, Consp. Fl. Graec. 1 (2): 369. 1900.

Current name: *Medicago lupulina*

Syntypes:—[Greece] M. Korax Aetoliae adjectae: 9 June 1899, C. Leonis 303 ([WU 0072742](#)).—[Greece] In m. Kyllenes Achaiae regione media prope Trikala: 20 June 1851, T.G. Orphanides s.n. ([WU 0099204](#)).

Onobrychis ebenoides* var. *albiflora Heldr. ex Halácsy, Consp. Fl. Graec. 1 (2): 458. 1900.

Current name: ***Onobrychis ebenoides***

Syntype:—[Greece] Flora Attica, in colle Lycabetto prope Athenas 18 April 1891, T.H.H. von Heldreich s.n. ([WU 0073124](#)).

Onobrychis halacsyana Heldr. in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 711. 1898.

Current name: ***Onobrychis arenaria* subsp. *lasiostachya***

Syntypes:—[Greece] Attica: in aridis ad radices m. Pentelici supra Marusi (regio Artemidis Amarysiae veterum): 12 May 1886 (flor.) & 24 June 1886 (fruct.), T.H.H. von Heldreich 922 ([WU 0073114](#)).—[Greece] Flora Attica: ad radices m. Pentelici prope Amarysiam: 12 May 1886, T.H.H. von Heldreich s.n. ([WU 0073115](#)).

Onobrychis halacsyi Formánek, Deutsche Bot. Monatsschr. 15: 199. 1897.

Current name: ***Onobrychis alba* subsp. *pentelica***

Syntype:—[Greece] M. Pirgo in mon. Othrys: 22 August 1896, E. Formánek s.n. ([WU 0071539](#)).

Onobrychis hybrida Halácsy, Consp. Fl. Graec. 1 (2): 458. 1900, pro hybride [*Onobrychis pentelica* × *O. ebenoides*].

Current name: ***Onobrychis ebenoides*** (FHD)

Syntype:—[Greece] Flora Attica: in m. Pentelico reg. super: 15 May 1887, T.H.H. von Heldreich s.n. ([WU 0073123](#)), authentic specimen for ***Onobrychis ebenoides* f. *heldreichii*** Širj. (quod vide in Catalogue C).

Onobrychis laconica Oroph. ex Boiss., Fl. orient. 2: 530. 1872.

Current name: ***Onobrychis alba* subsp. *pentelica***

Syntype:—[Greece] In monte Malevo Laconiae prope Hajos Joannis (rare). alt. 3000': 3 June 1856/15 June 1856, T.G. Orphanides 565 ([WU 0073122](#)).

Onobrychis laconica* var. *caespitosa Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 502. 1894.

Current name: ***Onobrychis alba* subsp. *pentelica***

Syntype:—[Greece] Arcadia. Inter fruticulos densos Astragali angustifolii in rupestribus calcareis cacuminis mt. Kyllene (Ziria hodie) rarissime. Alt. 2374 m: 24 June 1893, E. von Halácsy s.n. ([WU 0073121](#)).

Onobrychis laconica* var. *parvifolia Halácsy, Consp. Fl. Graec. 1 (2): 457. 1900.

Current name: ***Onobrychis alba* subsp. *pentelica***

Syntypes:—[Greece] In m. Oeta Phthiotidis. In saxosis prope summum cacumen Kreveno, alt. 6000'–6565', raris: 10 July 1879, T.H.H. von Heldreich s.n. ([WU 0099201](#)).—[Greece] Agrapha (Dolopia veterum): in declivibus montis Ghavéllu Pindi supra Sermeniko, alt. 4500'–5500': 30 June 1885 & 3 July 1885, T.H.H. von Heldreich s.n. ([WU 0099200](#)).—[Greece] Eubea: in mte. Xerobuno: April 1876, T. Pichler s.n. ([WU 0099198](#), [WU 0099199](#)).

Onobrychis scardica* var. *brevicaulis Halácsy, Consp. Fl. Graec. 1 (2): 455. 1900.

Current name: ***Onobrychis montana* subsp. *scardica*** (FHD)

Syntype:—[Greece] m. Kakarditza Tsumerka, 1900 m: 25 July 1895, A. Baldacci 135 ([WU 0073118](#)).

Ononis antiquorum* var. *glanduliferum Halácsy, Consp. Fl. Graec. 1 (2): 349. 1900.

Current name: ***Ononis spinosa* subsp. *leiosperma*** (FHD)

Syntypes:—[Greece] Macedonia: Litochori: Braiabalti: 17 August 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1203 ([WU 0076380](#)).—[Greece] Macedonia: Litochori: in vinetis: 2 September 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1202 ([WU 0076381](#)).

Ononis columnae* f. *halacsyi Širj., Beih. Bot. Centralbl., Abt. 2 49 (2/3): 546, tab. VII, fig. 25. 1932.

Current name: ***Ononis pusilla***

Syntypes:—[Greece] Achaia: in m. Omplo pr. Patras: 7 June 1899, T.H.H. von Heldreich s.n. ([WU 0072800](#)).—[Greece] In collibus saxosis Atticae. Pr. Raphinae: April 1878 & 6 May 1878, T.H.H. von Heldreich 162 ([WU 0072790](#)).—[Greece] In monte Parnasso. Berg Parnaso, orte Dokanistra Felsen. Kalche: 11 July 1898, C. Leonis 196 ([WU 0072791](#)), syntype for ***Ononis columnae* var. *orientalis*** Širj. (quod vide in Catalogue A)—[Greece] Achaia. In

rupestribus calcareis prope pagum Lopesi. Alt. 400 m: 11 June 1893, E. von Halácsy s.n. ([WU 0072792](#)), syntype for *Ononis columnae* var. *orientalis* Širj. (quod vide in Catalogue A).

Ononis columnae var. *orientalis* Širj., Beih. Bot. Centralbl., Abt. 2 49 (2/3): 545–546. 1932.

Current name: *Ononis pusilla*

Syntypes:—[Greece] Lycabettus: 1850, T.G. Orphanides s.n. ([WU 0072796](#)).—[Greece] In Euboea septentrionali pr. Kurbatzi: 1874, A. Wild s.n. ([WU 0072797](#)).—[Greece] Pr. Drachmaro Boiotina: June 1883, T.H.H. von Heldreich s.n. ([WU 0072798](#)).—[Greece] Attica: in pinetis prope Dekeleiam (Tatoi hodie): 7 July 1888, E. von Halácsy s.n. ([WU 0072799](#)).—[Greece] In collibus saxosis Atticae. Ad radices M. Parnethis, pr. Tatoi April 1858, T.H.H. von Heldreich 162 ([WU 0072789](#)).—[Greece] Aetolia. In rupestribus calcareis mt. Taphiassos (Klokova hodie) ad sinum Patranum. Alt. 50–80 m: 1 June 1893, E. von Halácsy s.n. ([WU 0072793](#)).—[Greece] Boetia: prope Thebas: 19 June 1913, B. Tuntas 1925 ([WU 0072794](#)).—[Greece] Flora Attica: in regione abietina m. Gerania Megarae: 23–28 June 1910, B. Tuntas 977 ([WU 0072795](#)).—([WU 0072791](#), [WU 0072792](#)), syntypes for *Ononis columnae* f. *halacsyi* Širj. (quod vide in Catalogue A).

Ononis purpurascens Formánek, Verh. Naturf. Vereins Brünn 34: 362. 1896.

Current name: *Ononis spinosa* subsp. *antiquorum* (FHD)

Syntype:—[Greece] Trikala in Thessalia: 23 July 1896, E. Formánek s.n. ([WU 0044901](#)).

Trifolium dolopium Heldr. & Hausskn. ex Gibelli & Belli, Malpighia 3: 228–229. 1889.

Current name: *Trifolium dolopium*

Syntype:—[Greece] Thessalia. Agrapha (Dolopia veterum): in regione inferiori m. Pindi circa monasterium Koróna, in nemorosis quercinis, alt. 3500'–3700', substratu schistoso, in monte Kuko: 24 June 1885, T.H.H. von Heldreich s.n. ([WU 0072934](#)).

Trifolium filicaule Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 9: 24–25. 1849.

Current name: *Trifolium dalmaticum*

Original material:—[Greece] Prope Anavryti in reg. infer m. Taygeti: 19 June 1844, T.H.H. von Heldreich 199 ([WU 0072933](#)).

The locality does not exactly match the one given in the protologue (Boissier 1849) but the voucher was labelled as *Trifolium filicaule* Boiss. & Heldr. by Heldreich and thus can be considered original material according to Art. 9.4. (Turland *et al.* 2018).

Trifolium heldreichianum Hausskn., Mitth. Thüring. Bot. Vereins 5: 72. 1893.

Current name: *Trifolium heldreichianum*

Isolectotype:—[Greece] Agrapha (Dolopia veterum): in regione inferiori m. Pindi circa monasterium Koróna, in nemorosis quercinis, alt. 3500'–3700', substratu schistoso: 20–28 June 1885, T.H.H. von Heldreich s.n. ([WU 0072740](#)).

Syntype:—[Greece] Agrapha (Dolopia veterum): in oropedio Neurópolis reg. infer. Pindi, alt. 3500', substratu schistoso: 25 June 1885, T.H.H. von Heldreich s.n. ([WU 0072741](#)).

First-step lectotype in JE ([JE 00006299](#), [JE 00006300](#)) designated by Preston (1986: 512).

Trifolium nigrocinctum Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 47. 1859.

Current name: *Trifolium squamosum*

Syntype:—[Greece] In pratis humidis Peloponnesi prope Tyrinthos Naupliae (rare): 1 June 1857/13 June 1857, T.G. Orphanides 613 ([WU 0072932](#)).

Erroneously listed as *T. nigrotinctum* in Dimopoulos *et al.* (2017 onwards).

Trigonella sartorii Heldr. in Halácsy, Oesterr. Bot. Z. 45 (7): 258. 1895.

Current name: *Trigonella corniculata* subsp. *balansae*

Syntype:—[Greece] Cycladum ins. Tenos, in cultis (Ibidem ann 1851 detexit d. Sartori): 14 April 1889, T.H.H. von Heldreich 1022 ([WU 0072788](#)).

Vicia barbazitae var. *incisa* Boiss., Fl. orient. 2: 574. 1872.

Current name: *Vicia laeta*

Syntype:—[Greece] in monte Malevo Laconiae prope Platanos (rarissima). Fl. Majo – Jun.; alt. 3000': 4 June 1857/16 June 1857, T.G. Orphanides 594 ([WU 0073133](#)).

Vicia cretica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 9: 118. 1849.

Current name: *Vicia cretica*

Syntype:—[Greece] In m. Cavoutsi Eparchiae Sitia Cretae orientalis: 26 April 1846, T.H.H. von Heldreich 1439 ([WU 0073160](#)).

Vicia dasycarpa var. *rigida* Halácsy, Consp. Fl. Graec. 1 (2): 489. 1900.

Current name: *Vicia villosa* subsp. *varia*

Syntype:—[Greece] Flora Attika: in cultis ad littora maris pr. Picrodaphni: 26 July 1897, T.H.H. von Heldreich s.n. ([WU 0073147](#)).

Vicia microphylla var. *elongata* Halácsy, Consp. Fl. Graec. 1 (2): 491. 1900.

Current name: *Vicia villosa* subsp. *microphylla*

Syntype:—[Greece] Attica: in collibus saxosis ad phrygana (praesertim ad *Poterium spinosum*) adhaerens. In Lycabetto ed Ardetto prope Athenas: 27 March 1895, T.H.H. von Heldreich 1232 ([WU 0073158](#)).

Vicia tenuifolia var. *platyphylla* Halácsy, Consp. Fl. Graec. 1 (2): 487. 1900.

Current name: *Vicia tenuifolia* subsp. *tenuifolia*

Syntypes:—[Greece] Malakasi, in mte. Sina: 13 July 1896, P.E.E. Sintenis 932 ([WU 0073131](#)).—[Greece] Guwelzi: 23 May 1896, P.E.E. Sintenis 382 ([WU 0073132](#)).

Fagaceae

Quercus conferta var. *lobulata* Halácsy, Consp. Fl. Graec. 3 (1): 129. 1904.

Current name: *Quercus frainetto*

Syntypes:—[Greece] Achaia. In regione abietina mt. Olenos (Erymanthos vet.) Alt. 1800 m. Solo calcareo: 12 June 1893, E. von Halácsy s.n. ([WU 0078351](#)).—[Greece] Agrapha (Dolopia veterum): in regione inferiori m. Pindi circa monasterium Koróna, in nemorosis quercinis, alt. 3500'–3700', substratu schistoso: 20–28 June 1885, T.H.H. von Heldreich s.n. ([WU 0078352](#)).

Quercus cretica Bald., Malpighia 9: 351–352. 1895.

Current name: *Quercus ithaburensis* subsp. *macrolepis*

Syntype:—[Greece] Crete. Ad pagum sub. m. H. Ilias distr. Kisamos: 22 June 1893, A. Baldacci 44 ([WU 0078393](#)).

Quercus sessiliflora var. *pinnatifida* Boiss., Fl. orient. 4 (2): 1164–1165. 1879.

Current name: *Quercus petraea*

Syntype:—[Greece] Prope Vodena Macedoniae: 26 July 1862, T.G. Orphanides 1010 ([WU 0078313](#)).

Gentianaceae

Gentiana lutea subsp. *symphyandra* Murb., Acta Univ. Lund. 27 (5): 89–91. 1891.

Current name: *Gentiana symphyandra*

Syntypes:—[North Macedonia] Fl. Macedonia, in reg. alpina m. Peristeri, alt. 5500'–7000': 30 July 187#, T.G. Orphanides 1001 ([WU 0079065](#)).—[Greece] In m. Oeta (nunc Katavothra) Phthiotidis. In pascuis subalpinis alt. 5500'–6300'; 1 d. Terratza: 10 July 1879, T.H.H. von Heldreich s.n. ([WU 0079066](#)).

The correct collecting year of the Orphanides gathering could be 1862 as Orphanides travelled to North Macedonia in that year according to vouchers in LD and WU, including one from the summit of Mt. Peristeri/Pelister ([WU 0074685](#)).

The North Macedonian specimen with connate anthers represents *Gentiana symphyandra*, but following Dimopoulos *et al.* (2017 onwards) the sterile specimen from Mt Iti (Oeta) in Sterea Ellas floristic region represents *Gentiana lutea*.

Geraniaceae

Biebersteinia orphanidis Boiss., Diagn. pl. orient. sér. 2, 1: 113–114. 1854.

Current name: *Biebersteinia orphanidis*

Syntypes:—[Greece] In regione sup. montis Ziriae (Κυλληνη), loc. dict. (του πουγιου ο οχδος) rarissima!, alt. 5500': 6 June 1851/18 June 1851, T.G. Orphanides 292 ([WU 0076431](#), [WU 0076433](#)).—[Greece] Legi in regione superiori montis Ziriae (Cyllene) Peloponnesi supra Livadi in loco dicto του πουγιου ο οχδος: 25 June 1851, T.G. Orphanides s.n. ([WU 0076432](#)).

Erodium botrys var. *eglandulosum* Halácsy, Consp. Fl. Graec. 1 (2): 303. 1900.

Current name: *Erodium botrys*

Syntype:—[Greece] Insula Tenos: 12–17 April 1889, T.H.H. von Heldreich & E. von Halácsy s.n. ([WU 0034363](#)).

Gesneriaceae

Haberlea heldreichii Boiss., Diagn. pl. orient. sér. 2, 3: 141. 1856.

Current name: *Jancaea heldreichii*

Syntype:—[Greece] In m. Olympi Thessaliae faucibus umbrosis: July 1851, T.H.H. von Heldreich s.n. ([WU 0079062](#)).

Lectotype in G-BOIS according to Kuzmanović *et al.* (2014: 248), citing a voucher with the number 2499, the same collector but a slightly different locality and more precise date. However, they erroneously describe the voucher as a single specimen that is mounted on two sheets but show a picture of one sheet with two rosettes.

Hypericaceae

Hypericum apollinis Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 105–106. 1854.

Current name: *Hypericum rumeliacum* subsp. *apollinis*

Syntype:—[Greece] In monte Parnasso. Reg. alp: 9 August 1852, T.H.H. von Heldreich 2667 ([WU 0076397](#)).

Hypericum barbatum var. *epirotum* Halácsy, Consp. Fl. Graec. 1 (2): 278. 1900.

Current name: *Hypericum barbatum*

Syntype:—[Greece] M. Smolika versus Paleoseli distr. Konitzza: 19 July 1896, A. Baldacci 311 ([WU 0076401](#)).

Hypericum cuisinii Barbey, Bull. Soc. Vaud. Sci. Nat. 21: 220. 1885.

Current name: *Hypericum cuisinii*

Syntype:—[Greece] Insel Karpatos. Auf den Mauern der Weingärten bei Elympo: 30 May 1883, T. Pichler s.n. [139] ([WU 0076407](#)).

No. 139 on the sheets in the herbaria G according to M. Mikkelsen and K ([K 000677039](#)).

Hypericum fragile Heldr. & Sartori in Boissier, Diagn. pl. orient. sér. 2, 1: 108. 1854.

Current name: *Hypericum fragile*

Syntype:—[Greece] In fissuris rupium prope Steni ad radices m. Dirphyis Euboeae: 8 October 1848, J. Sartori 1975 ([WU 0069431](#)).

Hypericum kelleri Bald., Malpighia 9: 67–68. 1895.

Current name: *Hypericum kelleri*

Syntype:—[Greece] Crete. Ad margines agrorum in Omalo distr. Khaniotika: 7 July 1893, A. Baldacci 58 ([WU 0076406](#)).

Iridaceae

Crocus peloponnesiacus Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 95. 1859.

Current name: *Crocus hadriaticus*

Syntype:—[Greece] in regione inferiori montis Malevo Laconiae (Parnon Vet.) prope Ajanni (rarus), alt. 3000': 15 October 1851/27 October 1851, T.G. Orphanides 68 ([WU 0078540](#)).

Crocus pholegandrius Orph., Bull. Congr. Internat. Bot. Hort. St. Petersbourg: 118. 1870.

Current name: *Crocus tournefortii*

Syntype:—[Greece] In Cycladum ins. Pholegandro: February – March 1869, T.G. Orphanides 1184 ([WU 0078472](#)).

Crocus sieberi var. *heterochromus* Halácsy, Consp. Fl. Graec. 3 (1): 198. 1904, *nom. illeg.: nom. superfl.* for *Crocus sieberi* var. *versicolor* Boiss. & Heldr., Fl. orient. 5 (1): 103. 1882.

Current name: *Crocus sieberi* subsp. *sieberi*

not types:—[Greece] Crète: montagne de Drakona: 30 June 1883, E. Reverchon 1815 ([WU 0078536](#)).—[Greece] Ad nivas deliquescentes m. Aphendi Kristo (Lassiti) versus distr. Rhizokastion: 15 June 1899, A. Baldacci 196 ([WU 0078537](#)).—[Greece] Montagnes de Drakona: 30 June 1883, E. Reverchon 165 ([WU 0078538](#)).—[Greece] Mont Volokia, lieux arides: 10 June 1884, E. Reverchon 165 ([WU 0078539](#)).

Gladiolus glaucus Heldr. ex Halácsy, Consp. Fl. Graec. 3 (1): 186. 1904.

Current name: *Gladiolus illyricus*

Syntype:—[Greece] Laconia borealis: in districtu Alagonia prope Megali Anastásova, alt. 3000': 1–15 June 1896, K.H. Zahn 1379 ([WU 0078457](#)).

Iris attica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 91–92. 1859.

Current name: *Iris attica*

Syntype:—[Greece] In saxosis montium Atticae Parnethi, alt. 3000–4000': 9 April 1896, T.H.H. von Heldreich 50 ([WU 0078467](#)).

Iris attica var. *variegata* Heldr., Herb. Graec. Norm.: No. 1377b, *cum diagn.* 189#.

Current name: *Iris attica*

Syntype:—[Greece] Attica: in regione media m. Parnethis, in saxosis, alt. 2500–3500': 25 March 1896, T.H.H. von Heldreich 1377 ([WU 0078459](#)).

Iris attica var. *violacea* Heldr., Herb. Graec. Norm.: No. 1377, *cum diagn.* 189#.

Current name: *Iris attica*

Syntype:—[Greece] Attica: in regione abietina super. m. Parnethis, pr. cacumen, alt. 4000': 18 April 1896, T.H.H. von Heldreich 1377 ([WU 0078458](#)).

Romulea leichtliniana Heldr. ex Halácsy, Oesterr. Bot. Z. 46 (1): 18. 1896.

Current name: *Romulea bulbocodium* (FHD)

Syntype:—[Greece] Hab. in regione media (abietina) montis Malevo Cynuriae supra pagum Hagios Joannes, ubi alt. 1200 m: 9 March 1894, [C. Leonis] s.n. ([WU 0078460](#)).

Romulea zahnii Heldr., Herb. Graec. Norm. 15: No. 1483, *cum diagn.* 1898.

Current name: *Romulea bulbocodium* (FHD)

Syntype:—[Greece] Messenia: in cistetis planitie prope Kalamata et Petalidi, solo argilloso: February 1897, K.H. Zahn s.n. ([WU 0063465](#)).

Isoetaceae

Isoëtes heldreichii Wettst., Verh. K. K. Zool.-Bot. Ges. Wien 36: 239. 1886.

Current name: *Isoetes heldreichii*

Lectotype:—[Greece] Planities Thessaliae (Thessalotis): prope Karditza submersa in palude prope Palaeo Kastron: 10 Jul 1885, T.H.H. von Heldreich s.n. ([WU 0031761](#)).

Possible type:—[Greece] Planities Thessaliae: in paludos. p. Palaeokastra: June 1885, H.K. Haussknecht s.n. ([WU 0040157](#)).

It is unclear whether Wettstein (1886) had also used Haussknecht's gathering; the hand-written copy of Haussknecht's label actually dates back to K. Keck, and the voucher lacks any annotations by Wettstein.

Lamiaceae

Calamintha incana f. *calvescens* Heldr., Herb. Graec. Norm.: No. 873b, *cum diagn.* 188#.

Current name: *Calamintha incana*

Syntype:—[Greece] Attica: in campis incultis et aggeribus prope Athenas. Ad radices Hymetti et collis Turcovuni: October – November 1884, T.H.H. von Heldreich 873b ([WU 0074347](#)).

Calamintha patavina f. *major* Hausskn., Mitth. Thüring. Bot. Vereins 11: 47. 1898.

Current name: *Acinos alpinus* subsp. *hungaricus*

Syntype:—[Greece] Klinovo, in pindo tymphaeo: 6 May 1896, P.E.E. Sintenis 198 ([WU 0074350](#)).

Calamintha suaveolens var. *viridis* Hausskn. & Heldr. in Haussknecht, Mitth. Thüring. Bot. Vereins 11: 47. 1898.

Current name: *Acinos suaveolens*

Syntype:—[Greece] Thessalia superior: in collibus circa monasteria Meteora supra Kalabaka (Aeginium veterum): 15 July 1885, T.H.H. von Heldreich s.n. ([WU 0074352](#)).

Lamium pictum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 44. 1859.

Current name: *Lamium garganicum* subsp. *pictum*

Syntypes:—[Greece] In regione superiori Parnassi alt. 7000': July 18## [1854], T.G. Orphanides 440 ([WU 0073481](#)).—[Greece] In m. Parnassi reg. alpina: August 1855, J. Guicciardi s.n. ([WU 0073482](#)).—[Greece] In locis petrosis reg mediae m. Parnassi, alt. 3500–4000': 1857, J. Guicciardi s.n. [Herb. Graec. Norm. 727] ([WU 0073483](#)).—[Greece] In reg. super. montis Parnassi prope Trypis Vrachas (rare). alt 6000–7000': 13 July 1854/25 July 1854, T.G. Orphanides s.n. ([WU 0073484](#)).

Orphanides 439 ([WU 0073635](#)) and 442 ([S 09-5669](#)) were collected in July 1854, accordingly 440 as written on the sheet must also have been collected during this period.

Lamium striatum f. *glabrescens* Heldr., Herb. Graec. Norm.: No. 1271, *cum diagn.* 1895.

Current name: *Lamium garganicum* subsp. *striatum*

Syntype:—[Greece] Attica: in regione abietina m. Parnethis, alt. 3000'–4000': 6 May 1895, T.H.H. von Heldreich 1271 ([WU 0073465](#)).

Lamium striatum var. *cylleneum* Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 45. 1859.

Current name: *Lamium garganicum* subsp. *garganicum* (FHD)

Syntypes:—[Greece] In monte Ziria (Cyllene) Peloponnesi prope Flamburitzam: 23 April 1854, T.G. Orphanides 2663 ([WU 0073463](#)).—[Greece] In monte Ziria (Cyllene) Peloponnesi prope Flamburitzam: April 1854, T.G. Orphanides 2663 ([WU 0073464](#)).

Marrubium thessalum Boiss. & Heldr. in Boissier, *Diagn. pl. orient. sér. 2, 4*: 51–52. 1859.

Current name: *Marrubium thessalum*

Isolectotype:—[Greece] In m. Olympi Thessal: 1851, T.H.H. von Heldreich s.n. ([WU 0073375](#)).

Lectotype in G-BOIS according to Baden (1991a: 82).

Mentha gryparia Heldr., *Herb. Graec. Norm.*: No. 1679, *cum diagn.* 1902.

Current name: *Mentha pulegium* (FHD)

Syntype:—[Greece] Flora Aegaea: Cycladum insula Mykonos: 5 July 1901, T.H.H. von Heldreich 1679 ([WU 0074906](#)).

Mentha tomentosa var. *viridula* Heldr., *Herb. Graec. Norm.*: No. 1574, *cum diagn.* 1900.

Current name: *Mentha spicata* subsp. *condensata*

Syntype:—[Greece] Laconia borealis: in humidis prope Megali-Anastasova districtus Alagonia: 24 July 1899, K.H. Zahn s.n. ([WU 0074885](#)).

Micromeria acropolitana Halácsy in Maire & Petitmengin, *Matér. Étude Fl. Géogr. Bot. Orient* (4): 179–180. 1908.

Current name: *Micromeria acropolitana*

Lectotype:—[Greece] In Acropolia Athenarum: 30 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1073 ([WU 0040407](#)).

We follow the lectotypification of the material in the herbarium WU-Halácsy-Graec. in Bräuchler *et al.* (2008: 367) as Maire & Petitmengin (1908) named both NCY and WU-Halácsy-Graec. without discrimination. Tan *et al.* (2010) argued, that this lectotypification might be superfluous, however, according to Turland *et al.* (2018) the two vouchers have to be considered as syntypes. In contrast to Bräuchler *et al.* (2008) and in agreement with Tan *et al.* (2010) the authorship must be attributed to Halácsy alone, as his contributions were clearly indicated in the introduction (Maire & Petitmengin (1908: 16).

Micromeria meteorica Hausskn., *Mitth. Thüring. Bot. Vereins* 11: 48–49. 1898, pro hybride [*Micromeria cremnophila* × *M. juliana*].

Current name: *Micromeria* × *meteorica* (hybrid of *M. cremnophila* and *M. juliana*)

Syntype:—[Greece] Thessalia superior: in collibus circa monasteria Meteora supra Kalabaka (Aeginium veterum): 15–16 July 1885, T.H.H. von Heldreich s.n. ([WU 0074659](#)).

Micromeria hispida Boiss. & Heldr. ex Benth., *Prodr. (DC.)* 12: 215. 1848.

Current name: *Micromeria hispida*

Syntype:—[Greece] In rupestribus pr. Kainurio Chorio (Eparchia Mirabello) Cretae: 21 April 1846, T.H.H. von Heldreich 1422 ([WU 0074660](#)).

Nepeta heldreichii Halácsy, *Consp. Fl. Graec.* 2 (2): 539. 1902.

Current name: *Nepeta camphorata*

Isolectotype:—[Greece] M. Taygetus, in regione abietina superiori (l. classico et unico!): July 1897, T.H.H. von Heldreich s.n. ([WU 0074340](#)).

Lectotype in G according to Baden (1987: 16).

Nepeta orphanidea Boiss., *Diagn. pl. orient. sér. 2, 4*: 22. 1859.

Current name: *Nepeta orphanidea*

Isolectotype:—[Greece] In regione media (et sup.) montis Malevo Laconiae (Παρών) prope Kastanitzam (rara), 4500–5500': 14 July 1850/26 July 1850, T.G. Orphanides 84 ([WU 0073793](#)), authentic specimen for *Nepeta laconica* Orph. ex Nyman (quod vide in Catalogue B).

Lectotype in G-BOIS according to Baden (1987: 16).

Origanum lirium Heldr. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 192. 1899, pro hybride [*Origanum pulchrum* × *O. hirtum*].

Current name: ***Origanum lirium***

Syntypes:—[Greece] Euboea, in regione abietina montis Dirphyis l. d. Elatakia, circa fontem Liri, 4000': 20 August 1895, T.H.H. von Heldreich 783b (WU 0074687).—[Greece] In montibus Delphi (Dirphye veter.) et Xirobuni Euboeae, alt 4000'–5000': 15 July 1880, T.H.H. von Heldreich 783 (WU 0074688).

Origanum scabrum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 7: 48. 1846.

Current name: ***Origanum scabrum***

Original material:—[Greece] In reg. super. mt. Taygeti Laconiae: July 1844, T.H.H. von Heldreich s.n. (WU 0074683).

Boissier (1846b) cited “Aug 1844” in the protologue; the corresponding type material in the herbarium G was collected in August 1844, the date given on the voucher in the herbarium WU-Halácsy-Graec. is probably a mistake. However, the material was collected by Heldreich and distributed as *O. scabrum* and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018).

The lectotypification according to Ietswaart *et al.* (1972: 444) is not specific enough as there are at least two vouchers with identical labels in herbarium G as well as four in herbarium G-BOIS and neither of them was indicated as the lectotype.

Salvia eichleriana Heldr. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 191. 1899.

Current name: ***Salvia eichleriana***

Syntypes:—[Greece] In m. Pelio: reg super., rar. 3500': 28 July 1882, T.H.H. von Heldreich 40 (WU 0030347).—[Greece] In m. Pelio: reg super. inter Pterides supra Drakia, rar. 3500': 28 July 1882, T.H.H. von Heldreich 40 (WU 0034357, WU 0034358).—[Greece] In m. Pelio: reg super. supra Drakia, rar. 3500': 28 July 1882, T.H.H. von Heldreich 40 (WU 0034359).

Satureja hellenica Heldr. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 192. 1899.

Current name: ***Satureja hellenica***

Syntypes:—[Greece] Euboea ins.: m. Dirphys: 15–25 August 1895, T.H.H. von Heldreich s.n. (WU 0074670).—[Greece] M. Dirphys Euboeae: 15–25 August 1895, C. Leonis s.n. (WU 0074671).

Possible type:—[Greece] In m. Dirphys Euboeae, alt 4000'–5100': August 1848 & August 1858, T.H.H. von Heldreich s.n. (WU 0074669).

Halácsy (1899) referred to recently collected material (“nach jüngst gesammelten ... Exemplaren”), thus the status of the Heldreich specimens collected in 1848 remains unclear.

Satureja parnassica* var. *macrophylla Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 191. 1899.

Current name: ***Satureja montana*** (FHD)

Syntypes:—[Greece] m. Korax: August 1896, B. Tuntas & C. Leonis s.n. (WU 0074678).—[Greece] m. Korax Aetoliae: August 1896, B. Tuntas s.n. (WU 0074680).—[Greece] Sermeniko: in mte. Kokkino Lithari: 21 August 1896, P.E.E. Sintenis 1141b (WU 0074679).

Sideritis euboea Heldr., Delt. Physiogn. Tmem. Syll. Parn.: 4. 1900.

Current name: ***Sideritis euboea***

Isolectotype:—[Greece] In saxosis reg. super. m Delphi Euboeae (Dirphyis Veterum) - copiose ad cacumina Xirobuni, alt. 4500–5000': August 1880, T.H.H. von Heldreich 793 (WU 0073177).

Syntype:—[Greece] In monte Dirphye (Delphi hod.) Euboeae: 10–17 July 1880, T.H.H. von Heldreich s.n. (WU 0073178).

Lectotype in K according to Papanikolaou & Kokkini (1982: 125) and Baden (1991b: 89), however citing 3 Aug. 1858 as collecting date.

Sideritis florida Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 31. 1859.

Current name: ***Sideritis scardica***

Syntype:—[Greece] In m. Olympi reg. media, Thessalia: July 1851, T.H.H. von Heldreich s.n. (WU 0073181).

Sideritis raeseri Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 30. 1859.

Current name: *Sideritis raeseri*

Isolectotype:—[Greece] In rupestribus reg. mediae et super. m. Parnassi, alt. 4000–6500': August 1856, T.H.H. von Heldreich 490 ([WU 0073180](#)).

Syntype:—[Greece] M. Parnassus, alt. 5000': July 18##, T.G. Orphanides 429 ([WU 0073179](#)).

Lectotype in G according to Papanikolaou & Kokkini (1982: 117) and Baden (1991b: 85).

Stachys alpina var. *discolor* Boiss., Fl. orient. 4 (2): 719. 1879.

Current name: *Stachys alpina*

Syntype:—[North Macedonia] In m. Peristeri Macedoniae, 5500–6500': 31 July 187#, T.G. Orphanides 1044 ([WU 0073718](#)), syntype for *Stachys reinerti* Heldr. (quod vide in Catalogue A).

The correct collecting year could be 1862 as Orphanides travelled to North Macedonia in that year according to vouchers in LD and WU, including one from the summit of Mt. Peristeri/Pelister ([WU 0074685](#)).

Stachys cretica f. *major* Heldr., Herb. Graec. Norm.: No. 1169, cum diagn. 189#.

Current name: *Stachys cretica* subsp. *cretica*

Syntype:—[Greece] Attica: in dumosis m. Pentelici, ad coenobium Mendeli, alt. 1300': 24 May 1891, T.H.H. von Heldreich 1169 ([WU 0073497](#)).

Stachys dolopica Formánek, Deutsche Bot. Monatschr. 15: 75. 1897.

Current name: *Stachys plumosa* subsp. *freyonii*

Syntype:—[Greece] M. Ghavellu in Thessalia: 3 August 1896, E. Formánek s.n. ([WU 0071538](#)).

Stachys heldreichii Boiss., Fl. orient. 4 (2): 721–722. 1879.

Current name: *Stachys germanica* subsp. *heldreichii*

Syntype:—[Greece] In maritimis Euboeae septentrionalis pr. Oreos: 11 July 187#, T.G. Orphanides 1045 ([WU 0073633](#)).

Stachys ionica Halácsy, Consp. Fl. Graec. suppl. 1: 85–86. 1908.

Current name: *Stachys ionica*

Syntypes:—[Greece] Zante: 9 April 1902, A. von Sterneck 408 ([WU 0077859](#)).—[Greece] Leucas: auf den Felswänden des Cap Zuana westlich von Amaxichi: 15 May 1878, G.C. Spreitzenhofer 283 ([WU 0077860](#)).

Stachys italica var. *albiflora* Halácsy, Consp. Fl. Graec. 2 (2): 519. 1902.

Current name: *Stachys cretica* subsp. *cretica* (FHD)

Syntype:—[Greece] Arcadia: in rupstribus calcareis regionis abietinae prope coenobium Megaspilaeon, alt. 800–900 m: 16 June 1893, E. von Halácsy s.n. ([WU 0073619](#)).

Stachys mucronata Sieber ex Spreng., Syst. veg. (ed. 16) 2: 733. 1825.

Current name: *Stachys mucronata*

Syntype:—[Greece] Stia [sic!] - Creta: s.d., F.W. Sieber 95 ([WU 0073776](#)).

Stachys penicillata Heldr. & Sartori ex Boiss., Diagn. pl. orient. sér. 2, 4: 37. 1859.

Current name: *Stachys germanica* subsp. *penicillata*

Syntypes:—[Greece] In reg. alpina m. Parnassi. alt 6000': 19 August 1856, T.H.H. von Heldreich 91 ([WU 0073618](#)).—[Greece] In mont Parnasso prope Kedrozasteno (rare). 6000': 5 July 1854/17 July 1854, T.G. Orphanides 439 ([WU 0073635](#)).

Stachys reinerti Heldr. in Murbeck, Acta Univ. Lund. 27 (5): 62. 1891.

Current name: *Stachys tymphaea*

Syntype:—([WU 0073718](#)), syntype for *Stachys alpina* var. *discolor* Boiss. (quod vide in Catalogue A).

Stachys spreitzenhoferi Heldr., Oesterr. Bot. Z. 30 (11): 344–346. 1880.

Current name: *Stachys spreitzenhoferi*

Syntype:—[Greece] Cerigo: an den Felswänden des alten Forts in Kapsali: June 1880, G.C. Spreitzenhofer s.n. ([WU 0073777](#)).

Stachys sylvatica var. *pallida* Hausskn., Mitth. Thüring. Bot. Vereins 11: 41. 1898.

Current name: *Stachys sylvatica*

Syntype:—[Greece] Agrapha (Dolopia veterum): in oropedio Neuropolis reg. infer. Pindi, prope Pezula, alt. 3500': 29 June 1885, T.H.H. von Heldreich s.n. ([WU 0073725](#)).

Teucrium aroanium Orph. ex Boiss., Diagn. pl. orient. sér. 2, 4: 55. 1859.

Current name: *Teucrium aroanium*

Syntype:—[Greece] in regione superiori montis Chelmos Peloponnesi (Αροάνια όρη Pausan.) prope Stygem (rarum). 4500'–5800': 17 July 1851/29 July 1851, T.G. Orphanides 102 ([WU 0073006](#)).

Teucrium gossypinum Rech. f., Denkschr. Akad. Wiss. Wien, Math.-Naturwiss. Kl. 105 (2, I. Abteilung): 115. 1943.

Current name: *Teucrium alpestre*

Syntype:—[Greece] Distrikt Hagios Vasilis. Hag. Galinis: 18 May 1904, I. Dörfler 599 ([WU 0073105](#)).

Teucrium halacsyanum Heldr., Oesterr. Bot. Z. 29 (8): 241–242. 1879.

Current name: *Teucrium halacsyanum*

Syntype:—[Greece] Flora Aetolica: in rupibus maritimis ad viam “Kakiskala” prope Antirrhium: 25 May 1878, T.H.H. von Heldreich s.n. ([WU 0073010](#)).

Teucrium halacsyanum f. *laxa* Halácsy, Consp. Fl. Graec. 2 (2): 471. 1902.

Current name: *Teucrium halacsyanum*

Syntype:—[Greece] Aetolia. In rupestribus calcareis mt. Chalkis (Varassova hodie) ad sinum Patranum, 20–50 m: 8 June 1893, E. von Halácsy s.n. ([WU 0073017](#)).

Teucrium helianthemoides Adamović, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 74: 136. 1904.

Current name: *Teucrium montanum* subsp. *helianthemoides*

Syntype:—[Greece] In Olympo thessalo: June 1902, Kindl s.n. ([WU 0073104](#)).

Teucrium montanum var. *modestum* Heldr., Herb. Graec. Norm. 15: No. 1464, *cum diagn.* 1898.

Current name: *Teucrium montanum* subsp. *montanum*

Syntype:—[Greece] M. Taygetus, in regione alpina l. d. Megala Zonaria, alt. 6000': August 1897, T.H.H. von Heldreich 1464 ([WU 0073103](#)).

Teucrium polium var. *bombycinum* Heldr., Herb. Graec. Norm.: No. 1363, *cum diagn.* 189#.

Current name: *Teucrium capitatum*

Syntype:—[Greece] Attica: In saxosis regionis superioris m. Hymetti, 2500–3000': 15 July 1896, [K.H. Zahn?] s.n. [Herb. Graec. Norm. 1363] ([WU 0073106](#)).

Probably collected by K.H. Zahn (cf. [WU 0079155](#)).

Thymus aivalii Heinr. Braun, Mitt. Naturwiss. Vereines Steiermark 54: 261–262. 1918.

Current name: *Thymus comptus*

Syntype:—[Greece] Planities Thessaliae (Thessaliotis): in collibus herbosis prope Aivali [Αϊβαλί = Κυδωνίες (Kydonies) = Ayvalýk] (inter Pheras et Pharsalum): 15 June 1885, T.H.H. von Heldreich s.n. ([WU 0074813](#)).

Thymus atticus Čelak., Flora 65 (36): 564–565. 1882.

Current name: *Thymus atticus*

Syntypes:—[Greece] In Hymetti & Pentelici montium Atticae saxosis freq., alt 3000': June 185#, T.H.H. von Heldreich 291 ([WU 0074800](#)).—[Greece] In Hymetti & Pentelici montium Atticae saxosis freq., alt 3000' m. Parnes: 18 June 1877, T.H.H. von Heldreich 291 ([WU 0074801](#)).

With exception of the date, which was changed to 1877 on one sheet both vouchers have identical labels, thus most likely both were collected in 1877.

Thymus boissieri Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 252–254, tab. III, fig. 2. 1894.

Current name: *Thymus boissieri*

Isolectotype:—[Greece] Epirus boreali-orientalis. In cacumine mt. Peristeri. Alt. 2196 m: 14 July 1893, E. von Halácsy s.n. ([WU 0074723](#)), syntype for *Thymus boissieri* var. *viridis* Halácsy (quod vide in Catalogue A).

Lectotype in PRC ([PRC 454094](#)) designated by Jalas (1971: 248).

Thymus boissieri var. *ciliatopubescens* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 253–254. 1894.

Current name: *Thymus boissieri*

Lectotype:—[Kosovo vel Macedonia] Scardus, in locis saxosis montis Kobilica, ca. 1800 m: 31 July 1890, I. Dörfler s.n. ([WU 0074733](#)).

Syntypes:—[Greece] Doris: in regione alpina mt. Kionae, alt 6000': 12 July 1888, E. von Halácsy s.n. ([WU 0074735](#)).—[Albania] In rupestribus alpinis m. Kudesi distr. Vallona: 27 June 1892, A. Baldacci 85 ([WU 0074737](#)).

Lectotype designated by Bartolucci & Walter (2015: 139).

Thymus boissieri var. *viridis* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 253–254. 1894.

Current name: *Thymus boissieri*

Syntypes:—[Greece] in reg. super. m. Ossaë Thessal: July 1884, T.H.H. von Heldreich s.n. ([WU 0074731](#)).—([WU 0074723](#)), syntype for *Thymus boissieri* Halácsy (quod vide in Catalogue A).

Thymus capitatus var. *albospinosus* Bald., Malpighia 9: 340–341. 1895.

Current name: *Thymbra capitata*

Syntype:—[Greece] In alpestri m. Ida distr. Amari: 10 August 1893, A. Baldacci 164 ([WU 0074705](#)).

Thymus cherlerioides Vis., Ill. Piante Grecia: 8. 1842. Visiani Mem. Reale Ist. Veneto Sci. 1: 44–45. 1843.

Current name: *Thymus cherlerioides*

Isolectotype:—[Turkey] M. Ida: in jugo: 22 June 1883, P.E.E. Sintenis 1176 ([WU 0074724](#)), isolectotype for *Thymus humillimus* Čelak. (quod vide in Catalogue A).

Neotype according to Jalas (1982: 355).

Thymus dolopicus Formánek, Deutsche Bot. Monatsschr. 15: 75. 1897.

Current name: *Thymus dolopicus*

Lectotype:—[Greece] M. Ghavellu in mon. Agrapha Thessaliae: 3 August 1896, E. Formánek s.n. ([WU 0074790](#)).

Lectotype designated by Baden (1991c: 148).

Thymus dominii Velen., Beih. Bot. Centralbl., Abt. 2 19 (2): 283. 1906.

Current name: *Thymus sibthorpii* (according to Dimopoulos *et al.* 2017 onwards), however J. Jalas in 1969 annotated one of the two corresponding vouchers in K ([K 001070038](#)) as *Thymus* ×*korbii* (hybrid of *Th. longicaulis* and *Th. striatus*).

Syntype:—[Greece] Wutades in Pindo tymphaeo: 1 June 1896, P.E.E. Sintenis 462 ([WU 0074806](#)).

Thymus euboicus Halácsy, Consp. Fl. Graec. 2 (2): 260. 1902.

Current name: *Thymus leucotrichus* ?

Syntype:—[Greece] Euboea: Delphi: Auf d. Gipfel: 28 July 1901, C. Leonis 38 ([WU 0074789](#)).

A taxon of uncertain status, possibly conspecific with *T. leucotrichus*. In Dimopoulos *et al.* (2017 onwards) it is listed as a synonym of *T. dolopicus*, a rare species from the mountains of C and N Greece which does not occur on Evvia (Strid 2016).

Thymus humillimus Čelak., Flora 67 (29): 534–535. 1884.

Current name: *Thymus cherlerioides*

Isolectotype:—(WU 0074724), isoneotype for *Thymus cherlerioides* Vis. (quod vide in Catalogue A).

Lectotype in PRC (PRC 454103) designated by Jalas (1971: 248).

Čelakovský (1884) cited the same locality and collector but July 1883 as collecting date in the protologue. However, the lectotype in PRC is lacking a date and the isolectotype in WU main collection (WU 0070298) is dated July 1883, all mentioned vouchers have the same number (1176).

Thymus korthiaticus Adamović ex Ronniger, Repert. Spec. Nov. Regni Veg. 20 (6–21 (561/576)): 334–335. 1924.

Current name: *Thymus sibthorpii*

Syntype:—[Greece] In summa regione mt. Korthiati: July 1906, L. Adamović s.n. (WU 0074826).

Thymus leucotrichus Halácsy, Consp. Fl. Graec. 2 (2): 561. 1902.

Current name: *Thymus leucotrichus* subsp. *leucotrichus*

Syntypes:—[Greece] M. Chelmos Peloponnesi ad fontem Stygis: July 1854, T.G. Orphanides s.n. (WU 0074791).—

[Greece] (Legi) in monte Chelmos Peloponnesi, supra Stygem, alt. 5500': 18 July 1851, T.G. Orphanides s.n. (WU 0074792).—[Greece] (Legi) in monte Cyllene Peloponnesi: 27 June 1851, T.G. Orphanides 2018 (WU 0074793).

It remains unclear why C. Baden (1991c) cited the Orphanides voucher from Mt. Kyllene as holotype as the protologue cited three different gatherings.

Thymus leucotrichus var. *degenii* Halácsy, Consp. Fl. Graec. 2 (2): 561. 1902.

Current name: *Thymus leucotrichus* subsp. *leucotrichus*

Syntype:—[Greece] In rupestribus altiss. m. H. Pneuma (Asprovouna): 21–22 July 1893, A. Baldacci 137 (WU 0074799).

Thymus ocheus Heldr. & Sartori ex Boiss., Diagn. pl. orient. sér. 2, 4: 6–7. 1859.

Current name: *Thymus longicaulis* subsp. *chaubardii*

Syntype:—[Greece] Eliasberg (Ocha der Alten) bei Karysto in Süd-Euboea: 1 June 1847, J. Sartori s.n. (WU 0074814).

Thymus parnassicus Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 254. 1894.

Current name: *Thymus parnassicus*

Syntype:—[Greece] In regione alpina montis Parnassi, alt. 6000': 16 July 1888, E. von Halácsy s.n. (WU 0074734).

Thymus serpyllum var. *chaubardii* Boiss. & Heldr. ex Rechb. f., Icon. fl. germ. helv. 18: 37. 1856.

Current name: *Thymus longicaulis* subsp. *chaubardii*

Isolectotype:—[Greece] In montibus Graeciae (Vulg.) Ερωλλος ? Antiq. In monte Ozia Atticae. 1000–5000': 27 May 1854/8 June 1854, T.G. Orphanides 396 (WU 0074807), authentic specimen for *Thymus chaubardii* Boiss. & Heldr. (quod vide in Catalogue C).

Lectotype in WU (WU 0070473) designated by Jalas (1971: 264) and by Baden (1991c: 160).

Thymus tymphrestus Halácsy, Consp. Fl. Graec. 2 (2): 560. 1902.

Current name: *Thymus boissieri*

Syntype:—[Greece] In m. Tymphresto (nunc Veluchi) Eurytaniae. In regione alpina, alt. 5500'–7140': 9 August 1879, T.H.H. von Heldreich s.n. (WU 0074788).

Liliaceae

Fritillaria ehrhartii Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 105. 1859.

Current name: *Fritillaria ehrhartii*

Syntype:—[Greece] In insula Syro prope Coinos (rare): 30 March 1856/11 April 1856, T.G. Orphanides 845 (WU 0079067).

Boissier (1859a) cited collections by Orphanides in 1849 and 1856. Thus, Rix (1979) erroneously postulated the existence of a holotype in G-BOIS.

Fritillaria graeca* var. *unicolor Halácsy, Consp. Fl. Graec. suppl. 1: 103. 1908.

Current name: ***Fritillaria graeca***

Syntype:—[Greece] Graecia: in subalpinis mt. Taygetos: May 1905, L. Adamović 918 ([WU 0078992](#)).

Fritillaria guicciardii* var. *zahnii Heldr. ex Halácsy, Magyar Bot. Lapok 11 (5–8): 193. 1912.

Current name: ***Fritillaria graeca***

Syntype:—[Greece] Laconia borealis, in faucibus umbrosis m. Taygeti (Langada Kastanias) in districtu Alagonia: 30 April 1901, K.H. Zahn s.n. [Herb. Graec. Norm. 1695] ([WU 0078991](#)), authentic specimen for ***Fritillaria zahnii*** Heldr. (quod vide in Catalogue B).

Heldreich (1902) on the label of his series only gives the name *Fritillaria zahnii* and refers to a projected publication (“Monogr. specier. Fritill. Fl. Graec. inedit.”), which however remained unpublished. Subsequently the name appeared in the horticultural journal *Le Jardin* (Le Texnier 1911) but according to Art. 38.3 (Turland *et al.* 2018) it remains doubtful if the given properties qualify as a diagnosis. Thus, we consider Halácsy’s (1912) treatment as the first valid description.

Fritillaria ionica Halácsy, Consp. Fl. Graec. 3 (1): 219–220. 1904.

Current name: ***Fritillaria ionica* subsp. *ionica***

Lectotype:—[Greece] Corfu auf dem Sankta Dekka Berg unmittelbar ober dem Eintritt auf das Feld des alten Klosters am Weg unter Gestrüpp: s.d., Arthaber s.n. ([WU 0063466](#)).

Syntype:—[Greece] Unter dem Gipfel des Pantokrator, in Gebüsch. selten! stimmt mit den Dekka-ex. überein: 3 May 1896, C.G. Baenitz 178 ([WU 0063467](#)).

Lectotype designated by Kamari (1991: 682).

Fritillaria rhodocanakis Orph. ex Baker, J. Bot. 16: 323–324. 1878.

Current name: ***Fritillaria rhodocanakis* subsp. *rhodocanakis***

Syntype:—[Greece] In insula Hydra: 3–10 April 1876, T.H.H. von Heldreich s.n. ([WU 0078993](#)).

Fritillaria thessala* subsp. *reiseri Kamari in Strid & Tan, Mountain Fl. Greece 2: 682. 1991.

Current name: ***Fritillaria ionica* subsp. *reiseri***

Holotype:—[Greece] Insel Petala. (westl. v. Akarn.): 15 March 1897, O. Reiser s.n. ([WU 0063468](#)).

Gagea amblyopetala Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 7: 107. 1846.

Current name: ***Gagea amblyopetala***

Syntype:—[Greece] Flora Attica: in reg. abietina m. Parnethis, rara: April 1844, T.H.H. von Heldreich 104 ([WU 0079071](#)).

Gagea amblyopetala* subsp. *heldreichii A. Terracc., Bull. Herb. Boissier, sér. 2, 6 (2): 119–120. 1906.

Current name: ***Gagea heldreichii***

Isolectotype:—[Greece] Attica: in regione abietina m. Parnethis (l. d. Koromilla) rarius, alt. 4000’: 31 March – 5 April 1895, T.H.H. von Heldreich 1290 ([WU 0068005](#)), syntype for ***Gagea amblyopetala* var. *montana*** Pascher (quod vide in Catalogue A).

Lectotype in NAP according to Peruzzi & Tison (2004: 327).

Gagea amblyopetala* var. *montana Pascher, Sitzungsber. Deutsch. Naturwiss.-Med. Vereins Böhmen “Lotos” Prag, N. S. 24: 121. 1904.

Current name: ***Gagea heldreichii*** (FHD)

Syntype:—[Greece] Attica: in regione abietina m. Parnethis (l. d. Koromilla) rarius, alt. 4000’: 31 March 1895, T.H.H. von Heldreich 1290 ([WU 0068005](#)), isolectotype for ***Gagea amblyopetala* subsp. *heldreichii*** A. Terracc. (quod vide in Catalogue A).

Gagea arvensis var. *guicciardii* A. Terracc., Bull. Herb. Boissier, sér. 2, 5 (12): 1127. 1905.

Current name: *Gagea villosa*

Syntype:—[Greece] Attica: in silvis abietinis m. Parnethis, alt. 3800', rar: 24 April 1896, T.H.H. von Heldreich 1383 (WU 0079070), authentic specimen for *Gagea guicciardii* Heldr. (quod vide in Catalogue B), authentic specimen for *Gagea guicciardii* Heldr. ex Nyman (quod vide in Catalogue B).

Gagea reticulata var. *fibrosa* Boiss., Fl. orient. 5 (1): 208. 1882.

Current name: *Gagea rigida* (FHD)

Syntypes:—[Greece] Syra: 5 January 1870/17 January 1870, T.G. Orphanides 560 (WU 0079072).—[Greece] Legi in Insula Syro: 5 January 1870/17 January 1870, T.G. Orphanides 560 (WU 0079073).

Tulipa doerfleri Gand., Fl. Cret.: 102. 1916.

Current name: *Tulipa doerfleri*

Syntypes:—[Greece] Kreta. Distrikt Hagios Vasilis. Hochtal am Nordwestabhange des Kedros, ca. 800 m: 28 April 1904, I. Dörfler 182 (WU 0099193).—[Greece] Creta. Auf Äckern und an Bachrändern in einem subalpinen Tale am Kedros-Gebirge: 28 April 1904, I. Dörfler s.n. (WU 0099194).

Tulipa euanthiae Orph. ex Boiss., Diagn. pl. orient. sér. 2, 4: 100. 1859.

Current name: *Tulipa undulatifolia*

Syntype:—[Greece] In monte Malevo Laconiae prope Xirocampi supra Hajos Joannis (rarissime), alt. 3500': 27 April 1857/9 May 1857, T.G. Orphanides 844 (WU 0079074).

First published as *T. euanthiae*, the “n” is to be taken as a printing error that had been corrected by Boissier himself (1882: 195). Halácsy (1904a) ignored this without giving a comment.

Tulipa hageri Heldr., Gartenflora 23: 97, tab. 790. 1874.

Current name: *Tulipa hageri*

Syntype:—[Greece] In oropedio Megalo Chorafi montis Parnethis Atticae, infra Dekeleiam, alt. 1632': 14 April 1876 & 13 April 1862, T.H.H. von Heldreich & F. Hager 811 (WU 0079075).

Two dates are given on the label, one only after publication of the protologue, thus probably only part of the material represents original specimens.

Tulipa orphanidea Boiss. ex Heldr., Gartenflora 11: 309. 1862.

Current name: *Tulipa orphanidea*

Syntypes:—[Greece] In monte Malevo Laconiae prope Hajos Petros (rare), alt. 3000': 26 April 1857/8 May 1857, T.G. Orphanides 843 (WU 0079076, WU 0079077), authentic specimens for *Tulipa crocata* Orph. (quod vide in Catalogue B).

Linaceae

Linum gyaricum Vierh., Verh. zool.-bot. Ges. Wien 69: 103–107, fig. 1. 1919.

Current name: *Linum gyaricum*

Syntypes:—[Greece] Sporaden Insel Jura: 27 May 1894, O. Reiser s.n. (WU 0076389).—[Greece] Insula Jura (Gyaros veterum): 25 May – 9 June 1896, C. Leonis s.n. (WU 0076390).

Linum hirsutum var. *spathulatum* Halácsy & Bald. in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 42: 576. 1893.

Current name: *Linum hirsutum* subsp. *spathulatum*

Syntype:—[Albania] In silvis Abietinarum sub. m. Cika (Acroceraunia): 13 July 1892, A. Baldacci 115 (WU 0076383).

Halácsy (1893) cited no. 105, which is most likely a misprint.

Malvaceae

Althaea heldreichii Boiss., Diagn. pl. orient. sér. 2, 1: 103. 1854.

Current name: *Alcea heldreichii*

Syntype:—[Greece] In faucibus m. Korthiati pr. Thessalonicam (supra molas) 1500': 10 July 1851, T.H.H. von Heldreich 2339 ([WU 0076393](#)).

Lavatera thuringiaca var. *longiloba* Halácsy, Consp. Fl. Graec. 1 (2): 267. 1900.

Current name: *Malva thuringiaca* subsp. *ambigua* (FHD)

Syntype:—[Greece] Epirus australis. In locis humidis silvarum prope pagum Kalentini ad septentrionem urbis Arta. Alt. 500 m: 7 July 1893, E. von Halácsy s.n. ([WU 0076395](#)).

Orchidaceae

Cephalanthera cucullata Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 13: 12–13. 1854.

Current name: *Cephalanthera cucullata*

Syntype:—[Greece] Crete: in pinetis montium Lassiti Cretae, supra Males, alt. 4000': 7 May 1846, T.H.H. von Heldreich 1482 ([WU 0059364](#)).

Ophrys arachnites var. *attica* Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 91. 1859.

Current name: *Ophrys umbilicata* subsp. *attica* (FHD)

Syntypes:—[Greece] In Attica: inter Stavros et Athenas: April 1852, T.G. Orphanides s.n. ([WU 0059370](#), [WU 0059371](#)).

Ophrys argolica H. Fleischm. ex Vierh., Verh. zool.-bot. Ges. Wien 69 (6/9): 295–296, figs. 2, 3. 1919.

Current name: *Ophrys argolica* subsp. *argolica*

Syntypes:—[Greece] Argolis. Tiryns: 17 April 1911, E. von Halácsy s.n. ([WU 0059458](#)).—[Greece] supra Naupliam Peloponnesi: 15 April 1857/27 April 1857, T.G. Orphanides 3375 ([WU 0059459](#)).

Ophrys fuciflora var. *maxima* H. Fleischm., Oesterr. Bot. Z. 74 (7–9): 188–189, tab. 2, fig. 4. 1925.

Current name: *Ophrys holoserica* subsp. *holoserica*

Lectotype:—[Greece] Creta orient. Distr. Viano. prope Christos: 7 April 1900, C. Leonis s.n. ([WU 0040139](#)).

Lectotype designated by Paulus (2001: 54).

Ophrys mammosa f. *parnassica* Vierh., Verh. zool.-bot. Ges. Wien 69 (6/9): 294. 1919.

Current name: *Ophrys sphegodes* subsp. *mammosa*

Possible type:—[Greece] bei Messolonghi: 4 April 1897, O. Reiser s.n. ([WU 0059469](#)).

Vierhapper (1919c) cited this specimen as probably belonging to the same taxon.

Ophrys omegaifera H. Fleischm., Oesterr. Bot. Z. 74 (7–9): 184–185, tab. 2, fig. 1. 1925.

Current name: *Ophrys omegaifera*

Syntype:—[Greece] Creta orient. Distr. Viano. prope Christos: 7 April 1900, C. Leonis s.n. ([WU 0059369](#)).

Orchis longicruris var. *breviloba* Halácsy, Consp. Fl. Graec. suppl. 1: 100. 1908.

Current name: *Orchis italica*

Syntypes:—[Greece] Malaxa, lieux incultes: 12 May 1883, E. Reverchon 162 ([WU 0078465](#)).—[Greece] Korfu - Corcyra - Strasse bei Govino Wiesen: 15 April 1905, G. Kraskovits s.n. ([WU 0078466](#)).

Orchis quadripunctata var. *macrochila* Halácsy, Consp. Fl. Graec. 3 (1): 172. 1904.

Current name: *Orchis quadripunctata*

Syntype:—[Greece] Crete orient. Distr. Viano. Prope Christos: 7 April 1900, C. Leonis s.n. ([WU 0078443](#)).

Serapias vomeracea f. *platylottis* Vierh., Oesterr. Bot. Z. 66 (5–6): 162, fig. 7(7). 1916.

Current name: *Serapias vomeracea*

Syntype:—[Greece] Insula Kimolos: 18 March 1889, T.H.H. von Heldreich & E. von Halácsy s.n. ([WU 0059367](#)).

Serapias vomeracea f. *platypetala* Vierh., Oesterr. Bot. Z. 66 (5–6): 160–161, fig. 7(5–6). 1916.

Current name: *Serapias vomeracea*

Syntype:—[Greece] Creta orient. Distr. Hierapetra. Prope Michti: 13 April 1900, C. Leonis 118 ([WU 0059366](#)).

Serapias wettsteinii H. Fleischm., Oesterr. Bot. Z. 74 (7–9): 190–191, tab. 2, fig. 8. 1925.

Current name: *Serapias bergonii*

Syntype:—[Greece] Creta orient. Distr. Hierapetra, prope Michti: 13 April 1900, C. Leonis s.n. ([WU 0059368](#)).

Orobanchaceae

Parentucellia latifolia var. *pycnantha* Heldr., Herb. Graec. Norm.: No. 1570, *cum diagn.* 1900.

Current name: *Bellardia latifolia*

Syntype:—[Greece] Flora Cycladum: In collibus insulae Cythni: 3 April 1900, B. Tuntas s.n. ([WU 0072767](#)).

Papaveraceae

Corydalis blanda var. *purpurea* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 228. 1894.

Current name: *Corydalis blanda* subsp. *blanda*

Syntype:—[Greece] Epirus orientalis. In regione superiori mt. Tsumerka supra pagum Theodoriana. Alt. 1600 m: 9 July 1893, E. von Halácsy s.n. ([WU 0075861](#)).

Corydalis parnassica Orph. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 9. 1859.

Current name: *Corydalis blanda* subsp. *parnassica*

Isolectotype:—[Greece] In regione super. montis Parnassi prope Trypios Vrachos rara, alt. 6000': 12 July 1854/24 July 1854, T.G. Orphanides 325 ([WU 0075862](#)).

Lectotype in G-BOIS according to Lidén (2002: 102).

Corydalis rutifolia var. *subuniflora* Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 11–12. 1849.

Current name: *Corydalis uniflora*

Syntype:—[Greece] In montibus Lassiti Cretae, alt. 5500', rariss: May 1846, T.H.H. von Heldreich 1495 ([WU 0075851](#)).

Hypocoum torulosum Å.E. Dahl, Pl. Syst. Evol. 163: 268–270, figs. 1D, 34, 36. 1989.

Current name: *Hypocoum torulosum*

Isotype:—[Greece] Attica: in arenosis maritimis Phaleri: 12 April 1891, T.H.H. von Heldreich 1108 ([WU 0040151](#)).

Holotype in W (Dahl 1989).

Pinaceae

Abies borisii-regis Mattf., Notizbl. Bot. Gart. Berlin-Dahlem 9 (84): 235–237, 246. 1925.

Current name: *Abies borisii-regis*

Isolectotype:—[Greece] Olympos: 16 September 1889, P.E.E. Sintenis 1870 ([WU 0080312](#)).

Syntype:—[Greece] Olymp: Hag. Dionys: 30 July 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1489 ([WU 0080313](#)).

Lectotype in B according to Farjon (1993: 111), who erroneously cited 1899 as collection date.

Plantaginaceae

Globularia stygia Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 60–61. 1859.

Current name: *Globularia stygia*

Isolectotype:—[Greece] Mons Chelmo, ad fontem Stygis: 29 June 1852, T. G. Orphanides s.n. ([WU 0106617](#)).

Lectotype in G-BOIS according to Milletti & Strid (1991: 259).

Linaria commutata var. *polygonoides* Halácsy, Consp. Fl. Graec. 2 (2): 416. 1902.

Current name: *Kickxia commutata*

Syntypes:—[Greece] Marais de Platania: 15 June 1883, E. Reverchon 119 ([WU 0070464](#), [WU 0070465](#)).

Plantago arenaria var. *divaricata* Boiss., Fl. orient. 4 (2): 892. 1879.

Current name: *Plantago indica*

Syntype:—[Greece] Legi in arenosis maritimis prope Astras Peloponnesi: 21 June 1850/3 July 1850, T.G. Orphanides 2951 ([WU 0077756](#)), authentic specimen for *Plantago arenaria* var. *maritima* Boiss. (quod vide in Catalogue C).

Plantago brutia var. *epirotta* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 255. 1894.

Current name: *Plantago media* subsp. *pindica* (FHD)

Syntypes:—[Greece] Epirus orientalis. In pascuis alpinis mt. Tsumerka supra pagum Theodoriana. Alt. 2200 m. Rare: 9 July 1893, E. von Halácsy s.n. ([WU 0063289](#)).—[Greece] Epirus orientalis. In pascuis alpinis mt. Strungula supra pagum Melisurgi rare. Alt. 1800 m: 10 July 1893, E. von Halácsy s.n. ([WU 0063290](#)).

Plantago graeca Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 38: 761–762. 1888.

Current name: *Plantago atrata* subsp. *graeca*

Lectotype (**designated here**):—[Greece] Doris: in regione alpina mt. Kionae alt. 7000', caespites densissimos formans: 12 July 1888, E. von Halácsy s.n. ([WU 0063291](#)).

Syntypes—[Greece] In monte Korax Aetoliae. in regione alpina, ad summum cacumen usque, alt. 6000'–7680'. ad nives: 23 July 1879, T.H.H. von Heldreich s.n. ([WU 0063292](#)).—[Greece] In montis Kyllenes (Ziria hod.) Achaia regione superiori, alt. 5000'–7122': 25 June 1887, T.H.H. von Heldreich s.n. ([WU 0063293](#)).

Kokkini (1991a) erroneously cited a holotype in WU-Halácsy-Graec. but Halácsy (1888) lists several gatherings. We thus here designate the corresponding voucher ([WU 0063291](#)) as lectotype.

Plantago squarrosa var. *gavdensis* Dörfel. ex Vierh. & Rech. f., Oesterr. Bot. Z. 84: 179. 1935.

Current name: *Plantago squarrosa*

Syntype:—[Greece] Kreta. Distr. Sphakia. Insel Gaudos. Im Dünensande der Nordküste: 2 March 1904, I. Dörfel 1148 ([WU 0099192](#)).

The label reads “var. *gavdensis*” referring to the island of Gavdos/Γαύδος, however in the protologue this was changed to “var. *gavdensis*”, a deliberate Latinisation.

Veronica peloponnesiaca Boiss. & Orph. in Boissier, Fl. orient. 4 (2): 462. 1879.

Current name: *Veronica glauca* subsp. *peloponnesiaca*

Syntype:—[Greece] In monte Malevo Laconiae supra Hajos Joannis (raro). 3000'–4000': 20 April 1857/2 May 1857, T.G. Orphanides 716 ([WU 0040140](#)).

Veronica sartoriana Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 171. 1856.

Current name: *Veronica sartoriana*

Syntype:—[Greece] In pascuis saxosis m. Parnethis Atticae in reg. abientina versus cacumen, alt. 3500'–4000': 5 June 1857, T.H.H. von Heldreich 748 ([WU 0044017](#)).

Veronica teucrioides Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 169–170. 1856.

Current name: *Veronica orsiniana* subsp. *teucrioides*

Lectotype:—[Greece] In pratis alpinis m. Olympi Thessaliae, ad nives rara: 24 July 1851, T.H.H. von Heldreich 2505 ([WU 0072633](#)).

Lectotype designated by Martínez Ortega & Rico (2001: 548).

Plumbaginaceae

Armeria thessala Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 70–71. 1859.

Current name: *Armeria rumelica*

Syntype:—[Greece] In pascuis alpinis m. Olympi Thessaliae: 25–31 July 1851, T.H.H. von Heldreich s.n. ([WU 0077755](#)).

Goniolimon heldreichii Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 36: 241–242, tab. IX. 1886.

Current name: *Goniolimon heldreichii*

Syntype:—[Greece] Planities Thessaliae (Pelasgiotis, nunc Revenia): rarissimum in collibus apricis saxosis prope Tyrnovo ad Hagios Elias: 30 July 1885, T.H.H. von Heldreich s.n. ([WU 0063294](#)).

Poaceae

Aegilops caudata var. *heldreichii* Boiss., Fl. orient. 5 (2): 675. 1884.

Current name: *Aegilops comosa* subsp. *heldreichii* (FHD)

Syntypes:—[Greece] Flora Attica: In m. Parnethis reg. infer. pr. Dekeleiam (Tatoï hod.): July 1881, T. Holzmann s.n. ([WU 0063482](#)).—[Greece] Flora Attica: In m. Parnethis reg. infer. pr. Dekeleiam (Tatoï hod.): 13 June 1883, T.H.H. von Heldreich s.n. ([WU 0064363](#)).

Aeluropus littoralis var. *hispidula* Halácsy, Consp. Fl. Graec. 3 (2): 384. 1904.

Current name: *Aeluropus littoralis*

Syntype:—[Greece] Flora Cycladum: in insula Rhenia: 1 July 1901, B. Tuntas s.n. ([WU 0080300](#)).

Agrostis alba var. *flaccidula* Hack. in Haussknecht, Mitth. Thüring. Bot. Vereins 13/14: 40. 1899.

Current name: *Agrostis stolonifera*

Syntype:—[Greece] Thessalia superior: in collibus circa monasteria Meteora supra Kalabaka (Aeginium veterum): 15–16 July 1885, T.H.H. von Heldreich s.n. ([WU 0079481](#)).

Alopecurus creticus var. *corcyrensis* Halácsy, Consp. Fl. Graec. 3 (2): 343. 1904.

Current name: *Alopecurus creticus*

Syntype:—[Greece] in paludi pr. et lagodi Kunupena. Isola Corfu: 22 May 1891, C. Bicknell s.n. ([WU 0063474](#)).

Avenastrum aetolicum Rech. f., Beih. Bot. Centralbl., Abt. B 54 (3): 680–682, figs. 2, 2c. 1936.

Current name: *Helictochloa aetolica*

Lectotype:—[Greece] In Graecia septentrionali: m. Korax: August 1896, B. Tuntas & C. Leonis s.n. ([WU 0063476](#)).

Lectotype designated by Lange (1995: 144).

Avenula peloponnesiaca Holub, Preslia 49: 207–208. 1977.

Current name: *Helictochloa agropyroides*

Isotype:—[Greece] Morea: in aceros. mts. Taygetos: June 1876, T. Pichler s.n. ([WU 0079589](#)), authentic specimen for *Avena pratensis* var. *taygetea* Heldr. (quod vide in Catalogue C).

Paratypes:—[Greece] Laconia: in m. Taygeti regione abietina; in faucibus “Langada” l.d. Macria Murga: 22 July 1899, K.H. Zahn 1589 ([WU 0079590](#)).—[Greece] in monte Malevo Laconiae prope Hajos Joannis (rare). alt. 3000': 6 June 1857/18 June 1857, T.G. Orphanides 956 ([WU 0079591](#)).

Holotype in PRC (Holub 1977).

Bromus alopecuroides* var. *calvus Halácsy, Consp. Fl. Graec. 3 (2): 400. 1904.

Current name: ***Bromus alopecuros* subsp. *alopecuros***

Syntype:—[Greece] Flora Attica: in m. Cithaerone: 25 May 1880, T.H.H. von Heldreich s.n. ([WU 0080304](#)).

Bromus scoparius* var. *psilostachys Halácsy, Consp. Fl. Graec. 3 (2): 399. 1904.

Current name: ***Bromus scoparius***

Syntypes:—[Greece] Planities Thessaliae (Thessalotis): in arenosis prope Pharsalum: 14 June 1885, T.H.H. von Heldreich 896 ([WU 0080301](#)).—[Greece] Kissamos, lieux incultes: 27 May 1884, E. Reverchon 274 ([WU 0080302](#)).

Colobachne gerardii* var. *heldreichii Hack. ex Nyman, Consp. Fl. Eur.: 793. 1882.

Current name: ***Alopecurus gerardi***

Syntype:—[Greece] In m. Panachaïco supra Patras: 28 May 1878, T.H.H. von Heldreich s.n. ([WU 0079474](#)).

Festuca cyllenica* var. *multiflora Boiss., Diagn. pl. orient. sér. 2, 4: 137–138. 1859.

Current name: ***Festuca spectabilis* subsp. *affinis***

Syntype:—[Greece] In monte Parnasso prope Acrino-nero (rara), alt. 5000–6000': 28 June 1854/10 July 1854, T.G. Orphanides 368 ([WU 0080320](#)), authentic specimen for ***Festuca affinis*** Boiss. & Heldr. ex Boiss. (quod vide in Catalogue B), syntype for ***Festuca spectabilis* subsp. *affinis*** Hack. (quod vide in Catalogue A), syntype for ***Festuca spectabilis* [subsp. *affinis*] f. *graeca*** Hack. (quod vide in Catalogue A).

Festuca ovina* var. *polita Halácsy, Consp. Fl. Graec. 3 (2): 401. 1904.

Current name: ***Festuca polita***

Syntype:—[Greece] Aetolia adjecta: m. Korax, in saxosis regionis super., alt. 5000'–6500': 1–10 August 1896, B. Tuntas & C. Leonis s.n. [Herb. Graec. Norm. 1398] ([WU 0080319](#)).

Festuca sancta Janka, Oesterr. Bot. Z. 21 (9): 250–251. 1871.

Current name: ***Festucopsis sancta***

Isolectotype:—[Greece] In regionis alpinae m. Athos declivitate meridionali: 25 July 1871, V. von Janka s.n. ([WU 0062244](#)), authentic specimen for ***Triticum sanctum*** Janka (quod vide in Catalogue B).

Lectotype in BP according to Schippmann & Guth (1989: 99). Type of ***Triticum sect. Hieropyros*** F. Hermann (Verh. Bot. Vereins Prov. Brandenburg 76: 42. 1936, in clavi) and of the generic name ***Peridictyon*** Seberg, Fred. & Baden in Seberg, Frederiksen, Baden & Linde-Laursen, Willdenowia 21 (1–2): 96–101. 1991.

Festuca spectabilis* subsp. *affinis Hack., Monogr. Fest. europ.: 189–190. 1882.

Current name: ***Festuca spectabilis* subsp. *affinis***

Syntype:—([WU 0080320](#)), authentic specimen for ***Festuca affinis*** Boiss. & Heldr. ex Boiss. (quod vide in Catalogue B), syntype for ***Festuca cyllenica* var. *multiflora*** Boiss. (quod vide in Catalogue A), syntype for ***Festuca spectabilis* [subsp. *affinis*] f. *graeca*** Hack. (quod vide in Catalogue A).

Festuca spectabilis* [subsp. *affinis*] f. *graeca Hack., Monogr. Fest. europ.: 189. 1882.

Current name: ***Festuca spectabilis* subsp. *affinis***

Syntype:—([WU 0080320](#)), authentic specimen for ***Festuca affinis*** Boiss. & Heldr. ex Boiss. (quod vide in Catalogue B), syntype for ***Festuca cyllenica* var. *multiflora*** Boiss. (quod vide in Catalogue A), syntype for ***Festuca spectabilis* subsp. *affinis*** Hack. (quod vide in Catalogue A).

Festuca taygetea Hack. in Heldreich, Herb. Graec. Norm.: 1593, *cum diagn.* 1900.

Current name: ***Festuca cyllenica*** (as identified by W. Gutermann)

Syntype:—[Greece] Laconia: in m. Taygeti regione alpina, ad Megala Zonaria: 5 July 1899, K.H. Zahn s.n. ([WU](#)

0063478).

Lolium strictum var. *compressum* Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 4: 144. 1859.

Current name: *Lolium rigidum* subsp. *rigidum*

Syntype:—[Greece] in agro Corinthiaco (rare): 25 April 1854/10 May 1854, T.G. Orphanides 364 ([WU 0080314](#)).

Melica ciliata f. *major* Heldr. ex Papp, Bot. Jahrb. Syst. 65 (2/3): 303. 1932.

Current name: *Melica cretica* subsp. *monticola* (Hempel 2011)

Lectotype:—[Greece] In monte Korax Aetoliae adjectae. In regione alpina, ad summum cacumen usque, alt. 6000'–7680'; rarissima: 21 July 1879, T.H.H. von Heldreich s.n. ([WU 0080220](#)).

Syntypes:—[Greece] In m. Parnassi reg. media & super. rarissima, alt. 4000'–6000'. (Trypiaspilaea etc.): June–July 1857, T.H.H. von Heldreich 63 ([WU 0079598](#)).—[Greece] In saxosis montis Parnassi prope Carcaria (rara). alt. 4500': 28 June 1854/10 July 1854, T.G. Orphanides 367 ([WU 0079599](#)).

Lectotype designated by Hempel (2011: 108). Hempel annotated the voucher in WU-Halácsy-Graec. as lectotype but (2011) erroneously cited herbarium W instead of WU-Halácsy-Graec. for the lectotype. A second sheet indicated as lectotype by W. Hempel is deposited in W but does not match the label given in the published lectotypification.

Melica ramosa var. *longiglumis* Hausskn., Mitth. Thüring. Bot. Vereins 13/14: 52. 1899.

Current name: *Melica minuta*

Syntype:—[Greece] In monte Araga supra Scлавia; Insulae Chii (rare), alt. 800': 14 April 1856/26 April 1856, T.G. Orphanides 954 ([WU 0080236](#)).

Phalaris minor var. *comosula* Heldr., Bull. Herb. Boissier 6 (5): 396. 1898.

Current name: *Phalaris minor*

Isolectotype:—[Greece] In insula Aegina: 18–26 April 1881, T.H.H. von Heldreich & T. Holzmann s.n. ([WU 0079362](#)).

Lectotype in W ([W 1916-0018017](#)) designated by Baldini (1995: 279).

Poa alpina var. *parnassica* Boiss., Fl. orient. 5 (2): 605. 1884.

Current name: *Poa thessala*

Syntypes:—[Greece] In lapidosis reg. alpinae m. Parnassi, alt. 6–7000' (Tripios-Vrachos et εις το' Ζεξ): 18–19 August 1856, T.H.H. von Heldreich 564 ([WU 0080318](#)).—[Greece] Legi in monte Parnasso prope Clisto-Zasteno Trypia Spilia: 3 July 1854, T.G. Orphanides s.n. ([WU 0080317](#)).

Poa caesia var. *frearitis* Orph. ex Halácsy, Consp. Fl. Graec. 3 (2): 425. 1904.

Current name: *Poa glauca* subsp. *frearitis*

Isolectotype:—[North Macedonia] In Macedonia: in cacumine m. Peristeri, 7500': 30 July 1886, T.G. Orphanides s.n. ([WU 0063481](#)).

Lectotype in G-BOIS according to Scholz (1986: 395).

Poa timoleonis Heldr. ex Boiss., Fl. orient. 5 (2): 607. 1884.

Current name: *Poa timoleonis*

Syntypes:—[Greece] In m. Panachaïco supra Patras: 28 May 1878, T.H.H. von Heldreich s.n. ([WU 0063479](#)).—[Greece] Flora Attica: in pascuis aridis regionis inferioris et mediae montis Hymetti, alt. 500'–2500': 2 May 1878, T.H.H. von Heldreich s.n. ([WU 0063480](#)).

Poa trichophylla Heldr. & Sartori ex Boiss., Fl. orient. 5 (2): 604. 1884, *nom. illeg.*: *nom. superfl.* for *Poa trichopoda* Heldr. & Sartori.

Current name: *Poa trichopoda*

Syntype:—([WU 0080316](#)), syntype for *Poa trichopoda* Heldr. & Sartori (quod vide in Catalogue A).

See annotations for *Poa trichopoda* Heldr. & Sartori.

Poa trichopoda Heldr. & Sartori in Boissier, Diagn. pl. orient. sér. 2, 4: 136. 1859.

Current name: *Poa trichopoda*

Syntype:—[Greece] In pascuis alpinis montis Parnassi (vulg.), alt. 4000–7500': 14 July 1854/26 July 1854, T.G. Orphanides 366 ([WU 0080316](#)), syntype for *Poa trichophylla* Heldr. & Sartori ex Boiss. (quod vide in Catalogue A). Even though the name *trichophylla* is given on the label, the typographic correction by Boissier (1884) should be rejected (cf. Scholz 1986) as the original diagnosis (Boissier 1884) describes the leaves as glabrous and the rhizome as fibrous.

Sesleria doerfleri Hayek, Oesterr. Bot. Z. 64 (8): 360. 1914.

Current name: *Sesleria doerfleri*

Isolectotype:—[Greece] Kreta. Distrikt Sphakia. An Felswänden der Schlucht von Samaria: 7 April 1904, I. Dörfler s.n. ([WU 0063475](#)).

Lectotype in WU ([WU 0071605](#)) designated by Di Pietro *et al.* (2017: 103).

Sesleria nitida var. *brevidentata* Hack. ex Halácsy, Consp. Fl. Graec. 3 (2): 363. 1904.

Current name: *Sesleria vaginalis* (FHD)

Syntype:—[Greece] In Graecia septentrionali: m. Korax Aetoliae: August 1896, B. Tuntas & C. Leonis s.n. ([WU 0079488](#)).

Sesleria vaginalis Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 130–131. 1859.

Current name: *Sesleria vaginalis*

Isolectotype:—[Greece] In regioni superiori montis Malevo Laconiae (rare); alt. 6000': 7 July 1857/19 July 1857, T.G. Orphanides 953 ([WU 0079487](#)).

Original material:—[Greece] Legi in regione superiori montis Kyllenes supra Livadi (rare): 28 June 1851, T.G. Orphanides 2752 ([WU 0079581](#)).

Lectotype in G according to Di Pietro *et al.* (2017: 108), who designated a voucher by Orphanides in the herbarium G collected “In regione superiori montis Malevo [Parnon mt.], 6000 ped [cc 1850 m], 07–19 July 1857”. Even though not mentioned in the protologue (Boissier 1859), the corresponding voucher in G has a handwritten note by Boissier reading “*Sesleria vaginalis* Boiss. et Orphan. nov. sp.” and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018). Furthermore, Di Pietro *et al.* (2017) argue that the second gathering by Orphanides (s. [WU 0079581](#)), which is in accordance with the locality given in the protologue, might represent a transitional form between *S. vaginalis* and *S. krajinae* Deyl (Opera Bot. Čech. 3: 145. 1946).

Trisetum laconicum Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 4: 129. 1859.

Current name: *Trisetum laconicum*

Syntypes:—[Greece] Legi in monte Malevo Laconiae prope Vromopigadon; alt 4000': 7 July 1850/19 July 1850, T.G. Orphanides 2890 ([WU 0079593](#), [WU 0079594](#)).

Polygalaceae

Polygala nicaeënsis var. *corcyrensis* Halácsy, Consp. Fl. Graec. 1 (1): 147. 1900.

Current name: *Polygala nicaeensis*

Syntypes:—[Greece] Prope urbem: April 1890, B. de Sagburg s.n. ([WU 0076374](#)).—[Greece] Potamos. Corfú: 14 April 1897, K. Grimus Ritter von Grimburg s.n. ([WU 0076375](#)).

Although morphologically slightly divergent, it remains to be investigated if this has any taxonomic relevance within this critical group (Flora Ionica Working Group 2016 onwards).

Polygala nicaeënsis var. *tomentella* Boiss., Fl. orient. 1: 475. 1867.

Current name: *Polygala nicaeensis* subsp. *mediterranea* (FHD)

Syntype:—[Greece] In monte Malevo Laconiae prope Hajos Ioannis (rarum), alt. 3000': 20 April 1857/2 May 1857, T.G. Orphanides 505 ([WU 0076339](#)), authentic specimen for *Polygala nicaeënsis* var. *laconica* Boiss. & Orph. (quod vide in Catalogue C).

Polygala subuniflora Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 59. 1854.

Current name: *Polygala subuniflora*

Syntype:—[Greece] Rarissime in m. Chelmos ad nives supra fontem Stygis, alt. 7000': 29 July 1848, T.H.H. von Heldreich 2152 ([WU 0076341](#)).

Polygonaceae

Polygonum heldreichii Halácsy, Consp. Fl. Graec. 3 (1): 72. 1904, pro hybride [*Polygonum serrulatum* × *P. lapathifolium*].

Current name: *Polygonum* ×*heldreichii* (hybrid of *P. serrulatum* and *P. lapathifolium*)

Syntype:—[Greece] Plantae in Messenia, in paludosis inter Kalamata et Nisi, inter parentes: 2 November 1898, K.H. Zahn s.n. ([WU 0078136](#)).

Polygonum idaeum Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 1 (1): 110. 1924.

Current name: *Polygonum idaeum*

Lectotype:—[Greece] In pascuis siccis oropedii “eis tin Ida” (Nida) montis Idae, alt. 4600': 14 August 1870, T.H.H. von Heldreich s.n. ([WU 0063286](#)).

Lectotype designated by Snogerup & Snogerup (1997a: 79).

Polygonum longipes Halácsy & Charrel in Halácsy, Oesterr. Bot. Z. 40 (4): 164–165. 1890.

Current name: *Polygonum longipes*

Lectotype (**designated here**):—[Greece] Macedoniae: in locis siccis ad vias. Prope nosocomium militare Thessalonicae: 17 November 1890, L. Charrel s.n. ([WU 0063287](#)).

First-step lectotype in WU designated by Snogerup & Snogerup (1997a: 82). However, they cited a voucher in the WU main collection, which could not be traced but is present in WU-Halácsy-Graec. The latter was seen by S. Snogerup & B. Snogerup in 1996 who did not indicate it as lectotype. As Snogerup & Snogerup (1997a) elsewhere discriminate between these two subcollections the corresponding voucher ([WU 0063287](#)) is here designated as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Rumex bucephalophorus subsp. *aegaeus* Rech. f., Bot. Not. 1939: 495, fig. 2.3. 1939.

Current name: *Rumex bucephalophorus* subsp. *aegaeus*

Syntypes:—[Greece] Flora Attica: frequens in collibus saxosis, campis et in locis secus vias. Versus Phalerum: 29 March 1875, T.H.H. von Heldreich 57 ([WU 0077916](#)).—[Greece] Creta: pr. Orkhanes distr. Temenos: April 1911, H. Neukirch s.n. ([WU 0077917](#)).—[Greece] Flora Cycladum: in insula Piperi (v. Kalopodi); etiam in insulis Andro et Seripho lectus: 190#, B. Tuntas s.n. ([WU 0077918](#)).—[Greece] In insula Scyro: June 1908, B. Tuntas 683 ([WU 0077919](#)).—[Greece] In insula Scyro: May 1909, B. Tuntas 685 ([WU 0077920](#)).—[Greece] Cycladum insula Delos: in herbis: 15 April 1911, E. von Halácsy s.n. ([WU 0077921](#)).—[Greece] In saxosis vulcanicis insulae Mikra Kameni pr. insulam Thera Cycladum: 13 April 1911, E. von Halácsy s.n. ([WU 0077922](#)).—[Greece] Graecia: pr. Chalkis Euboeae: April 1905, L. Adamović 851 ([WU 0077923](#)).—[Greece] Attica. Philopappos prope Athen: 10 November 1900, C. Leonis 465 ([WU 0077924](#)).—[Greece] Flora Cycladum: in insula Cea, solo schistoso (“Schiste cristallin”): 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0077925](#)).—[Greece] Insula Paros. Prope Levkae: 5 May 1898, C. Leonis s.n. ([WU 0077926](#)).—[Greece] Flora Cycladum: in insula Cea, solo schistoso (“Schiste cristallin”): 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0077927](#)).

Rumex dimidiatus Hausskn., Mitth. Thüring. Bot. Vereins 11: 60. 1898, pro hybride [*Rumex crispus* × *Rumex graecus*].

Current name: *Rumex* ×*dimidiatus* (hybrid of *R. crispus* and *R. cristatus*)

Syntype:—[Greece] Planities Thessaliae, Orman Magula in subhumidis ad *R. crisp.* v. *nudivalv.* reced: 15 June 1885, H.K. Haussknecht s.n. ([WU 0077866](#)).

Rumex halacsyi Rech., Verh. K. K. Zool.-Bot. Ges. Wien 49: 105–107. 1899, pro hybride [*Rumex limosus* × *R.*

pulcher].

Current name: ***Rumex dentatus* subsp. *halacsyi***

Lectotype:—[Greece] Trikala in Thessalia: 23 July 1896, E. Formánek s.n. (WU 0063288).

Lectotype designated by Snogerup & Snogerup (1997b: 104).

Rumex multifidus* var. *similatus Hausskn., Mitth. Thüring. Bot. Vereins 11: 59. 1898.

Current name: ***Rumex acetosella* subsp. *acetoselloides***

Syntype:—[Greece] Agrapha (Dolopia veterum): in reg. m. Pindi circa monasterium Koróna, in nemorosis quercinis, substratu schistoso, alt. 3500–3700': 20–28 June 1885, H.K. Haussknecht s.n. (WU 0077985).

Rumex pseudopulcher Hausskn., Mitth. Thüring. Bot. Vereins 11: 60. 1898, pro hybride [*Rumex crispus* × *R. pulcher*].

Current name: ***Rumex* ×*pseudopulcher*** (hybrid of *R. crispus* and *R. pulcher*) (FHD)

Isolectotypes:—[Greece] Planities Thessaliae, Orman Magula, in subhumidis, forma ad crisp. reced.: 15 June 1885, H.K. Haussknecht s.n. (WU 0077914).—[Greece] Planities Thessaliae: in humidis pr. Orman Magula: June 1885, H.K. Haussknecht s.n. (WU 0077915).

First-step lectotype in JE (JE 00019085, JE 00019086) designated by Snogerup & Snogerup (1997b: 106).

Rumex pulcher* f. *anodontus Hausskn., Mitth. Thüring. Bot. Vereins 1: 34. 1891.

Current name: ***Rumex pulcher* subsp. *anodontus***

Lectotype:—[Greece] Planities Thessaliae, Volo in ruderat. maritim. in Symb. omiss.!: 12 June 1885, H.K. Haussknecht s.n. (WU 0077890).

Lectotype designated by Snogerup & Snogerup (1997b: 104).

Rumex pulcher* var. *macrodon Hausskn., Mitth. Thüring. Bot. Vereins 11: 59. 1898.

Current name: **unclear**

Syntypes:—[Greece] Paenins. Methana: 25 June 1885, H.K. Haussknecht s.n. (WU 0077892).—[Greece] e sem. p. Naupliam lect. educat: June 1885, H.K. Haussknecht s.n. (WU 0077889).

Snogerup and Snogerup in 1996 annotated the voucher from Methana as *Rumex pulcher* subsp. *pulcher*, and the one from Nafplio as *Rumex dentatus* subsp. *halacsyi*.

Rumex pulcher* var. *microdon Hausskn., Mitth. Thüring. Bot. Vereins 11: 59. 1898.

Current name: ***Rumex pulcher* subsp. *woodsii*** (Snogerup & Snogerup 1997b)

Syntype:—[Greece] Nauplia, in maritim: 28 April 1885, H.K. Haussknecht s.n. (WU 0077891).

Rumex semigraecus Hausskn., Mitth. Thüring. Bot. Vereins 11: 60. 1898, pro hybride [*Rumex conglomeratus* × *R. graecus*].

Current name: ***Rumex* ×*semigraecus*** (hybrid of *R. conglomeratus* and *R. graecus*)

Syntype:—[Greece] Planities Thessaliae, pr. Pharsalum ad rip. fl. Tschinvali ad graecum reced: 12 June 1885, H.K. Haussknecht s.n. (WU 0077865).

Primulaceae

Anagallis amoena Heldr., Herb. Graec. Norm.: No. 1174, *cum diagn.* 189#.

Current name: ***Anagallis arvensis***

Syntype:—[Greece] Attica: in valle Cephissi superiori l. d. Chelidonú, in consortio *A. latifoliae* L. et *A. phaeniceae* Lamk: 8 May 1801 [1892, cf. WU 0074928], T.H.H. von Heldreich 1174 (WU 0077709).

Coris monspeliensis* var. *annua Halácsy & Bald. in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 42: 578. 1893.

Current name: ***Coris monspeliensis***

Syntype:—[Albania] Albania. In arenosis maritimis planitei Vallona: 24 June 1892, A. Baldacci 36 (WU 0077688).

Cyclamen miliarakesii Heldr., Herb. Graec. Norm.: No. 1575, *cum diagn.* 1900.

Current name: *Cyclamen graecum*

Syntype:—[Greece] Messenia: in vathe Nedontis prope Kalamata: November 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1575] ([WU 0077712](#)).

Cyclamen repandum var. *creticum* Dörfel., Verh. K. K. Zool.-Bot. Ges. Wien 55: 20. 1905.

Current name: *Cyclamen creticum*

Syntype:—[Greece] Kreta. Distr. Hagios Vasilis. Felsgerölle in der subalpinen Region des Kedros: 9 May 1904, I. Dörfel 902 ([WU 0077711](#)).

Lysimachia atropurpurea var. *thessala* Formánek, Verh. Naturf. Vereins Brünn 35: 188. 1897.

Current name: *Lysimachia atropurpurea*

Syntype:—[Greece] Megali Kastania in Thess: 4 August 1896, E. Formánek s.n. ([WU 0071542](#)).

Primula acaulis var. *hypoleuca* Halácsy, Consp. Fl. Graec. 3 (1): 6. 1904.

Current name: *Primula vulgaris*

Syntype:—[Greece] Laconia borealis, in districtu Alagoniae, in pratis humidis et ad vias circa pagum Megali Anastasova: February 1898, K.H. Zahn s.n. [Herb. Graec. Norm. 1473] ([WU 0077689](#)).

Primula acaulis var. *pulchella* Heldr., Herb. Graec. Norm.: No. 1680, *cum diagn.* 1902.

Current name: *Primula vulgaris* subsp. *vulgaris*

Syntype:—[Greece] Flora Aegaea: Cycladum insula Andros, in umbrosis ad stillicidia: 8 March 1901, T.H.H. von Heldreich 1680 ([WU 0077690](#)).

Soldanella pindicola Hausskn., Mitt. Geogr. Ges. (Thüringen) Jena 5 (3, Bot. Ver. Gesamthür.): 61, fig. 3C. 1887a.

Current name: *Soldanella pindicola*

Isolectotype:—[Greece] Pindus Tymphaeus: in summo montis Zygos (Lakmon veter). supra Metzovo, alt. 4500–5000'. etwas unterhalb gegenüber dem griechischen Wachthaus: July 1885, H.K. Haussknecht s.n. ([WU 0034362](#)).
Lectotype in B ([B 10 0295160](#)) designated by Raus (1986b: 745).

Ranunculaceae

Adonis autumnalis subsp. *carinata* Vierh. in Vierhapper & Rechinger, Oesterr. Bot. Z. 84: 127. 1935.

Current name: *Adonis annua* subsp. *cupaniana*

Lectotype:—[Greece] In campis H. Varvara dicti Monofatsi: 21 June 1899, A. Baldacci 101 ([WU 0034360](#)).

Lectotype designated by Runemark (2002: 35).

Adonis cyllenea Boiss., Heldr. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 5: 5. 1856.

Current name: *Adonis cyllenea*

Syntypes:—[Greece] In sylvis abietinis in Phlampuritz = faucibus inter m. Kyllene et Gymnovouno 4500': 10 July 1848, T.H.H. von Heldreich 2166 ([WU 0074912](#)).—[Greece] In regione media montis Ziriae (Cyllene) Peloponnesi supra Tricala prope Prioni. (rarissima), Apr. - Majo. □, alt. 4500': 23 April 1854/5 May 1854, T.G. Orphanides 447 ([WU 0074913](#)), authentic specimen for *Adonis sibthorpii* Boiss., Orph. & Heldr. (quod vide in Catalogue B).

Runemark (2002) erroneously mentions specimens of Orphanides 2542 (lectotype in G-BOIS) housed in the WU main collection and in WU-Halácsy-Graec. No such material could be found and most probably never existed in WU. As no. 447 has the same collecting date and a similar (though not identical) locality, Runemark perhaps had considered it a duplicate of no. 2542.

Adonis microcarpa var. *cretica* Huth, Samml. Naturwiss. Vorträge 3 (8): 64. 1890.

Current name: *Adonis cretica*

Syntype:—[Greece] Crete. La Canée, moissons: 16 April 1883 & 25 May 1883, E. Reverchon 2 ([WU 0034364](#)).

Lectotype in K according to Steinberg (1971: 318). It is unclear whether the sheet in K also contains two different

gatherings (Art. 8.2, Turland *et al.* 2018) and whether Steinberg (1971) had designated the entire sheet or one of the gatherings. Thus, the above mentioned specimens in WU remain syntypes until further notice.

Adonis microcarpa var. *discolor* Hausskn., Mitth. Thüring. Bot. Vereins 3 & 4: 96: 116. 1893.

Current name: *Adonis microcarpa*

Syntype:—[Greece] In ruderalis pr. Neo-Korinthikum: April 1885, H.K. Haussknecht s.n. ([WU 0034365](#)).

Anemone stellata var. *heldreichii* Boiss., Diagn. pl. orient. sér. 1, 8: 1. 1849.

Current name: *Anemone hortensis* subsp. *heldreichii* (FHD)

Isolectotype:—[Greece] colles circa Caneam: March 1846, T.H.H. von Heldreich 1312 ([WU 0074909](#)).

Lectotype in G-BOIS according to Strid (2002a: 28).

Aquilegia amaliae Heldr. ex Boiss., Diagn. pl. orient. sér. 2, 1: 11. 1854.

Current name: *Aquilegia amaliae* (FHD)

Isolectotype:—[Greece] In m. Olympo Thessaliae - in reg. summae nivalis rupibus excelsio rarius: 31 July 1851, T.H.H. von Heldreich 2400 ([WU 0075390](#)).

Lectotype in G-BOIS according to Strid (1986g: 227).

Caltha laeta var. *truncata* Beck, Verh. K. K. Zool.-Bot. Ges. Wien 36: 349. 1886.

Current name: *Caltha palustris*

Isotype:—[Greece] In m. Oeta (nunc Katavothra) Phthiotidis. In pascuis subalpinis, alt. 5500'–6300': 8 July 1879, T.H.H. von Heldreich s.n. ([WU 0075391](#)), authentic specimen for *Caltha freyniana* Heldr. ex Beck (quod vide in Catalogue B).

Holotype in W (Beck 1886).

Delphinium balcanicum Pawł., Fragm. Florist. Geobot. 9 (4): 439–441, fig. 6. 1963.

Current name: *Delphinium balcanicum*

Holotype:—[Greece] Kalampaka: ad Prevenda: 27 July 1896, P.E.E. Sintenis 1010b ([WU 0061756](#)).

Delphinium hellenicum Pawł., Fragm. Florist. Geobot. 9 (4): 442–444, fig. 4. 1963.

Current name: *Delphinium hellenicum*

Isotype:—[Greece] Laconia borealis: in districtu Alagonia prope Megali-Anastasova: 4 August 1899, T.H.H. von Heldreich 1501 ([WU 0075392](#)).

Holotype in WU ([WU 0061757](#)) (Pawłowski 1963).

Delphinium peregrinum var. *peloponnesiacum* Halácsy, Oesterr. Bot. Z. 45 (4): 124. 1895.

Current name: *Delphinium peregrinum*

Syntype:—[Greece] in aridis marit. ins. Pori: 16 June 1854, T.H.H. von Heldreich s.n. ([WU 0075393](#)).

Delphinium tuntasianum Halácsy, Magyar Bot. Lapok 11 (5–8): 117–118. 1912.

Current name: *Consolida tuntasiana*

Syntypes:—[Greece] Flora Attica: in regione abietina m. Gerania Megarae: 23–28 June 1910, B. Tuntas 800 ([WU 0106781](#)).—[Greece] Flora Attica: in regione abietina m. Gerania Megarae: 23–28 June 1910 [printed] and 10/23 May 1911 [handwritten below], B. Tuntas 1245 ([WU 0106783](#)).—[Greece] Flora Attica: in m. Gerania: 10 May 1911/23 May 1911, B. Tuntas s.n. ([WU 0106782](#)).

The entire material cited above was annotated as “*Delphinium tuntasianum*” by Halácsy and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018). A lectotypification of voucher no. 1245 ([WU 0106783](#)), also cited in the protologue (Halácsy 1912), is pending. Due to the two collecting dates possibly referring to two different gatherings mounted on the voucher, one specimen will be chosen as lectotype (pers. comm. P.-E. Du Pasquier).

Myosurus heldreichii Heldr. ex H. Lév., Bull. Acad. Int. Géogr. Bot. 11 (156): 296. 1902.

Current name: *Myosurus heldreichii* (FHD)

Isolectotypes:—[Greece] Flora Cycladum: in insula Delos, in locis vere inundatis: 14 July 1901, T.H.H. von

Heldreich s.n. ([WU 0074931](#)), authentic specimen for *Myosurus archeophilus* Heldr. ex Halácsy (quod vide in Catalogue B).—[Greece] Flora Cycladum: in insula Delos, rar: 14 July 1901, T.H.H. von Heldreich s.n. ([WU 0074930](#)), authentic specimen for *Myosurus sanctus* Heldr. ex Halácsy (quod vide in Catalogue B).

Syntype:—[Greece] Aus von Delos mitgebrachten Samen gezogen. Blühte in Athen: March 1902, T.H.H. von Heldreich s.n. ([WU 0074932](#)).

Lectotype in ATHU according to Strid (2002c: 70). According to Strid (2002c) Heldreich and Tuntas travelled together, thus the voucher in the herbarium ATHU is labelled with Tuntas, the one in WU-Halácsy-Graec. with Heldreich but both refer to the same gathering.

Nigella degenii subsp. *barbro* Strid, Opera Bot. 28: 58–59. 1970.

Current name: *Nigella degenii* subsp. *barbro*

Isotype:—[Greece] Flora Aegaea: insula Mykonos. In vinetis et locis cultis: 4 July 1901, T.H.H. von Heldreich 1601 ([WU 0075387](#)).

Holotype in G (Strid 1970).

Ranunculus bullatus var. *cytheraeus* Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 54: 483–484. 1904.

Current name: *Ranunculus bullatus* (FHD)

Isolectotype:—[Greece] Ins. Cythera: in dumosis siccis reg. inf: 25 November 1903, C. Leonis 5 ([WU 0074897](#)).

Lectotype in LY according to Baldini & Jarvis (2002: 10).

Ranunculus cadmicus var. *parviflorus* Boiss., Fl. orient. Suppl.: 7. 1888.

Current name: *Ranunculus subhomophyllus*

Isolectotype:—[Greece] In summo m. Calolimni ins. Karpathi, alt. 5000': 24 May 1883, T. Pichler s.n. ([WU 0074944](#)).

Lectotype in G-BOIS according to Strid (2002b: 55).

Ranunculus cupreus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 8: 3. 1849.

Current name: *Ranunculus cupreus*

Isolectotype:—[Greece] In m. Cavoutsi eparchiae Sitia, Cretae oriental. rariss. in saxosis alt. 5000' circ: 27 April 1846, T.H.H. von Heldreich 1444 ([WU 0074946](#)).

Lectotype in G-BOIS according to Strid (1986f: 218 and 2002b: 53).

Ranunculus miliarakesi Halácsy, Magyar Bot. Lapok 11 (5–8): 116. 1912.

Current name: *Ranunculus pedatus*

Lectotype:—[Greece] Thessalia Nesero supra Dhaukli: March 1906, A. Kompolitis 296 ([WU 0074933](#)).

Lectotype designated by Strid (2002b: 52).

Ranunculus oreophilus var. *villifrons* Halácsy, Consp. Fl. Graec. 1 (1): 21. 1900.

Current name: *Ranunculus sartorianus*

Lectotype:—[Greece] Doris: in cacumine montis Kionae, alt. 7800': 12 July 1888, E. von Halácsy s.n. ([WU 0074963](#)).

Lectotype designated by Strid (2002b: 45).

Ranunculus orphanidis Boiss. & Heldr. in Boissier, Fl. orient. Suppl.: 13. 1888.

Current name: *Ranunculus serbicus*

Syntype:—[Greece] In m. Oeta (nunc Katavothra) Phthiotidis. In pascuis subalpinis, alt. 5500'–6300': 8 July 1879, T.H.H. von Heldreich s.n. ([WU 0075373](#)).

Ranunculus sardous var. *pseudotrachycarpus* Halácsy, Consp. Fl. Graec. 1 (1): 24. 1900.

Current name: *Ranunculus sardous*

Syntype:—[Greece] In m. Pelio: in regione inferiore occidentali ad Paxedes supra Volo: 8–9 May 1883, T.H.H. von Heldreich & T. Holzmann s.n. ([WU 0075374](#)).

Ranunculus spreitzenhoferi Heldr., Oesterr. Bot. Z. 28 (2): 50–51. 1878.

Current name: *Ranunculus garganicus*

[Lectotype (**designated here**):—[Greece] Corcyra (Corfu): Mte. Deca: im Gerölle in circa 1500–1600 Fuß Höhe in der Richtung gegen San Deca: 11 April 1877, G.C. Spreitzenhofer 61 ([WU 0037899](#))].

Isolectotype:—[Greece] Corcyra (Corfu): Auf den Abfällen des Mte. Deca, in der Richtung gegen San Deca: 11 April 1877, G.C. Spreitzenhofer s.n. ([WU 0077796](#)).

First-step lectotype in WU designated by Strid (2002b: 54). As Strid (2002b) elsewhere discriminates WU-Halácsy-Graec. and the WU main collection and as there are three vouchers with identical collecting locality and date in the latter we follow the unpublished recommendation by W. Gutermann and here designate the voucher [WU 0037899](#) in the WU main collection as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Ranunculus sprunerianus var. *subglaber* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 493. 1894.

Current name: *Ranunculus sprunerianus*

Syntypes:—[Greece] Achaia. In regione media mt. Panachaicon (Voidia hodie) supra urbem Patras. Alt. 1300 m. Solo calcareo: 5 June 1893, E. von Halácsy s.n. ([WU 0074938](#)).—[Greece] Achaia. In regione abietina mt. Olenos (Erymanthos vet.) Alt. 1500 m. Solo calcareo: 12 June 1893, E. von Halácsy s.n. ([WU 0074939](#)).

Ranunculus subhomophyllus subsp. *cylleneus* Vierh. in Vierhapper & Rechinger, Oesterr. Bot. Z. 84: 131–132. 1935.

Current name: *Ranunculus subhomophyllus*

Lectotype:—[Greece] Arcadia. In regione alpina mt. Kyllene (Zirio [sic!] hodie) supra pagum Gura. Alt. 1800 m. Solo calcareo. Rarissime. (Flora graecae civis nova.): 24 June 1893, E. von Halácsy s.n. ([WU 0074945](#)).

Lectotype designated by Strid (2002b: 55).

Ranunculus velatus Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 225. 1894.

Current name: *Ranunculus sartorianus*

Lectotype (**designated here**):—[Greece] Epirus orientalis. In herbidis humidiusculis regionis superioris mt. Tsumerka supra pagum Theodoriana. Alt. 1600 m. Solo calcareo 9 July 1893, E. von Halácsy s.n. ([WU 0074955](#)).

Isolectotypes:—[Greece] Epirus orientalis. In herbidis humidiusculis regionis superioris mt. Tsumerka supra pagum Theodoriana. Alt. 1600 m. Solo calcareo 9 July 1893, E. von Halácsy s.n. ([WU 0074956](#), [WU 0074957](#)).

First-step lectotype designated by Strid (2002b: 54). However, as there are three vouchers with identical labels in the herbarium WU-Halácsy-Graec. we here designate the best-preserved and most representative among them ([WU 0074955](#)) as second-step lectotype according to Art. 9.17 (Turland *et al.* 2018).

Thalictrum olympicum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 5. 1854.

Current name: *Thalictrum minus* subsp. *saxatile*

Isolectotype:—[Greece] In pineti m. Olympi Thessaliae - in reg. alpinam adscendens: 20–31 July 1851, T.H.H. von Heldreich 2399 ([WU 0074908](#)).

Lectotype in G-BOIS according to Strid (2002d: 75).

Resedaceae

Reseda alba subsp. *angustifolia* Formánek, Verh. Naturf. Vereins Brünn 34: 333. 1896.

Current name: *Reseda alba*

Syntype:—[Greece] Koryza apud Volo in Thess: 29 July 1895, E. Formánek s.n. ([WU 0071541](#)).

Reseda epirotica Formánek, Verh. Naturf. Vereins Brünn 33: 145–146. 1895.

Current name: *Reseda tymphaea*

Isolectotype:—[Albania or Greece] Ephemiades, Epirus: 1 August 1894, E. Formánek s.n. ([WU 0064317](#)).

Lectotype in BRNM according to Abdallah & De Wit (1978: 336–337).

Reseda othryana Formánek, Verh. Naturf. Vereins Brünn 35: 190. 1897.

Current name: *Reseda lutea* (FHD)

Syntype:—[Greece] Habitat Longici [sic!] ad pedes mon. Othrys: August 1896, E. Formánek s.n. (WU 0071540).

Rhamnaceae

Rhamnus alaternus var. *integrifolius* Orph. ex Boiss., Fl. orient. Suppl.: 156. 1888.

Current name: *Rhamnus alaternus*

Syntype:—[Greece] In Cycladum ins. Amorgos: May 1872, T.G. Orphanides 1132 (WU 0076439), authentic specimen for *Rhamnus amorgina* Orph. ex Halácsy (quod vide in Catalogue B).

Rhamnus fallax Boiss., Diagn. pl. orient. sér. 2, 5: 73. 1856.

Current name: *Rhamnus alpina* subsp. *fallax*

Isolectotype:—[Greece] In montis Parnassi loco Chabibi prope Rachovam (rare); alt. 4500': 24 June 1854/6 July 1854, T.G. Orphanides 444 (WU 0076436), authentic specimen for *Rhamnus crini* Orph. ex Boiss. (quod vide in Catalogue B).

Syntype:—[Greece] In monte Parnasso prope Carcaria (rare); alt. 4500': 28 June 1854/10 July 1854, T.G. Orphanides 848 (WU 0076435).

Lectotype in G according to Vent (1962: 53).

Rhamnus graeca Boiss. & Reut. in Boissier, Diagn. pl. orient. sér. 2, 5: 74–75. 1856.

Current name: *Rhamnus lycioides* subsp. *graeca*

Syntype:—[Greece] In rupibus montium Atticae imprimis Lycabetti & Hymetti: April – May 18##, T.H.H. von Heldreich 79 (WU 0076437).

Rhamnus graeca var. *argolica* Halácsy, Consp. Fl. Graec. 1 (2): 319. 1900.

Current name: *Rhamnus lycioides* subsp. *graeca*

Syntype:—[Greece] Supra Proniam Naupliae: 7 May 1870, T.G. Orphanides 731 (WU 0076438).

Rhamnus oleoides f. *crenulata* Halácsy, Consp. Fl. Graec. 1 (2): 320. 1900.

Current name: *Rhamnus lycioides* subsp. *oleoides*

Syntype:—[Greece] Supra Leukada (S. Maura) Graecia: 30 June 1895, A. Baldacci 28 (WU 0065741), syntype for *Rhamnus oleoides* var. *obovata* Halácsy (quod vide in Catalogue A).

Rhamnus oleoides f. *integra* Halácsy, Consp. Fl. Graec. 1 (2): 320. 1900.

Current name: *Rhamnus lycioides* subsp. *oleoides*

Syntype:—[Greece] Attica: in rupestribus regionis mediae mt. Hymetti, alt. 2000': 6 July 1888, E. von Halácsy 25 (WU 0065742), syntype for *Rhamnus oleoides* var. *obovata* Halácsy (quod vide in Catalogue A).

Rhamnus oleoides var. *aegaea* Halácsy, Consp. Fl. Graec. 1 (2): 320. 1900.

Current name: *Rhamnus lycioides* subsp. *oleoides*

Syntype:—[Greece] Antimilos (Erimomilos): 30 June 1894, O. Reiser s.n. (WU 0065736).

Rhamnus oleoides var. *microphylla* Halácsy, Consp. Fl. Graec. 1 (2): 320. 1900.

Current name: *Rhamnus lycioides* subsp. *oleoides*

Syntypes:—[Greece] Kissamos, rochers: 8 May 1884, E. Reverchon 228 (WU 0065733).—[Greece] Kissamos: 8 May 1884, E. Reverchon 5237 (WU 0065734).—[Greece] In dumetis pascuis Akrothiri distr. Khanistra: 17 June 1893, A. Baldacci 7 (WU 0065735).

Rhamnus oleoides var. *obovata* Halácsy, Consp. Fl. Graec. 1 (2): 320. 1900.

Current name: *Rhamnus lycioides* subsp. *oleoides*

Syntypes:—(WU 0065741), syntype for *Rhamnus oleoides* f. *crenulata* Halácsy (quod vide in Catalogue A).—(WU 0065742), syntype for *Rhamnus oleoides* f. *integra* Halácsy (quod vide in Catalogue A).

Rhamnus oleoides var. *sphaciotica* Halácsy, Consp. Fl. Graec. 1 (2): 320. 1900.

Current name: *Rhamnus lycioides* subsp. *oleoides*

Syntype:—[Greece] In rupestribus ad Samaria distr. Sphakia: 13 June 1899, A. Baldacci 218 (WU 0065743).

Rosaceae

Agrimonia eupatoria var. *major* Boiss., Fl. orient. 2: 728. 1872.

Current name: *Agrimonia eupatoria* subsp. *major* (FHD)

Isolectotype:—[Greece] In montibus Graeciae (non rara); Legit in monte Parnasse prope Rachova; alt. 3000'–5000': 1 July 1854/13 July 1854, T.G. Orphanides 424 (WU 0076473), authentic specimen for *Agrimonia graeca* Boiss. & Heldr. ex Boiss. (quod vide in Catalogue B).

Syntype:—[Greece] In m. Parnassi reg. infer. locis umbrosis (Pagna pr. Rachova); alt. 2000': August 1855 – August 1856, T.H.H. von Heldreich 201 (WU 0076472), authentic specimen for *Agrimonia graeca* Boiss. & Heldr. ex Boiss. (quod vide in Catalogue B).

Lectotype in G according to Iamónico (2017: 167).

Amelanchier cretica var. *chelmea* Halácsy, Consp. Fl. Graec. 1 (2): 542. 1900.

Current name: *Amelanchier parviflora* subsp. *chelmea*

Syntypes:—[Greece] In m. Chelmos Peloponnesi pr. Stygem; alt. 5000', rara: July 1851, T.G. Orphanides 222 (WU 0076478).—[Greece] In regione sup. montes Chelmos prope Stygem (rara); alt. 5000': 17 July 1851/29 July 1851, T.G. Orphanides 222 (WU 0076479), authentic specimen for *Amelanchier myrtocarpa* Orph. (quod vide in Catalogue C).

Cotoneaster parnassicus Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 48–49. 1856.

Current name: *Cotoneaster parnassicus*

not type:—[Greece] In monte Parnasso prope Carcaria (rarissime); alt. 5000': 4 July 1854/16 July 1854, T.G. Orphanides 420 (WU 0076480).

Lectotype according to Fryer & Hylmö (2009: 75). However, Boissier (1856a) in the protologue only cited a gathering by Heldreich from Mt. Parnassos and one by Orphanides from Mt. Gymnovouno (which is on Mt Killini), thus the Orphanides gathering from Mt. Parnassos is not type material for this taxon. A voucher in the herbarium WU-Halácsy-Graec. collected by Orphanides (WU 0101841) fits the type locality but is only labelled as *Cotoneaster* sp.

Crataegus cuneata Halácsy, Consp. Fl. Graec. suppl. 1: 37. 1908, *nom. illeg.*: non *Crataegus cuneata* Siebold & Zucc., Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. 4 (2): 130. 1845.

Current name: *Crataegus monogyna*

Syntype:—(WU 0080221), isolectotype for *Crataegus monogyna* var. *halacsy* Hayek *nom. nov.* (quod vide in Catalogue A).

Crataegus heldreichii Boiss., Diagn. pl. orient. sér. 2, 2: 47. 1856.

Current name: *Crataegus heldreichii*

Isolectotype:—[Greece] In regione abietina m. Parnethis Atticae, 3500–4000': May 1854, T.H.H. von Heldreich 113 (WU 0076482).

Lectotype in W (W 0102337) designated by Christensen (1992: 49).

Crataegus monogyna var. *halacsy* Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 1 (5–6): 756. 1926, , *nom. nov.* pro: *Crataegus cuneata* Halácsy.

Current name: *Crataegus monogyna*

Isolectotype and syntype:—[Greece] Laconia: in districtu Alagonia Taygeti borealis, prope Megali Anastasova:

April 1900 (flor.) & 27 August 1900 (fruct.), K.H. Zahn s.n. [Herb. Graec. Norm. 1628] ([WU 0080221](#)), syntype for *Crataegus cuneata* Halácsy (quod vide in Catalogue A).

Lectotype in W ([W 1901-0004605](#)) designated by Christensen (1992: 106). The lectotype in W was collected on 27 August 1900 and thus corresponds to the fruiting specimen mounted on the left side of the voucher in the WU-Halácsy-Graec. collection. The flowering specimen collected in April 1900 mounted on the right side of this voucher accordingly belongs to a different gathering (though with the same collecting number) and thus has to be considered a syntype.

Crataegus pycnoloba Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 46–47. 1856.

Current name: *Crataegus pycnoloba*

Isolectotype:—[Greece] In reg. media montis Kyllene (frequens), alt. 3000'–5000': 6 June 1852/18 June 1852, T.G. Orphanides 254 ([WU 0076481](#)).

Lectotype in JE ([JE 00010960](#)) designated by Christensen (1992: 25).

Potentilla deorum Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 51. 1856.

Current name: *Potentilla deorum*

Syntypes:—[Greece] In saxosis ad Olympi Thessaliae summum cacumen: 30 July 1851, T.H.H. von Heldreich 2445 ([WU 0076442](#)).—[Greece] In rupibus excelsis reg. alpinae m. Olympi Thessaliae: 31 July 1851, T.H.H. von Heldreich 2444 ([WU 0076443](#)).

Potentilla kionaea Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 38: 751–752, tab. 22, figs. 1–4. 1888.

Current name: *Potentilla kionaea*

Syntypes:—[Greece] Doris: in rupibus calcareis cacuminis mt. Kionae, alt. 7800': 12 July 1888, E. von Halácsy s.n. ([WU 0076444](#), [WU 0076445](#), [WU 0076446](#)).—[Greece] Doris: in rupium fissuris ad cacumen montis Kiona (aliis Ghiona) alt. 7800': 12 July 1888, E. von Halácsy 1028 ([WU 0076447](#)).

Rosa arcadiensis Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 503. 1894.

Current name: *Rosa agrestis*

Syntypes:—[Greece] Arcadia. In rupestribus calcareis vallis fluvii Voreikos prope coenobium Megaspilaeon. Alt. 700 m: 16 June 1893, E. von Halácsy s.n. ([WU 0076449](#)).—[Greece] Arcadia. In rupestribus calcareis ad radices mt. Chelmos (Aroania vet.) prope pagum Sudena. Alt. 1000 m: 21 June 1893, E. von Halácsy s.n. ([WU 0076450](#)).—[Greece] Arcadia. In saxosis calcareis apricis mt. Kastro prope pagum Kalavryta ad radices mt. Chelmos (Aroania vet.) copiose. Alt. 800 m: 15 June 1893, E. von Halácsy s.n. ([WU 0076451](#)).

Rosa dorica Heinr. Braun & Halácsy in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 38: 753–755. 1888.

Current name: *Rosa agrestis* (FHD)

Syntype:—[Greece] Doris: ad radices mt. Kionae loco Xeropotamo dicto alt. 3000': 13 July 1888, E. von Halácsy 8 ([WU 0076453](#)).

Rosa heldreichii Boiss. & Reut. in Boissier, Diagn. pl. orient. sér. 2, 2: 49–50. 1856.

Current name: *Rosa villosa*

Syntype:—[Greece] In reg. silvatica super. m. Olympi Thessalici (Mavrolongos): 25 July 1851, T.H.H. von Heldreich 2443 ([WU 0076448](#)).

Rosa kionae Heinr. Braun & Halácsy in Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 38: 752–753. 1888.

Current name: *Rosa dumalis*

Syntype:—[Greece] Doris: in regione alpina mt. Kionae, alt. 6000': 12 July 1888, E. von Halácsy 1 ([WU 0076468](#)).

Rosa leucadia Heinr. Braun, Verh. K. K. Zool.-Bot. Ges. Wien 35: 126–128. 1885.

Current name: *Rosa agrestis*

Syntype:—[Greece] Leucas (Santa Maura): An den Hecken hinter den letzten Häusern von Amaxichi am Wege zu den Windmühlen: 15 May 1878, G.C. Spreitzenhofer s.n. ([WU 0076452](#)).

Rosa orphanidis Boiss. & Reut. in Boissier, Diagn. pl. orient. sér. 2, 5: 50. 1856.

Current name: *Rosa heckeliana*

Syntype:—[Greece] In m. Olympi Thessaliae reg. sylvatica: 24 July 1851, T.H.H. von Heldreich 2442 ([WU 0076470](#)).

Sanguisorba cretica Hayek, Oesterr. Bot. Z. 64 (8): 358–359. 1914.

Current name: *Sanguisorba cretica*

Syntype:—[Greece] Kreta. Distr. Sphakia. An den Felswänden der Schlucht von Askiphu: 15 March 1904, I. Dörfler 161 ([WU 0076475](#)).

Rubiaceae

Asperula arcadiensis var. *setosa* Halácsy, Oesterr. Bot. Z. 47 (8): 284. 1897.

Current name: *Asperula arcadiensis*

Syntype:—[Greece] In m. Malevo Laconiae: July 1896, C. Leonis s.n. ([WU 0064316](#)).

Asperula boissieri Heldr. ex Boiss., Fl. orient. Suppl.: 281. 1888.

Current name: *Asperula boissieri*

Syntypes:—([WU 0064300](#)), lectotype for *Asperula boissieri* var. *transiens* Halácsy (quod vide in Catalogue A), holotype for *Asperula malevonensis* Ehrend. & Schönb.-Tem. (quod vide in Catalogue A).—([WU 0064301](#)), isolectotype for *Asperula boissieri* var. *transiens* Halácsy (quod vide in Catalogue A), isotype for *Asperula malevonensis* Ehrend. & Schönb.-Tem. (quod vide in Catalogue A).

Both gatherings listed above are now excluded from *A. boissieri*: according to Schönbeck-Temesy & Ehrendorfer (1991a: 292) the lectotype of *A. boissieri* is housed in G-BOIS and based on Heldreich 2091. This restricts the application of the name to the populations on the mountains N and S of the Korinthos gulf and excludes the plants from Mt. Parnon (s. *Asperula boissieri* var. *transiens* Halácsy, now named as *Asperula malevonensis* Ehrend. & Schönb.-Tem.).

Asperula boissieri var. *transiens* Halácsy, Oesterr. Bot. Z. 45 (9): 340, 385. 1895.

Current name: *Asperula malevonensis*

Lectotype (**designated here**):—[Greece] in cacumine montis Malevó Laconiae, 6000': 19 July 1850, T.G. Orphanides 52 ([WU 0064300](#)), syntype for *Asperula boissieri* Heldr. ex Boiss. (quod vide in Catalogue A), holotype for *Asperula malevonensis* Ehrend. & Schönb.-Tem. (quod vide in Catalogue A).

Isolectotype:—[Greece] in cacumine montis Malevó Laconiae, 6000': 19 July 1850, T.G. Orphanides 52 ([WU 0064301](#)), syntype for *Asperula boissieri* Heldr. ex Boiss. (quod vide in Catalogue A), isotype for *Asperula malevonensis* Ehrend. & Schönb.-Tem. (quod vide in Catalogue A).

We here designate the holotype of *Asperula malevonensis* Ehrend. & Schönb.-Tem. in the herbarium WU-Halácsy-Graec. ([WU 0064300](#)) as lectotype for *Asperula boissieri* var. *transiens* Halácsy, thus *Asperula boissieri* var. *transiens* becomes a homotypic synonym of *Asperula malevonensis* Ehrend. & Schönb.-Tem.

Asperula idaea Halácsy, Consp. Fl. Graec. 1 (3): 737. 1901.

Current name: *Asperula idaea*

Syntype:—[Greece] In saxosis altissimis m. Psiloriti (Ida) distr. Amari: 8 July 1899, A. Baldacci 227 ([WU 0064294](#)).

Asperula idaea var. *fallax* Rech., Denkschr. Akad. Wiss. Wien, Math.-Naturwiss. Kl. 105 (2, I. Abteilung): 133. 1943.

Current name: *Asperula idaea*

Syntype:—[Greece] In rupestribus m. Gigilos Volakia distr. Sphakia: 8 July 1893, A. Baldacci 69 ([WU 0064293](#)).

Asperula idaea var. *lassitica* Rech., Denkschr. Akad. Wiss. Wien, Math.-Naturwiss. Kl. 105 (2, I. Abteilung): 133. 1943.

Current name: *Asperula idaea*

Syntype:—[Greece] In saxosis m. Apheni Sarakeno (Lassiti) distr. Pedhiadha: 15 June 1899, A. Baldacci 77 (WU 0064292).

Asperula longiflora var. *condensata* Heldr. ex Boiss., Fl. orient. Suppl.: 281. 1888.

Current name: *Asperula aristata* subsp. *condensata*

Isolectotype:—[Greece] In m. Tymphresto (nunc Veluchi) Eurytaniae. In regione alpina, alt. 5500'–7140': 7 August 1879, T.H.H. von Heldreich s.n. (WU 0064289).

Syntype:—[Greece] In m. Veluchi Eurytaniae: 5 August 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. De Heldreich 3295] (WU 0077496), syntype for *Asperula longiflora* var. *heldreichii* Halácsy (quod vide in Catalogue A).

Lectotype in G-BOIS according to Schönbeck-Temesy & Ehrendorfer (1991a: 287).

Asperula longiflora var. *heldreichii* Halácsy, Oesterr. Bot. Z. 45 (10): 386–387. 1895.

Current name: *Asperula aristata* subsp. *condensata* (FHD)

Syntypes:—[Greece] Epirus boreali orientalis. In rupestribus calcareis regionis superioris mt. Peristeri. Alt. 1700–2000 m: 16–17 July 1893, E. von Halácsy s.n. (WU 0077495).—[Greece] Thessalia: Pindus, in monte Tringia supra pagum Kastania: July 1893, H. Hartl s.n. (WU 0077497).—[Greece] Agrapha (Dolopia veterum): in regione superiori Pindi summi montis Karáva, alt. 5500'–6500' substratu schistoso: 1–3 July 1885, T.H.H. von Heldreich s.n. (WU 0077498).—[Greece] Agrapha (Dolopia veterum): in reg. super. Pindi summi montis Karáva alt. 5500'–6500' substratu schistoso: 1–3 July 1885, H.K. Haussknecht s.n. (WU 0077499).—[Greece] Pindus Tymphaeus: in summi montis Zygós supra Metzovô regione silvatica, alt. 4500'–5000', substratu siliceo-serpentino: 19–20 July 1885, T.H.H. von Heldreich s.n. (WU 0077500).—[Greece] Epirus orientalis. In herbidis regionis superioris mt. Tsumerka supra pagum Theodoriana. Alt. 2000 m. Solo calcareo: 9 July 1893, E. von Halácsy s.n. (WU 0077501).—[Greece] Epirus orientalis. In rupestribus calcareis regionis superioris mt. Strungula supra pagum Melisurgi. Alt. 1800 m: 10 July 1893, E. von Halácsy s.n. (WU 0077506).—(WU 0077496), syntype for *Asperula longiflora* var. *condensata* Heldr. ex Boiss. (quod vide in Catalogue A).—[Greece] In m. Oleno Achaiae: 22 July 18## [48], T.H.H. von Heldreich 2094 (WU 0077512), authentic specimen for *Asperula longiflora* var. *tenuis* Heldr. (quod vide in Catalogue C).

Heldreich no. 2094 (WU 0077512) collected from Mt Olenos (Erimanthos) has been annotated as *Asperula aristata* subsp. *thessala* by F. Ehrendorfer in 1988.

Asperula longiflora subvar. *vestita* Halácsy, Oesterr. Bot. Z. 45 (10): 387. 1895.

Current name: *Asperula aristata* subsp. *thessala* (FHD)

Syntypes:—[Greece] Epirus boreale-orientalis. In rupibus calcareis ad radices mt. Peristeri prope pagum Kalarrytae. Alt. 1000 m: 14 July 1893, E. von Halácsy s.n. (WU 0077510).—[Greece] Epirus boreale-orientalis. In herbidis regionis mediae mt. Peristeri prope pagum Syraku. Alt. 1500 m. Solo calcareo: 14 July 1893, E. von Halácsy s.n. (WU 0077511).

Asperula lutea var. *abbreviata* Halácsy, Consp. Fl. Graec. 1 (3): 737. 1901.

Current name: *Asperula abbreviata*

Syntypes:—[Greece] Insel Naxos: 18 June 1894, O. Reiser s.n. (WU 0064290).—[Greece] Insel Naxos: 18 June 1894, O. Reiser s.n. (WU 0064291).

Asperula lutea var. *dasyphylla* Halácsy in Maire & Petitm., Matér. Étude Fl. Géogr. Bot. Orient (4): 107. 1908.

Current name: *Asperula oetaea*

Syntype:—[Greece] Katavothra (Oeta) roch. calc. 1900 m: 29 July 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1593 (WU 0077492).

Asperula lutea var. *oetaea* Boiss., Fl. orient. Suppl.: 280. 1888.

Current name: *Asperula oetaea*

Isolectotype:—[Greece] In m. Oeta (nunc Katavothra) Phthiotidis. In pascuis subalpinis, alt 5500'–6300'. ad racunam Mylolithi: 12 July 1879, T.H.H. von Heldreich s.n. (WU 0064287).

Lectotype in G-BOIS according to Schönbeck-Temesy & Ehrendorfer (1991a: 292).

Asperula lutea var. *pulvinarioides* Halácsy, Österr. Bot. Z. 45 (10): 382–383. 1895.

Currently classified as hybrid: *Asperula pulvinaris* × *A. rigidula* ? (Schönbeck-Temesy & Ehrendorfer 1991a)

Syntype:—[Greece] in summo monte Pateras: 4 June 1878, T.H.H. von Heldreich s.n. ([WU 0126726](#)), syntype for *Asperula pulvinaris* Heldr. ex Boiss. (quod vide in Catalogue A).

Asperula malevonensis Ehrend. & Schönb.-Tem. in Strid & Tan, Mountain Fl. Greece 2: 294–295. 1991.

Current name: *Asperula malevonensis*

Holotype:—([WU 0064300](#)), lectotype for *Asperula boissieri* var. *transiens* Halácsy (quod vide in Catalogue A), syntype for *Asperula boissieri* Heldr. ex Boiss. (quod vide in Catalogue A).

Isotype:—[Greece] in cacumine montis Malevó Laconiae, 6000': 19 July 1850, T.G. Orphanides 52 ([WU 0064301](#)), isolectotype for *Asperula boissieri* var. *transiens* Halácsy (quod vide in Catalogue A), syntype for *Asperula boissieri* Heldr. ex Boiss. (quod vide in Catalogue A).

Schönbeck-Temesy & Ehrendorfer (1991a) described *Asperula malevonensis* Ehrend. & Schönb.-Tem. based on one of the syntypes of *Asperula boissieri* var. *transiens* Halácsy. Halácsy (1895e) considered var. *transiens* as intermediate between *A. nitida* Sm. (in Sibthorp & Smith, Fl. Graec. Prodr. 1 (1): 89. 1806) and *A. pulvinaris* Heldr. ex Boiss., Schönbeck-Temesy & Ehrendorfer (1991a) state “Having a different opinion about this plant, we have preferred to choose a new name as specific epithet”, as they write “*Asperula malevonensis* Ehrend. & Schönb.-Tem. sp. nova” and give a latin description this is a valid description.

Asperula mungieri Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 10: 61. 1849.

Current name: *Asperula lutea* subsp. *mungieri*

Isolectotype:—[Greece] in rupibus m. Taygeti in rupibus m. Laconiae, in reg. abietina: 15 July 1844, T.H.H. von Heldreich s.n. ([WU 0064288](#)).

Lectotype in G-BOIS according to Schönbeck-Temesy & Ehrendorfer (1991a: 291).

Asperula mungieri var. *trichophylla* Halácsy in Maire & Petitmengin, Matér. Étude Fl. Géogr. Bot. Orient (4): 107. 1908.

Current name: *Asperula lutea* subsp. *mungieri*

Syntype:—[Greece] Taygetos, rochers calcaires aux Megala Zonaria, 2000–2300 m: 22 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1020 ([WU 0077489](#)).

Asperula peristeriensis Halácsy in Maire & Petitm., Matér. Étude Fl. Géogr. Bot. Orient (4): 107. 1908.

Current name: *Asperula aristata* subsp. *thessala* (FHD)

Syntype:—[Greece] Greece. Epirus: ad rupes calcareas mont. Peristeri supra Khaliki, 1800 m: 15 September 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1881 ([WU 0077513](#)).

Asperula puberula Halácsy & Sint. in Halácsy, Oesterr. Bot. Z. 40 (2): 38. 1890.

Current name: *Asperula aristata* subsp. *thessala* (FHD)

Syntype:—[Greece] Olympos: in silvis prope Hagios Dionysios: 12 September 1889, P.E.E. Sintenis 1858 ([WU 0077508](#)), authentic specimen for *Asperula sintenisii* Halácsy (quod vide in Catalogue B).

Asperula pulvinaris Heldr. ex Boiss., Fl. orient. Suppl.: 281. 1888.

Current name: *Asperula pulvinaris* (FHD)

Syntypes:—[Greece] Attica: in mte. Pateras: May 1876, T. Pichler s.n. ([WU 0077407](#)).—[Greece] in regione abietina montis Pateras Atticae occidentalis, alt. 3500'–4000': 31 May 1876, C. Bartholomathos s.n. [Heldr. Herb. Fl. Hell. 74] ([WU 0126725](#)).—([WU 0126726](#)), syntype for *Asperula lutea* var. *pulvinarioides* Halácsy (quod vide in Catalogue A).

Asperula taygetea Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 10: 60. 1849.

Current name: *Asperula taygetea*

Syntype:—[Greece] In faucibus reg. abietinae m. Taygeti Laconiae: 7 June 1844, T.H.H. von Heldreich 210 ([WU 0077403](#)).

Asperula thessala Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 111. 1856.

Current name: *Asperula aristata* subsp. *thessala*

Original material:—[Greece] In m. Olympo Thessaliae: July 1851, T.H.H. von Heldreich s.n. (WU 0077509).

The label lacks the numbers given in the protologue (Boissier 1856), but the material was collected and distributed by Heldreich as *Asperula thessala* and can thus be considered original material according to Art. 9.4 (Turland *et al.* 2018).

Galium capitatum var. *atrichum* Halácsy, Consp. Fl. Graec. 1 (3): 725. 1901.

Current name: *Galium capitatum*

Syntype:—[Greece] Attica: in collibus siccis et in arvis post messem. Legimus ad Phalerum: 8 June 1895, T.H.H. von Heldreich 1244 (WU 0077390).

Galium caudatum var. *chium* Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 6: 91. 1859.

Current name: *Cruciata taurica* subsp. *euboea*

Syntype:—[Greece] In monte Aepos, insulae Chii (rarum), alt. 1500'–2000': 8 April 1856/20 April 1856, T.G. Orphanides 554 (WU 0077388).

Galium coronatum var. *euboicum* Ehrend., Ann. Naturhist. Mus. Wien, B 56: 240. 1948.

Current name: *Cruciata taurica* subsp. *euboea*

Lectotype (**designated here**):—[Greece] in monte Dirphye (Delphi hod.) Euboeae: 1–13 May 1876, T.H.H. von Heldreich s.n. (WU 0064315).

Paratypes:—[Greece] In insula Euboea: mt. Dirphys, ad cacumen: 30 July 1886, T.H.H. von Heldreich s.n. (WU 0077397).—[Greece] Insula Euboea: in saxosis regionis superioris mt. Dirphys, in cacumine mt. Dirphys: 10 August 1910/23 August 1910, B. Tuntas 1055 (WU 0077398).

Ehrendorfer (1948) stated that the type material is deposited in the herbaria W and WU, the gathering indicated by him as type was found in WU-Halácsy-Graec. Because it can be assumed that duplicates are existing we here designate this voucher as lectotype.

Galium cyllenium Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 2: 117. 1856.

Current name: *Galium cyllenium*

Lectotype:—[Greece] In cacumine montis Ziriae (Κυλλήνη) (Zara). Alt. 6000'–7000': 25 June 1851/7 July 1851, T.G. Orphanides s.n. (WU 0063284).

Syntype:—[Greece] In rupium fissuris ad cacumen m. Kyllenes Achaiae, alt. 7150 ': July 1848, T.H.H. von Heldreich s.n. (WU 0063285).

Lectotype designated by Schönbeck-Temesy & Ehrendorfer (1991b: 323).

Galium heldreichii Halácsy, Oesterr. Bot. Z. 47 (3): 94–95. 1897.

Current name: *Galium heldreichii*

Syntype:—[Greece] Insula Skopelos: 27 April – 18 May 1896, C. Leonis s.n. (WU 0043294).

Galium incrassatum Halácsy, Consp. Fl. Graec. 1 (3): 724. 1901.

Current name: *Galium incrassatum*

Syntype:—[Greece] In agris siccis penins. Akrothiri (Khaniotika): 19 June 1893, A. Baldacci 218 (WU 0077389).

Galium monachinii Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 1, 10: 67. 1849.

Current name: *Galium monachinii*

Syntype:—[Greece] In montib. Lassiti, Cretae: 9 May 1846, T.H.H. von Heldreich 1500 (WU 0077387).

Galium ossaeum Halácsy, Consp. Fl. Graec. 1 (3): 717. 1901.

Current name: *Galium degenii*

Syntype:—[Greece] In veg. super. m. Ossae Thessal: July 1884, T.H.H. von Heldreich s.n. (WU 0063283).

Galium reiseri Halácsy, Oesterr. Bot. Z. 45 (9): 338, tab. XVIII. 1895.

Current name: *Galium reiseri*

Syntype:—[Greece] Sporaden Insel Jura (nordöstl. Euboea): 27 May 1894, O. Reiser s.n. ([WU 0063282](#)).

Rubia reiseri Halácsy ex Hayek, Repert. Spec. Nov. Regni Veg. Beih. 30 2 (4): 476. 1930.

Current name: *Rubia peregrina*

Syntype:—[Greece] Insel Naxos: 18 June 1894, O. Reiser s.n. ([WU 0063281](#)).

Salicaceae

Populus hispida Hausskn. & Sint. in Haussknecht, Mitth. Thüring. Bot. Vereins 13/14: 21. 1899.

Current name: *Populus nigra* (FHD)

Syntype:—[Greece] Thessalia. Pindus tymphaeus, in valle Kutschulia: 7 May 1896, P.E.E. Sintenis 204 ([WU 0078397](#)).

Sapindaceae

Acer campestre var. *obtusangulum* Halácsy, Consp. Fl. Graec. 1 (2): 287. 1900.

Current name: *Acer campestre*

Syntype:—[Greece] Prope “chan Paleochori” distr. Janina. In dumetis: 2 August 1895, A. Baldacci 128 ([WU 0076417](#)).

Acer heldreichii Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 5: 71. 1856.

Current name: *Acer heldreichii*

Isolectotype:—[Greece] In monte Parnasso prope Carcaria (rarum). alt. 5000': 4 July 1854/16 July 1854, T.G. Orphanides 409 ([WU 0076415](#)).

Lectotype in G-BOIS according to Aldén (1986b: 581).

Acer pseudoplatanus var. *pindicum* Maire & Petitm., Matér. Étude Fl. Géogr. Bot. Orient (4): 54. 1908.

Current name: *Acer pseudoplatanus*

Syntype:—[Greece] Thessalie: mont Baba, au dessus de Klinovo, forêts de sapins. calc. 1900 m: 10 September 1906, R.C.J.E. Maire & M.G.C. Petitmengin 1606 ([WU 0076414](#)).

In the protologue Maire & Petitmengin (1908) cited a collection with the same locality and date but giving no. 1605.

Acer reginae-amaliae Orph. in Boissier, Diagn. pl. orient. sér. 2, 1: 109–110. 1854.

Current name: *Acer hyrcanum* subsp. *reginae-amaliae*

Isolectotype:—[Greece] In monte Chelmos Peloponnesi prope Stygem; rarum, alt. 5000': 17 June 1852/29 June 1852, T.G. Orphanides 408 ([WU 0076423](#)).

Syntype:—[Greece] In monte Chelmos Peloponnesi prope Clukines: 29 June 1852, T.G. Orphanides 1047 ([WU 0076422](#)).

Lectotype in G-BOIS according to Aldén (1986b: 582).

Saxifragaceae

Saxifraga aizoon var. *orientalis* Engl., Monogr. Saxifraga: 245. 1872.

Current name: *Saxifraga paniculata*

Syntype:—[Greece] In reg. super. montis Parnassi prope Trypios-Vrachos (rare), alt. 6500': 13 July 1854/25 July 1854, T.G. Orphanides 327 ([WU 0074837](#)).

Saxifraga chrysosplenifolia Boiss., Diagn. pl. orient. sér. 1, 3: 20–21. 1843.

Current name: *Saxifraga rotundifolia* subsp. *chrysospleniifolia*
Syntype:—[Greece] Therisso: s.d., F.W. Sieber s.n. ([WU 0074846](#)).

Saxifraga graeca Boiss. & Heldr. ex Boiss., Fl. orient. 2: 807. 1872.

Current name: *Saxifraga carpetana* subsp. *graeca*

Syntypes:—[Greece] In regione superiori montis Pentelici Atticae (rare). alt. 2500–3000': 1 May 1851/13 May 1851, T.G. Orphanides 224 ([WU 0074842](#)).—[Greece] Legi in monte Malevo Laconiae (reg. sylvatica) alt. 4500': 24 April 1857/6 May 1857, T.G. Orphanides s.n. ([WU 0074843](#)).

Saxifraga sartorii Heldr. ex Boiss., Fl. orient. Suppl.: 248. 1888.

Current name: *Saxifraga scardica*

Isolectotype:—[Greece] Griechenland. An Felsen des Mte. Delphus in Euboa: May 1876, T. Pichler s.n. ([WU 0074840](#)).

Lectotype in G-BOIS according to Anagnostopoulos & Strid (2002: 342).

Saxifraga sartorii var. *erythrantha* Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 505. 1894.

Current name: *Saxifraga scardica*

Syntype:—[Greece] Arcadia. In rupibus calcareis regionis superioris mt. Kyllene (Ziria hodie) supra pagum Gura. Alt. 2000 m: 24 June 1893, E. von Halácsy s.n. ([WU 0074841](#)).

Scrophulariaceae

Verbascum acutifolium Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 48: 136. 1898.

Current name: *Verbascum pulverulentum*

Syntype:—[Greece] Epirus australis. In herbis prope pagum Kalentini ad septentrionem urbis Arta. alt. 400 m: 7 July 1893, E. von Halácsy s.n. ([WU 0072730](#)).

Verbascum adeliae Heldr. in Boissier, Diagn. pl. orient. sér. 2, 3: 145. 1856.

Current name: *Verbascum adeliae*

Syntype:—[Greece] Hochthal von Aperandos auf Naxos: 29 July 1844, T.H.H. von Heldreich s.n. ([WU 0072766](#)).

Verbascum ambracicum Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 317. 1894, pro hybride [*Verbascum guicciardii* × *V. sinuatum*].

Current name: *Verbascum* × *ambracicum* (hybrid of *V. guicciardii* and *V. sinuatum*)

Syntypes:—[Greece] Acarnania. In marginibus silvarum sempervirentium ad pedes mt. Makrinoros non procul a pago Menidion ad sinum Ambracicum. alt. 1000 m: 5 July 1893, E. von Halácsy s.n. ([WU 0072704](#), [WU 0072705](#)).

Verbascum dervichorum Hausskn. & Heldr. in Haussknecht, Mitth. Thüring. Bot. Vereins 10: 56. 1897, pro hybride [*Verbascum haussknechtii* × *V. undulatum*].

Current name: *Verbascum* × *dervichorum* (hybrid of *V. haussknechtii* and *Verbascum* sp.)

Syntype:—[Greece] Planities Thessaliae (Thessalotis): in collibus herbosis prope Aivali (inter Pheras et Pharsalum), inter parentes: 15 June 1885, T.H.H. von Heldreich s.n. ([WU 0072927](#)).

Verbascum guicciardii Heldr. ex Boiss., Diagn. pl. orient. sér. 2, 6: 127–128. 1859.

Current name: *Verbascum guicciardii*

Syntype:—[Greece] In locis dumosis nec non in arvis ad radices m. Parnassi, l d Pagna, 2000': 23 June 1857, J. Guicciardi s.n. [Herb. Graec. Norm. 696] ([WU 0072665](#)).

Verbascum haussknechtii Heldr. ex Hausskn., Mitt. Geogr. Ges. (Thüringen) Jena 5 (3, Bot. Ver. Gesamtthür.): 71.

1887b.

Current name: *Verbascum haussknechtii*

Syntypes:—[Greece] Planities Thessaliae (Thessalotis): in collibus herbosis prope Aivali (inter Pheras et Pharsalum): 15 June 1885, T.H.H. von Heldreich s.n. ([WU 0072928](#), [WU 0072929](#)).

Verbascum myconium Heldr., Herb. Graec. Norm.: No. 1669, *cum diagn.* 1902.

Current name: *Verbascum lasianthum*

Syntype:—[Greece] Flora Aegaea: Cycladum ins. Mykonos, in collibus graniticis, cultis derelictis frequens: July 1901, T.H.H. von Heldreich 1669 ([WU 0072729](#)).

Thymelaeaceae

Daphne laureola var. *punctulata* Halácsy, Consp. Fl. Graec. 3 (1): 77. 1904.

Current name: *Daphne laureola*

Syntype:—[Greece] In m. Pelio: in regione media orientalis, alt. 2000', supra Tzankarata: 5 May 1883, T.H.H. von Heldreich & T. Holzmann s.n. ([WU 0078162](#)).

Urticaceae

Parietaria judaica var. *lancifolia* Heldr. ex Halácsy, Consp. Fl. Graec. 3 (1): 119. 1904.

Current name: *Parietaria judaica*

Syntype:—[Greece] Attica: in urbis Athenarum subumbrosis ad muros et inter lapides Stoeae Attali: 19 May 1884, T.H.H. von Heldreich 881 ([WU 0078252](#)), authentic specimen for *Parietaria judaica* f. *lancifolia* Heldr. (quod vide in Catalogue C).

Parietaria judaica var. *satureijifolia* Heldr. ex Halácsy, Consp. Fl. Graec. 3 (1): 119. 1904, as “*satureiifolia*”.

Current name: *Parietaria judaica* (FHD)

Syntypes:—[Greece] Flora Cycladum: in insula Cea, solo schistoso (“Schiste cristallin”). Messaenia rar: 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0078250](#)), authentic specimen for *Parietaria satureiifolia* Heldr. (quod vide in Catalogue C).—[Greece] Flora Cycladum: in insula Cea, solo schistoso (“Schiste cristallin”): 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0078251](#)), authentic specimen for *Parietaria satureiifolia* Heldr. (quod vide in Catalogue C).

Violaceae

Viola aetolica Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 24. 1859.

Current name: *Viola aetolica*

Lectotype:—[Greece] m. Arapokephala pr. Gabrilovrysi Aetoliae: 26 July 1857, J.B. Samaritani & J. Guicciardi s.n. [Herb. De Heldreich 3287] ([WU 0074894](#)).

Lectotype designated by Raus (1986a: 635).

Viola albanica Halácsy, Consp. Fl. Graec. 1 (1): 141. 1900.

Current name: *Viola albanica*

Lectotype:—[Greece] in lapidosis mobil. alp. m. Smolika distr. Konitza: 18 July 1896, A. Baldacci 214 ([WU 0074890](#)).

Lectotype designated by Erben (1985: 411).

Viola chelmea Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 54–55. 1854.

Current name: *Viola chelmea*

Syntype:—[Greece] m. Chelmos ad fontem Stygis, 7000'. plantae rarissima!: 29 July 1848, T.H.H. von Heldreich 2153 ([WU 0074849](#)).

Viola heterosepala Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 6: 23. 1859.

Current name: *Viola aetolica* (FHD)

Syntype:—[Greece] m. Veluchi - in oropedio Saitani: 29 July 1847, J.B. Samaritani & J. Guicciardi s.n. [Herb. De Heldr. 3286] ([WU 0076335](#)).

Lectotype in G-BOIS according to Erben (1985: 565).

Viola hymettia Boiss. & Heldr. in Boissier, Diagn. pl. orient. sér. 2, 1: 57. 1854.

Current name: *Viola hymettia*

Isolectotype:—[Greece] in Hymetto Atticae (non rara). alt. 200'–3000': 3 April 1852/15 April 1852, T.G. Orphanides 120 ([WU 0074891](#)).

Lectotype in M ([M 0112780](#)) designated by Erben (1985: 383) and Scoppola & Lattanzi (2012: 49).

Viola mercurii Orph. ex Halácsy, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 61: 497–498. 1894.

Current name: *Viola mercurii*

Lectotype:—[Greece] In m. Ziria / Cyllene / prope Lambani / rare, 4000–5000': 23 April 1855/5 May 1855, T.G. Orphanides 401 ([WU 0076364](#)).

Syntype:—[Greece] Arcadia. In lapidosis calcareis regionis abietinae mt. Kyllene. (Ziria hodie). Alt. 1500 m: 24 June 1893, E. von Halácsy s.n. ([WU 0074895](#)).

Lectotype designated by Erben (1985: 377).

Viola orphanidis Boiss., Fl. orient. 1: 464. 1867.

Current name: *Viola orphanidis*

Syntype:—[North Macedonia] Prope Bitolia Macedoniae: 25 July 187#, T.G. Orphanides 1055 ([WU 0076334](#)).

The date given on the label suggests that the specimens were collected after the publication of the protologue, but Orphanides in several cases used these preprinted labels for material he had collected earlier. The only voucher providing an exact date is labelled 25 July 1862 (supra Brusnik prope Bitola Macedoniae, Orphanides 249, cf. [WU 0076598](#)), the preprinted ones are labelled 25 July 187#.

Xanthorrhoeaceae

Asphodelus messeniacus Heldr. ex Halácsy, Verh. K. K. Zool.-Bot. Ges. Wien 49: 194. 1899.

Current name: *Asphodelus ramosus*

Syntype:—[Greece] Messenia: in aridis et locis incultis planitiei prope Kalamata usque ad Meligala. Circa Kalamata: 10 January 1898 (folia), 20 March 1898 (flor.) & 17 April 1898 (fruct.), K.H. Zahn s.n. [Herb. Graec. Norm. 1490] ([WU 0078925](#)).

Catalogue B—Type specimens and authentic collections with effectively though not validly published names in the *Herbarium Graecum* of Eugen von Halácsy:

Apiaceae

Aegopodium involucratum Orph. ex Boiss., Fl. orient. 2: 923. 1872, *nom. inval.*: *pro syn.* [*Physospermum aegopodioides* Boiss.].

Current name: *Peucedanum aegopodioides*

Authentic specimen:—([WU 0076598](#)), isolectotype for *Physospermum aegopodioides* Boiss. (quod vide in Catalogue A).

Carum grimburgii Halácsy, Consp. Fl. Graec. 1 (3): 678–679. 1901, *nom. inval.*: *nom. prov.*

Current name: *Trinia glauca* subsp. *pindica*

Authentic specimen:—[Greece] In cacumine montis Aenos, Cephal.: June 1895, K. Grimus Ritter von Grimburg s.n. (WU 0033156).

Halácsy (1901) in the protologue wrote “Obs. *C. Grimburgii* ad int.”, according to Flora Ionica Working Group (2016 onwards) the specimens on the sheet represent *Trinia glauca* subsp. *pindica* Hartvig (Hartvig 1986e).

Chamaescidium gracile Boiss. & Heldr. ex Boiss., Diagn. pl. orient. sér. 2, 2: 79–80. 1856, *nom. inval.: pro syn.* [*Carum rupestre* Boiss. & Heldr.].

Current name: *Carum meoides* (FHD)

Authentic specimen:—(WU 0076861), syntype for *Carum rupestre* Boiss. & Heldr. (quod vide in Catalogue A).

Chamaescidium heldreichii Boiss., Diagn. pl. orient. sér. 2, 2: 78. 1856, *nom. inval.: pro syn.* [*Carum heldreichii* Boiss.].

Current name: *Carum heldreichii*

Authentic specimen:—(WU 0076860), syntype for *Carum heldreichii* Boiss. (quod vide in Catalogue A), authentic specimen for *Chamaescidium heldreichii* var. *caespitosa* Heldr. (quod vide in Catalogue C).

Pimpinella olenea Boiss. & Heldr. ex Boiss., Diagn. pl. orient. sér. 2, 2: 75. 1856, *nom. inval.: pro syn.* [*Pimpinella polyclada* Boiss. & Heldr.].

Current name: *Pimpinella tragiium* subsp. *polyclada*

Authentic specimen:—(WU 0076865), syntype for *Pimpinella polyclada* Boiss. & Heldr. (quod vide in Catalogue A).

Aristolochiaceae

Aristolochia attica Orph. ex Duch., Prodr. (DC.) 15 (1): 487. 1864, *nom. inval.: pro syn.* [*Aristolochia pallida* var. *elongata* Duch.].

Current name: *Aristolochia elongata* (FHD)

Authentic specimen:—(WU 0078164), syntype for *Aristolochia pallida* var. *elongata* Duch. (quod vide in Catalogue A).

Asparagaceae

Convallaria pruinosa Halácsy, Consp. Fl. Graec. 3 (1): 211. 1904, *nom. inval.: pro syn.* [*Polygonatum pruinatum* Boiss., Fl. orient. 5 (1): 332. 1882.].

Current name: *Polygonatum odoratum*

Authentic specimen:—(WU 0078924), authentic specimen for *Convallaria olympica* Halácsy (quod vide in Catalogue C).

Scilla nivalis subsp. *subnivalis* Nyman, Consp. Fl. Eur.: 730. 1882, *nom. inval.: nom. nud.*

Current name: *Scilla bifolia* (FHD)

Authentic specimen:—[Greece] In m. Parnes, Atticae; alt. 3000'–7000': 3 April 1853/15 April 1853, T.G. Orphanides 314 (WU 0079080).

Asteraceae

Achillea pauciloba var. *genuina* Heimerl *nom. inval.*

Current name: *Achillea pindicola* subsp. *integrifolia* (FHD)

Authentic specimen:—[Greece] m. Korax: August 1896, B. Tuntas & C. Leonis s.n. (WU 0071807).

See Art. 24.3 (Turland *et al.* 2018).

Anthemis metallorum Heldr., Hausskn. & Holzm. ex Hausskn., Mitth. Thüring. Bot. Vereins 7: 25. 1895, *nom. inval.*: *pro syn.* [*Anthemis auriculata* Boiss., Diagn. pl. orient. sér. 1, 4: 5. 1844.].

Current name: *Anthemis auriculata* (FHD)

Authentic specimens:—[Greece] Attica: in regione Laurii, in montosis prope Kamariza: 9 May 1885, T.H.H. von Heldreich s.n. (WU 0037184).—[Greece] Attica: in pinetis circa Kamariza Laurii, alt. 1000': 23 April 1887 & 18 May 1887, T.H.H. von Heldreich 940 (WU 0037185).

Anthemis misella Heldr. & Sartori ex Nyman, Consp. Fl. Eur.: 361. 1879, *nom. inval.*: *pro syn.* [*Anthemis parnesia* Boiss. & Heldr. in Boissier, Fl. orient. 3: 305. 1875.].

Current name: *Anthemis parnesia* (FHD)

Authentic specimen:—[Greece] Attica: in reg. abietina m. Parnethos: 6 June 1854, T.H.H. von Heldreich 6 (WU 0037144).

Anthemis multicaulis Boiss. & Heldr. in Boiss., Fl. orient. 3: 301. 1875, [non *A. multicaulis* Janka, Oesterr. Bot. Wochenbl. 6: 363. 1856], *nom. inval.*: *pro syn.* [*Anthemis arvensis* L., Sp. pl. 2: 894. 1753.].

Current name: *Anthemis arvensis* (FHD)

Authentic specimen:—[Greece] In reg. infer. m. Kyllenes Achaiae pr. Trikala: July 1872, T.H.H. von Heldreich s.n. (WU 0037137).

Carthamus cycladum Heldr. ex Halácsy, Consp. Fl. Graec. 2 (1): 168. 1902, *nom. inval.*: *pro syn.* [*Carthamus lanatus* var. *creticus* (L.) Halácsy, Consp. Fl. Graec. 2 (1): 168. 1902.].

Current name: *Carthamus lanatus* (FHD)

Authentic specimen:—[Greece] In Cycladum ins. Naxos: 12 July 1897, C. Leonis s.n. (WU 0077305).

Centaurea dissecta f. *pallidior* Boiss., Fl. orient. 3: 645. 1875, *nom. inval.*: *nom. nud.*

Current name: *Centaurea affinis* subsp. *pallidior*

Authentic specimen:—(WU 0072067), syntype for *Centaurea pallidior* Boiss. ex Halácsy (quod vide in Catalogue A).

Centaurea holzmanniana Heldr. ex Boiss., Fl. orient. Suppl.: 316. 1888, *nom. inval.*: *pro syn.* [*Centaurea iberica* var. *holzmanniana* Boiss.].

Current name: *Centaurea iberica* subsp. *holzmanniana*

Authentic specimens:—(WU 0076951, WU 0076952), syntypes for *Centaurea iberica* var. *holzmanniana* Boiss. (quod vide in Catalogue A).

Jurinea chia Boiss. & Orph. ex Boiss., Fl. orient. 3: 574. 1875, *nom. inval.*: *pro syn.* [*Jurinea anatolica* Boiss., Diagn. pl. orient. sér. 1, 4: 21–22. 1844.].

Current name: *Jurinea cadmea* (FHD, Danin & Davis 1975)

Authentic specimen:—[Greece] In insula Chio prope Hajos Mineus (rare): 23 April 1856/5 May 1856, T.G. Orphanides 771 (WU 0076844).

Leontodon heldreichianum Boiss., Fl. orient. 3: 731. 1875, *nom. inval.*: *pro syn.* [*Leontodon graecus* var. *heldreichianus* Boiss.].

Current name: *Leontodon graecus*

Authentic specimen:—(WU 0077351), syntype for *Leontodon graecus* var. *heldreichianus* Boiss. (quod vide in Catalogue A).

Leontodon laconicus Heldr. ex Degen, Fl. velleb. 3: 206. 1938, *nom. inval.*: *nom. nud.*

Current name: *Leontodon graecus* (FHD)

Authentic specimen:—[Greece] Plantae in m. Taygeto Laconiae. Alagonia Anastasova: May 1897, K.H. Zahn s.n. (WU 0077346).

Phagnalon pumilum var. *tomentosum* Raulin, Descr. Phys. Crète : 778. 1869, *nom. inval.*: *nom. nud.*

Current name: *Phagnalon pygmaeum*

Authentic specimen:—(WU 0097717), lectotype for *Phagnalon pumilum* var. *tomentosum* Raulin ex Halácsy (quod vide in Catalogue A).

Boraginaceae

Anchusa undulata f. *maritima* Heldr., Herb. Graec. Norm.: No. 1265. 1895, *nom. inval.: nom. nud.*

Current name: *Anchusa undulata* subsp. *sartorii* (FHD)

Authentic specimen:—(WU 0079176), syntype for *Anchusa undulata* var. *maritima* Halácsy (quod vide in Catalogue A).

Heliotropium europaeum f. *gracile* Heldr., Herb. Graec. Norm.: No. 863b. 188#, *nom. inval.: nom. nud.*

Current name: *Heliotropium europaeum*

Authentic specimen:—[Greece] Attica: in olivetis ad radices m. Pentelici prope Kephissiam, alt. 900': 15 September 1885, T.H.H. von Heldreich 863b (WU 0079141).

Munbya jasminiflora Orph. ex Halácsy, Consp. Fl. Gr. 2 (2): 341. 1902, *nom. inval.: pro syn.* [*Macrotomia cephalotes* (DC.) Boiss., Fl. orient. 4 (1): 212. 1875.].

Current name: *Macrotomia densiflora*

Authentic specimens:—[Greece] In reg. sup. montis Chelmos Peloponnesi prope Stygem (rara). Alt. 4500': 17 June 1852/29 June 1852, T.G. Orphanides 112 (WU 0079211).—[Greece] In regione media montis Chelmos Peloponnesi prope Stygem (rara). Alt. 4500': 7 June 1852/29 June 1852, T.G. Orphanides 112 (WU 0079212).

Campanulaceae

Campanula vlachovae Orph. ex Boiss., Fl. orient. 3: 927. 1875, *nom. inval.: pro syn.* [*Campanula glomerata* L., Sp. pl. 1: 166. 1753.].

Current name: *Campanula glomerata*

Authentic specimen:—[Greece] In regione sylvatica montis Olympi Thessaliae prope Mavros Longhos (rara). 4500–6000': 21 July 1857/2 August 1857, T.G. Orphanides 653 (WU 0078209).

Caprifoliaceae

Scabiosa crenata var. *bipinnatifida* Heldr. ex Strid & Kit Tan, Mountain Fl. Greece [Strid] 2: 362. 1991, *nom. inval.: pro syn.* [*Scabiosa crenata* Cirillo subsp. *crenata*, Pl. Rar. Neapol. 1: 11, tab. 3. 1788.].

Current name: *Lomelosia crenata* subsp. *crenata*

Authentic specimen:—[Greece] In monte Chelidoni Eurytaniae. In regione abietina supra pagum Mikrochorio, alt. 3000'–5500': 11 August 1879, T.H.H. von Heldreich s.n. (WU 0077540).

Caryophyllaceae

Alsine wettsteinii Dörfl., in sched.: Iter Creticum 1904: No. 1048. 1904, *nom. inval.: nom. nud.*

Current name: *Minuartia wettsteinii*

Authentic specimen:—(WU 0059781), holotype for *Minuartia wettsteinii* Mattf. (quod vide in Catalogue A).

Dianthus pichleri Heldr. ex Halácsy, Consp. Fl. Graec. 1 (1): 210. 1900, *nom. inval.: pro syn.* [*Dianthus stenopetalus* var. *scabrifolius* Halácsy].

Current name: *Dianthus stenopetalus* (FHD)

Authentic specimen:—(WU 0073690), holotype for *Dianthus stenopetalus* var. *scabrifolius* Halácsy (quod vide in Catalogue A).

Silene methanaea Heldr. & Hausskn. in Heldreich, Herb. Graec. Norm.: No. 801–900. 188#, *nom. inval.: nom. nud.*

Current name: *Silene corinthiaca* (FHD)

Authentic specimens:—[Greece] Argolis: in colle Kastro prope Vromolimni paeninsulae Methanaeae, solo calcareo: 25 May 1885, T.H.H. von Heldreich 828 (WU 0073531), syntype for *Silene rigidula* f. *major* Hausskn. (quod vide in Catalogue A).—[Greece] In Argolidis paeninsula Methana, solo calcareo; in castro antiqua prope Vromolimni: 25 May 1885, T.H.H. von Heldreich s.n. (WU 0073532), syntype for *Silene rigidula* f. *major* Hausskn. (quod vide in Catalogue A).

Colchicaceae

Colchicum polymorphum Orph., Atti Congr. Int. Bot. Firenze: 29, 33, 214. 1876, *nom. inval.: nom. nud.*

Current name: *Colchicum sfikasianum*

Authentic specimen:—[Greece] Legi in monte Hymetto Atticae: 1869, T.G. Orphanides 572 (WU 0044843).

Crassulaceae

Sempervivum reginae-amaliae Heldr. & Sartori ex Boiss., Fl. orient. 2: 796. 1872 & Fl. orient. Suppl.: 247–248. 1888, *nom. inval.: pro syn.* [*Sempervivum tectorum* L., Sp. pl. 1: 464. 1753.].

Current name: *Sempervivum verereginae-amaliae*

Authentic specimen:—(WU 0081444), lectotype for *Sempervivum verereginae-amaliae* Raus *nom. nov.* (quod vide in Catalogue A), lectotype for *Sempervivum reginae-amaliae* Heldr. & Guicc ex Halácsy (quod vide in Catalogue A).

See comment for *Sempervivum verereginae-amaliae* Raus in Catalogue A.

Ericaceae

Arbutus nothocomaros Heldr., Herb. Graec. Norm.: No. 959, *nom. inval.: nom. nud.*, pro hybride [*Arbutus andrachne* × *A. unedo*].

Current name: *Arbutus* × *nothocomaros* (hybrid of *A. andrachne* and *A. unedo*) (FHD)

Authentic specimen:—[Greece] Attica: in arbutetis circa Paphi: 18 July 1886 (fruct. immatur.), 31 October 1886 (fruct. matures) & 6 February 1887 (flor.), T.H.H. von Heldreich 959 (WU 0078986).

Nyman (1890) cited Heldreich's gathering no. 959, thus Heldreich's publication obviously preceded Nyman and the name should be attributed to Heldreich alone.

Euphorbiaceae

Euphorbia frivaldszkyana Dörf. & Degen ex Halácsy, Consp. Fl. Graec. 3 (1): 107. 1904, *nom. inval.: pro syn.* [*Euphorbia thessala* (Formánek) Degen & Dörf., Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 64: 736. 1897.].

Current name: *Euphorbia thessala*

Authentic specimen:—[North Macedonia] Macedon. centr. In saxosis calcar. prope Allchar: 6 June 1893, I. Dörf. 336 (WU 0078184).

Euphorbia hohenackeri Orph. ex Boiss., Diagn. pl. orient. sér. 2, 4: 89. 1859, *nom. inval.: pro syn.* [*Euphorbia orphanidis* Boiss.].

Current name: *Euphorbia orphanidis*

Authentic specimen:—(WU 0078186), isolectotype for *Euphorbia orphanidis* Boiss. (quod vide in Catalogue A).

Euphorbia messeniaca Heldr. ex Halácsy, Consp. Fl. Graec. 3 (1): 104. 1904, *nom. inval.: pro syn.* [*Euphorbia veneta* Willd., Enum. Pl. 1: 507. 1809.].

Current name: *Euphorbia characias* subsp. *wulfenii*

Authentic specimen:—[Greece] Messenia: an ripas et in dumosis circa Kalamata, in valle Nedontis alibique: 1–15 March 1898, K.H. Zahn s.n. [Herb. Graec. Norm. 1481] (WU 0078178).

Fabaceae

Astragalus chius Boiss. & Orph. in Boiss., Fl. orient. 2: 370. 1872, *nom. inval.: pro syn.* [*Astragalus trojanus* Steven ex Fisch., Bull. Soc. Imp. Naturalistes Moscou 26 (3): 401. 1853.].

Current name: *Astragalus lesbiacus*

Authentic specimen:—[Greece] In insula Chio prope Varylus (rare). Fl. Apr. – Majo: 23 April 1856/5 May 1856, T.G. Orphanides 598 (WU 0073090).

Coronilla chia Orph. ex Boiss., Fl. orient. 2: 183. 1872, *nom. inval.: pro syn.* [*Coronilla parviflora* Willd. Sp. pl., ed. 4. 3 (2): 1155. 1802, *nom. illeg.: non Moench*].

Current name: *Securigera parviflora*

Authentic specimen:—[Greece] In insula Chio supra Nea Moni (rare). alt. 2500': 12 April 1856/24 April 1856, T.G. Orphanides 573 (WU 0073113), authentic specimen for *Coronilla parviflora* f. *parvula* Uhrová (quod vide in Catalogue C).

Coronilla glauca subsp. *eu-glauca* Uhrová, Beih. Bot. Centralbl., Abt. B 53 (1): 64–68. 1935, *nom. inval.*

Current name: *Coronilla argentea* (FHD)

Authentic specimen:—[Greece] Aetolia. In rupestribus calcareis mt. Chalkis (Varassova hodie) ad sinum Patranum. Alt. 20–50 m: 8 June 1893, E. von Halácsy s.n. (WU 0073109).

See Art. 24.3 (Turland *et al.* 2018).

Vicia salaminia var. *major* Hausskn. ex Halácsy, Consp. Fl. Graec. 1 (2): 489–490. 1900, *nom. inval.: pro syn.* [*Vicia eriocarpa* (Hausskn.) Halácsy Consp. Fl. Graec. 1 (2): 489–490. 1900.].

Current name: *Vicia villosa* subsp. *eriocarpa*

Authentic specimen:—[Greece] Agrapha (Dolopia veterum): in reg. infer. m. Pindi circa monasterium Korona, in nemorosis quercinis. alt. 3500'–3700', substratu schistoso: 10–28 January 1885, H.K. Haussknecht s.n. (WU 0073149).

Vicia salaminia var. *stenophylla* Hausskn. ex Halácsy, Consp. Fl. Graec. 1 (2): 489–490. 1900, *nom. inval.: pro syn.* [*Vicia eriocarpa* (Hausskn.) Halácsy, Consp. Fl. Graec. 1 (2): 489–490. 1900.].

Current name: *Vicia villosa* subsp. *eriocarpa*

Authentic specimen:—[Greece] Planities Thessaliae: Pharsala in dumosis: June 1885, H.K. Haussknecht s.n. (WU 0073150).

Fagaceae

Quercus aegilops var. *portugalussa* Orph. ex Halácsy, Consp. Fl. Graec. 3 (1): 130. 1904, *nom. inval.: nom. nud.*

Current name: *Quercus ithaburensis* subsp. *macrolepis*

Authentic specimens:—[Greece] In monte Pentelicon Atticae. Alt. 0'–3000': 1852, E. Psarides 301 (WU 0078353).—[Greece] in reg. infer. Taygeti Laconiae prope Gythion: 1873, E. Psarides 1178a (WU 0078354).

Quercus aegilops var. *taygetea* Orph. ex Halácsy, Consp. Fl. Graec. 3 (1): 130. 1904, *nom. inval.: nom. nud.*

Current name: *Quercus ithaburensis* subsp. *macrolepis*

Authentic specimen:—[Greece] In monte Taygeto Laconiae: 1873, E. Psarides 1178b ([WU 0078391](#)).

Grossulariaceae

Ribes roeseri Orph. ex Boiss., Fl. orient. 2: 816. 1872, *nom. inval.: pro syn.* [*Ribes multiflorum* Kit. ex Roem. & Schult., Syst. veg., ed. 15 bis 5: 493–494. 1819.].

Current name: *Ribes multiflorum* subsp. *multiflorum*

Authentic specimens:—[Greece] In regione superior m. Chelmos, Peloponnesi prope Stygem. alt. 5000': June – July 1852, T.G. Orphanides 213 ([WU 0074834](#)).—[Greece] In reg. super montis Chelmos, Peloponnesi prope Stygem (rarissima). alt. 5000': 17 June 1852/29 June 1852, T.G. Orphanides 213 ([WU 0074835](#)).—[Greece] In regione superiori montis Chelmos, Peloponnesi prope Stygem (rarissimo!). alt. 5000': 17 June 1852/29 June 1852, T.G. Orphanides 213 ([WU 0074836](#)).

Iridaceae

Crocus laevigatus var. *gayanus* Heldr. ex Halácsy, Consp. Fl. Graec. 3 (1): 197. 1904, *nom. inval.: pro syn.* [*Crocus laevigatus* Bory & Chaub. in Fauché *et al.*, Expéd. Sci. Morée, Bot. 3 (2): 21. 1832].

Current name: *Crocus laevigatus*

Authentic specimen:—[Greece] Attica: in collibus saxosis inter dumos. In m. Corydalo circa monasterium Daphni, alt. 300'–500': 20 November 1884, T.H.H. von Heldreich 886 ([WU 0078535](#)).

Lamiaceae

Ballota nigra var. *euboea* Boiss. & Orph. ex Patzak, Ann. Naturhist. Mus. Wien 62: 70. 1958, *nom. inval.: pro syn.* [*Ballota nigra* subsp. *sericea* (Vandas) Patzak, Ann. Naturhist. Mus. Wien 62: 70. 1958.].

Current name: *Ballota nigra*

Authentic specimen:—[Greece] In insula Euboea: m. Xirovuni prope Steni: 31 July 18##, T.G. Orphanides s.n. ([WU 0073792](#)).

Judging from the locality other Orphanides vouchers in JE ([JE 00015268](#)) and UPS ([UPS V-229080](#), [UPS V-056007](#)) the correct collecting year should be 1871.

Lamium mesogaeon Heldr. ex Boiss., Fl. orient. 4 (2): 760. 1879, *nom. inval.: pro syn.* [*Lamium ampexicaule* L., Sp. pl. 2: 579. 1753.].

Current name: *Lamium ampexicaule* (FHD)

Authentic specimen:—[Greece] Attica: in vinetis prope Liopesi Mesogaem: 18 May 1875, T.H.H. von Heldreich s.n. ([WU 0073485](#)).

Mentha ilissia Heldr. ex Halácsy, Consp. Fl. Graec. 2 (2): 571. 1902, *nom. inval.: pro syn.* [*Mentha longifolia* var. *minutiflora* (Borbás) Halácsy, Consp. Fl. Graec. 2 (2): 570. 1902.].

Current name: *Mentha spicata* subsp. *condensata*

Authentic specimen:—[Greece] Attica: in humidis ad ripas Ilissi, prope Athenas, inter *M. pulegium* L. et *M. tomentosam* D'Urv. crescens, rara: 9 August 1887, T.H.H. von Heldreich 972 ([WU 0074886](#)).

Nepeta laconica Orph. ex Nyman, Consp. Fl. Eur.: 586. 1881, *nom. inval.: pro syn.* [*Nepeta parnassica* Heldr. & Sartori ex Boiss., Diagn. pl. orient. sér. 2, 4: 22–23. 1859.].

Current name: *Nepeta orphanidea* (FHD)

Authentic specimen:—(WU 0073793), isolectotype for *Nepeta orphanidea* Boiss. (quod vide in Catalogue A).

Satureja olympica Halácsy, Oesterr. Bot. Z. 40 (2): 40. 1890, *nom. inval.: pro syn.* [*Satureja pisidia* Wettst., Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1 98 (4): 374–375. 1889.].

Current name: *Satureja montana* (FHD)

Authentic specimen:—[Greece] Olympos: in saxosis prope H. Dionysios: 11 September 1889, P.E.E. Sintenis 1876 (WU 0074661).

Stachys abrotanifolia Boiss. & Heldr. ex Boiss., Fl. orient. 4 (2): 732. 1879, *nom. inval.: pro syn.* [*Stachys angustifolia* M. Bieb., Fl. Taur.-Caucas. 2: 51. 1808.].

Current name: *Stachys angustifolia*

Authentic specimen:—[Greece] ad montes Corfiati Macedoniae radices (Disorou Vet.), alt 800': 5 July 1857/17 July 1857, T.G. Orphanides 536 (WU 0073726).

Stachys annua var. *parnassica* Heldr. & Sartori ex Halácsy, Consp. Fl. Graec. 2 (2): 530. 1902, *nom. inval.: pro syn.* [*Stachys annua* L., Sp. pl., ed. 2. 2: 813. 1763.].

Current name: *Stachys annua*

Authentic specimens:—[Greece] In reg. inferiore m. Parnassi pr. Pagna. alt. 2000': 26 August 1856, J. Guicciardi s.n. [Herb. Graec. Norm 287] (WU 0073779).—[Greece] In m. Parnassi reg. infer: July 1855, J. Guicciardi s.n. [De Heldreich Flora Graeca exsiccata 2983] (WU 0073780).

Stachys thessala Hausskn. & Sint. ex Halácsy, Consp. Fl. Graec. 2 (2): 530. 1902, *nom. inval.: pro syn.* [*Stachys annua* var. *adenocalyx* (C. Koch) Halácsy, Consp. Fl. Graec. 2 (2): 530. 1902.].

Current name: *Stachys annua*

Authentic specimen:—[Greece] Chaliki: in valle Negerli: 28 June 1896, P.E.E. Sintenis 684 (WU 0073778).

Lentibulariaceae

Pinguicula megaspilaea Boiss. & Heldr. ex Boiss., Fl. orient. 4 (1): 2–3. 1875, *nom. inval.: pro syn.* [*Pinguicula hirtiflora* Ten., Fl. Napol. 3: 18. 1824–1829.].

Current name: *Pinguicula crystallina* subsp. *hirtiflora*

Authentic specimen:—[Greece] In regione superiori montis Chelmos Peloponnesi (Αροάνια Ορη Paus.) prope Stygem (rara). Alt. 6000': 17 July 1851/29 July 1851, T.G. Orphanides 107 (WU 0075719).

Liliaceae

Fritillaria regis-georgii Heldr. & Holzm. in Nyman, Consp. Fl. Eur.: 722. 1882, *nom. inval.: nom. nud.*

Current name: *Fritillaria ehrhartii*

Authentic specimen:—[Greece] In Petaliarum insulis (ad Euboeam meridionalem): 31 March 1881, T. Holzmann s.n. (WU 0079069).

Fritillaria zahnii Heldr., Herb. Graec. Norm.: No. 1695. 1902, *nom. inval.: nom. nud.*

Current name: *Fritillaria graeca*

Authentic specimen:—(WU 0078991), syntype for *Fritillaria guicciardii* var. *zahnii* Heldr. ex Halácsy (quod vide in Catalogue A).

See comment for *Fritillaria guicciardii* var. *zahnii* in Catalogue A.

Gagea guicciardii Heldr., Herb. Graec. Norm.: No. 1383. 189#, *nom. inval.: nom. nud.*

Current name: *Gagea villosa*

Authentic specimen:—(WU 0079070), syntype for *Gagea arvensis* var. *guicciardii* A. Terracc. (quod vide in Catalogue A), authentic specimen for *Gagea guicciardii* Heldr. ex Nyman (quod vide in Catalogue B).

Gagea guicciardii Heldr. ex Nyman, Consp. Fl. Eur. 4: 725. 1882, *nom. inval.: pro syn.* [*Gagea arvensis* (Pers.) Dumort., Fl. Belg.: 140. 1827.].

Current name: *Gagea villosa*

Authentic specimen:—(WU 0079070), syntype for *Gagea arvensis* var. *guicciardii* A. Terracc. (quod vide in Catalogue A), authentic specimen for *Gagea guicciardii* Heldr. (quod vide in Catalogue B).

Tulipa crocata Orph., Bull. Congr. Internat. Bot. Hort. St. Petersburg: 116. 1870, *nom. inval.: pro syn.* [*Tulipa orphanidea* Boiss. ex Heldr.].

Current name: *Tulipa orphanidea*

Authentic specimens:—(WU 0079076, WU 0079077), syntypes for *Tulipa orphanidea* Boiss. ex Heldr. (quod vide in Catalogue A).

Orchidaceae

Orchis graeca Orph. ex Soó, Bot. Arch. 23 (1–2): 37. 1929, *nom. inval.: pro syn.* [*Orchis morio* subsp. *picta* (Loisel.) K. Richt., Pl. Eur. 1: 265. 1890.].

Current name: *Anacamptis morio* subsp. *caucasica*

Authentic specimen:—[Greece] In monte Pentelicam Atticae (rara). Alt. 1000': 1 May 1851/13 May 1851, T.G. Orphanides 148 (WU 0078441), authentic specimen for *Orchis morio* var. *graeca* Orph. (quod vide in Catalogue C).

Orobanchaceae

Euphrasia frutescens Sieber ex Benth., Prodr. (DC.) 10: 551–552. 1846, *nom. inval.: pro syn.* [*Odontites bocconeii* (Guss.) Walp., Repert. Bot. Syst. 3 (3): 400–401. 1844.].

Current name: *Odontites linkii*

Authentic specimen:—[Greece] Sphakia, Omalo: s.d., F.W. Sieber & F. Kohaut s.n. (WU 0072801).

Poaceae

Festuca affinis Boiss. & Heldr. ex Boiss., Diagn. pl. orient. sér. 2, 4: 137. 1859, *nom. inval.: pro syn.* [*Festuca cyllenica* var. *multiflora* Boiss.].

Current name: *Festuca spectabilis* subsp. *affinis*

Authentic specimen:—(WU 0080320), syntype for *Festuca cyllenica* var. *multiflora* Boiss. (quod vide in Catalogue A), syntype for *Festuca spectabilis* subsp. *affinis* Hack. (quod vide in Catalogue A), syntype for *Festuca spectabilis* [subsp. *affinis*] f. *graeca* Hack. (quod vide in Catalogue A).

Phleum parnassicum Guicc. ex Boiss., Diagn. pl. orient. sér. 2, 4: 126. 1859, *nom. inval.: pro syn.* [*Phleum serrulatum* Boiss., Diagn. pl. orient. sér. 2, 4: 125. 1859.].

Current name: *Phleum pratense* (FHD)

Authentic specimen:—[Greece] In regione abietina m. Parnassi in oropedia Livadi dicto supra Rachova, alt. 4000': July 1855, J. Guicciardi s.n. [Herb. Graec. Norm. 267] (WU 0079473), authentic specimen for *Phleum pratense* subsp. *parnassicum* Boiss. ex Nyman (quod vide in Catalogue B).

Phleum pratense subsp. *parnassicum* Boiss. ex Nyman, Consp. Fl. Eur.: 792. 1882, *nom. inval.: nom. nud.*

Current name: *Phleum pratense*

Authentic specimen:—(WU 0079473), authentic specimen for *Phleum parnassicum* Guicc. ex Boiss. (quod vide

in Catalogue B).

Triticum sanctum Janka, It. turc. a 1871: s.n. 187#, *nom. inval.: nom. nud.*

Current name: *Festucopsis sancta*

Authentic specimen:—(WU 0062244), isolectotype for *Festuca sancta* Janka (quod vide in Catalogue A).
See comment for *Festuca sancta* Janka in Catalogue A.

Polygonaceae

Polygonum pulchellum var. *remotiflorum* Heldr. in Nyman, Consp. Fl. Eur.: 639. 1881, *nom. inval.: nom. nud.*

Current name: *Polygonum arenarium*

Authentic specimens:—[Greece] m. Korax, reg. media: August 1896, B. Tuntas & C. Leonis s.n. (WU 0078158).—
[Greece] In monte Korax Aetoliae adjectae. In regione abietina inferiori prope pagum Musinitza, alt. 3000': 25 July
1879, T.H.H. von Heldreich s.n. (WU 0078159).

Ranunculaceae

Adonis sibthorpii Boiss., Orph. & Heldr. in Orphanides, Bull. Congr. Internat. Bot. Hort. St. Petersburg: 124. 1870,
nom. inval.: nom. nud.

Current name: *Adonis cyllenea*

Authentic specimen:—(WU 0074913), syntype for *Adonis cyllenea* Boiss., Heldr. & Orph. (quod vide in Catalogue
A).

Caltha freyniana Heldr. ex Beck, Verh. K. K. Zool.-Bot. Ges. Wien 36: 349. 1886, *nom. inval.: pro syn.* [*Caltha laeta*
var. *truncata* Beck].

Current name: *Caltha palustris*

Authentic specimen:—(WU 0075391), isotype for *Caltha laeta* var. *truncata* Beck (quod vide in Catalogue A).

Myosurus archeophilus Heldr. ex Halácsy, Consp. Fl. Graec. suppl. 1: 2. 1908, *nom. inval.: pro syn.* [*Myosurus*
heldreichii Heldr. ex H. Lév.].

Current name: *Myosurus heldreichii* (FHD)

Authentic specimen:—(WU 0074931), isolectotype for *Myosurus heldreichii* Heldr. ex H. Lév. (quod vide in
Catalogue A).

Myosurus sanctus Heldr. ex Halácsy, Consp. Fl. Graec. suppl. 1: 2. 1908, *nom. inval.: pro syn.* [*Myosurus heldreichii*
Heldr. ex H. Lév.].

Current name: *Myosurus heldreichii* (FHD)

Authentic specimen:—(WU 0074930), isolectotype for *Myosurus heldreichii* Heldr. ex H. Lév. (quod vide in
Catalogue A).

Rhamnaceae

Rhamnus amorgina Orph. ex Halácsy, Consp. Fl. Graec. 1 (2): 321. 1900, *nom. inval.: pro syn.* [*Rhamnus alaternus*
var. *integrifolius* Orph. ex Boiss.].

Current name: *Rhamnus alaternus*

Authentic specimen:—(WU 0076439), syntype for *Rhamnus alaternus* var. *integrifolius* Orph. ex Boiss. (quod
vide in Catalogue A).

Rhamnus crini Orph. ex Boiss., Fl. orient. 2: 20. 1872, *nom. inval.: pro syn.* [*Rhamnus fallax* Boiss.].

Current name: *Rhamnus alpina* subsp. *fallax*

Authentic specimen:—(WU 0076436), syntype for *Rhamnus fallax* Boiss. (quod vide in Catalogue A).

Rosaceae

Agrimonia graeca Boiss. & Heldr. ex Boiss., Fl. orient. 2: 728. 1872, *nom. inval.: pro syn.* [*Agrimonia eupatoria* var. *major* Boiss.].

Current name: *Agrimonia eupatoria* subsp. *major* (FHD)

Authentic specimens:—(WU 0076472, WU 0076473), syntypes for *Agrimonia eupatoria* var. *major* Boiss. (quod vide in Catalogue A).

Potentilla haussknechtii Heldr. ex Halácsy, Consp. Fl. Graec. 1 (2): 508. 1900, *nom. inval.: pro syn.* [*Potentilla intercedens* Hausskn. (*Potentilla detommasii* Ten. × *P. pedata* Willd.), Mitth. Thüring. Bot. Vereins 5: 97. 1893.].

Current name: *Potentilla* ×*intercedens* (hybrid of *P. detommasii* and *P. pedata*)

Authentic specimen:—[Greece] Agrapha (Dolopia veterum): in declivibus montis Ghavéllu Pindi supra Sermeniko, alt. 4500–5500', substratu schistoso: 30 June 1885 & 3 July 1885, T.H.H. von Heldreich s.n. (WU 0076440).

Potentilla parnassica Boiss. & Orph. in Boissier, Diagn. pl. orient. sér. 2, 5: 95. 1856, *nom. inval.: nom. nud.*

Current name: *Potentilla speciosa* (FHD)

Authentic specimen:—[Greece] Legi in regione alpina montis Parnassi prope Sessi alt. 7000': 15 July 1854, T.G. Orphanides 2716 (WU 0076441).

Rubiaceae

Asperula sintenisii Halácsy, Oesterr. Bot. Z. 40 (2): 38. 1890, *nom. inval.: pro syn.* [*Asperula puberula* Halácsy & Sint.].

Current name: *Asperula aristata* subsp. *thessala* (FHD)

Authentic specimen:—(WU 0077508), syntype for *Asperula puberula* Halácsy & Sint. (quod vide in Catalogue A).

Salicaceae

Salix cyllenea Boiss. & Orph. ex Boiss., Fl. orient. 4 (2): 1188. 1879, *nom. inval.: pro syn.* [*Salix incana* Schrank, Baier. Fl. 1: 230. 1789.].

Current name: *Salix eleagnos* (as *S. elaeagnos* in Dimopoulos *et al.* 2017 onwards)

Authentic specimen:—[Greece] in monte Ziria Peloponnesi (Cyllene Vet.) prope Flamburitzam (rara); alt. 3000': 23 April 1854/5 May 1854, T.G. Orphanides 363 (WU 0078398).

Violaceae

Viola lilascens Heldr. ex Boiss., Fl. orient. 1: 466. 1867, *nom. inval.: pro syn.* [*Viola tricolor* var. *kitaibeliana* (Schult.) Ledeb., Fl. ross. 1 (2): 257. 1842.].

Current name: *Viola kitaibeliana*

Authentic specimen:—[Greece] In Arcadiae m. Diaselo supra Alonistena: 26 April 1861, T.H.H. von Heldreich 3278 (WU 0076338).

Catalogue C—Specimens with names not effectively published in the *Herbarium Graecum* of Eugen von Halácsy:

Amaranthaceae

Atriplex rosea var. *gracilescens* E. Rev. *in herb.*

Authentic specimen:—[Greece] Crete. La canée, lieux arides: 13 August 1883, E. Reverchon s.n. ([WU 0077797](#)).

Amaryllidaceae

Allium cycladicum Brullo *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insulis Delos et Mykenia: 8–11 December 1900, T.H.H. von Heldreich s.n. ([WU 0126732](#)).

Allium hirtovaginatum subsp. *hellenicum* Brullo *in herb.*

Authentic specimens:—[Greece] Attica. In collibus siccis prope Athenas: 28 June 1893, E. von Halácsy s.n. ([WU 0126730](#)).—[Greece] Bois des ### sous le Lycavete, au nord: 7 July 1883, anonymous collector s.n. ([WU 0126731](#)).

Allium laconicum Brullo *in herb.*

Authentic specimens:—[Greece] Taygetos, roccailles calcaires au dessous des Megala Zonaria: 22 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 949 ([WU 0126733](#)).—[Greece] Alagonia. pr. Megali-Anastova: July 1899, K.H. Zahn s.n. ([WU 0126734](#)).—[Greece] In regioni superiori montis Malevo Laconiae (rare); alt. 6000': 18. July 1855/30. July 1855, T.G. Orphanides 836 ([WU 0126735](#)).—[Greece] Legit in monte Malevo Laconiae: 1851, Agranistis s.n. [Herbarium Orphanideum] ([WU 0126736](#)).

Sternbergia sicula f. *major* Heldr., Herb. Graec. Norm. 15: No. 1489. 1898, *in herb.*

Authentic specimen:—[Greece] Attica: in regione abietina m. Parnethis, alt. 3500': 1 December 1897, T.H.H. von Heldreich 1489 ([WU 0078922](#)).

Apiaceae

Athamanta psaridis Heldr. *in herb.*

Authentic specimen:—[Greece] Legi prope Aspra-Spilia montis Taygeti Laconiae: 4 July 1868/16 July 1868, E. Psarides s.n. ([WU 0076607](#)).

Chamaescidium heldreichii var. *caespitosa* Heldr. *in herb.*

Authentic specimen:—([WU 0076860](#)), syntype for *Carum heldreichii* Boiss. (quod vide in Catalogue A), authentic specimen for *Chamaescidium heldreichii* Boiss. (quod vide in Catalogue B).

Cnidium apioides var. *kyllenea* Heldr. *in herb.*

Authentic specimen:—[Greece] Morea: in silv. pr. Trikala: July 1876, T. Pichler s.n. ([WU 0076602](#)).

Hippomarathrum cristatum f. *pauciradiatum* Heldr. *in herb.*

Authentic specimen:—([WU 0077520](#)), syntype for *Hippomarathrum pauciradiatum* Heldr. ex Halácsy (quod vide in Catalogue A).

Malabaila spectabilis Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Aetolica: in m. Varassova (Chalkis veterum) prope Kryoneri: 31 May 1894, T.H.H. von Heldreich s.n. ([WU 0076591](#)).

Smyrniium perfoliatum var. *suborbiculatum* Heldr. *in herb.*

Authentic specimen:—[Greece] Agrapha (Dolopia veterum): in declivibus montis Ghavéllu Pindi supra Sermeniko, alt. 4500–5500', substratu schistoso: 30 June 1885 & 3 July 1885, T.H.H. von Heldreich s.n. ([WU 0076789](#)).

Asparagaceae

Convallaria olympica Halácsy *in herb.*

Authentic specimen:—[Greece] Macedonia. Hag. Dionys: 30 July 1891, P.E.E. Sintenis & J.F.N. Bornmüller 1496 (WU 0078924), authentic specimen for *Convallaria pruinosa* Halácsy (quod vide in Catalogue B).

Leopoldia andria Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Andros (pr. Korthion): 4–5 March 1901, T.H.H. von Heldreich s.n. (WU 0079223).

Leopoldia bouriana Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in oliveti Athenarum: 11 April 1878, T.H.H. von Heldreich s.n. (WU 0079200).

Leopoldia polita Heldr. *in herb.*

Authentic specimen:—[Greece] Laconia borealis: in montosis prope Megali Anastásova districtus Alagonia, alt. 3000' circ: 1–30 May 1896, K.H. Zahn s.n. [Herb. Graec. Norm. 1386] (WU 0079181).

Muscari leonis Heldr. & Halácsy *in herb.*

Authentic specimen:—(WU 0079224), syntype for *Muscari commutatum* var. *leonis* Heldr. & Halácsy (quod vide in Catalogue A).

Asphodelaceae

Asphodelus tenuifolius* f. *major Heldr. *in herb.*

Authentic specimen:—[Greece] Messenia: in maritimis prope Pylos: 19 February 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1582] (WU 0078926).

Asteraceae

Achillea crithmifolia* f. *acutipartita Heimerl *in herb.*

Authentic specimen:—[Greece] In m. Pelio: in regione inferiore orientale pr. Kissos: 3–9 May 1883, T.H.H. von Heldreich s.n. (WU 0075699).

Anthemis chia* f. *monocaulos Tuntas *in herb.*

Authentic specimen:—[Greece] Attica: in regione abietina montis Parnethis: 17 May 1909/30 May 1909, B. Tuntas 883 (WU 0037207).

Bellis amoena Heldr. *in herb.*

Authentic specimen:—[Greece] In monte Chelidoni Eurytaniae. In regione abietina supra pagum Mikrichorio, alt. 3000'–5500'. rarig: 11 August 1879, T.H.H. von Heldreich s.n. (WU 0074921).

Bellis hybrida* var. *subcanescens Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in valle Cephissa. super. prope Chelidonu, in umbrosis: 8 May 1892, T.H.H. von Heldreich s.n. (WU 0074928).

Bellis sylvestris* f. *glabrescens Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Mykonos: 11 December 1900, T.H.H. von Heldreich s.n. (WU 0074929).

Callistemma brachiatum* f. *nanum Halácsy *in herb.*

Authentic specimen:—[Greece] Insula Syros. In collibus apricis: 10 April 1889, E. von Halácsy s.n. ([WU 0077538](#)).

Carlina actinobola Heldr., Herb. Graec. Norm.: No. 1648. 1902. *in herb.*

Authentic specimens:—([WU 0072521](#)), lectotype for ***Carlina graeca* var. *actinobola*** Heldr. ex Halácsy (quod vide in Catalogue A).—([WU 0076365](#)), isolectotype for ***Carlina graeca* var. *actinobola*** Heldr. ex Halácsy (quod vide in Catalogue A).

Crepis dioscoridis* f. *submonocephala Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: ad radices montis Parnethis pr. Menidi: 9 June 1901, T.H.H. von Heldreich s.n. ([WU 0077515](#)).

Hieracium pannosiforme Halácsy *in herb.*

Authentic specimen:—[Greece] Graecia: mt. Olympus Thessaliae: 25 July 1905, L. Adamović 612 ([WU 0077881](#)).

Inula limonella Heldr. *in herb.*

Authentic specimens:—([WU 0075145](#)), syntype for ***Inula attica* var. *limonella*** Heldr. ex Halácsy (quod vide in Catalogue A).—[Greece] In reg. sivaticae m. Taygeti: July 1844, T.H.H. von Heldreich s.n. ([WU 0075144](#)).

Inula verbascifolia* var. *cyllenica Heldr. *in herb.*

Authentic specimen:—[Greece] in reg. media m. Vayllenes pr. Trikala: 1 August 1871, T.H.H. von Heldreich s.n. ([WU 0075016](#)).

Lactuca muralis* var. *bracteosa Heldr. *in herb.*

Authentic specimen:—[Greece] M. Malevo Cynuriae reg. silvat: July 1896, C. Leonis s.n. ([WU 0077385](#)).

Onopordum euboicum Heldr. *in herb.*

Authentic specimens:—[Greece] Euboea septentrionalis: in monte Telethron, reg. infer., prope Kastaniotissa, alt 1200': 24 June 1890, T.H.H. von Heldreich s.n. ([WU 0076830](#), [WU 0076831](#)).

Phagnalon graecum* f. *camptoclada Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladam: in insula Cea (Κέα), reg. infer.: 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0075200](#)).

Phagnalon graecum* f. *orthoclada Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladam: in insula Cea (Κέα), reg. super.: 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0075199](#)).

Podospermum messeniaca* var. *brevicaule Heldr. & Sartori *in herb.*

Authentic specimen:—[Greece] Flora Attica: ad monte Pentelici radices: 22 April 1878, T.H.H. von Heldreich s.n. ([WU 0077376](#)).

Tragopogon araneosus Boiss. & Orph. *in herb.*

Authentic specimen:—([WU 0077375](#)), syntype for ***Tragopogon porrifolius* subsp. *brachyphyllus*** Boiss. (quod vide in Catalogue A).

Boraginaceae

Alkanna olympica Halácsy *in herb.*

Authentic specimen:—[Greece] In mt. Olympos prope Miluna: 1–13 August 1913, B. Tuntas s.n. ([WU 0079257](#)).

Alkanna pseudotinctoria Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: ad radices m. Pentelici prope Amarysiam, in arenosis: 16 April 1894, T.H.H. von Heldreich s.n. ([WU 0079222](#)).

Onosma frutescens f. *major* Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in m. Hymetto. fauces Karyá: 16 May 1844, T.H.H. von Heldreich s.n. ([WU 0079201](#)).

Brassicaceae

Capsella rubella f. *depressa* Heldr. *in herb.*

Authentic specimen:—[Greece] Attica: in aridis, ad vias (ad viam ferream inter Athenas et Piraeum): 25 April 1895, T.H.H. von Heldreich 1305 ([WU 0076313](#)).

Cardamine hirsuta f. *gracilis* Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in valle Cephissi. Podonipti: 18 March 1894, T.H.H. von Heldreich s.n. ([WU 0075947](#)).

Malcolmia flexuosa f. *stricta* Heldr. *in herb.*

Authentic specimens:—[Greece] Flora Cycladum: in insula Andros (Korthion): 4–5 March 1901, T.H.H. von Heldreich s.n. ([WU 0075981](#)).—[Greece] Flora Cycladum: in insula Seriphopula: 17 March 1901, B. Tuntas s.n. ([WU 0075982](#)).—[Greece] Flora Cycladum: in parva insula Kalopod.; in insula Cythno: 18 March 1901, B. Tuntas s.n. ([WU 0075983](#)).

Campanulaceae

Campanula aizoon var. *minor* Maire & Petitm. *in herb.*

Authentic specimen:—[Greece] Peloponnesus: mons Khelmos in saxosis calcareis zon. alpinae supra fontem “του πουλιου η βρυση” dictam et loco dicto Kastraki, copiose. 2100–2250 m: 12 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 696 ([WU 0078395](#)).

Campanula halacsyana Degen *in herb.*

Authentic specimen:—([WU 0077885](#)), syntype for *Symphyandra cretica* var. *samothracica* Degen (quod vide in Catalogue A).

Campanula hellenica Hayek *in herb.*

Authentic specimens:—([WU 0080591](#), [WU 0080592](#), [WU 0080593](#), [WU 0080594](#)), syntypes for *Campanula rotundifolia* subsp. *hellenica* Hayek (quod vide in Catalogue A).

Campanula sancta Hayek *in herb.*

Authentic specimen:—([WU 0080595](#)), lectotype for *Campanula rotundifolia* subsp. *sancta* Hayek (quod vide in Catalogue A).

Caprifoliaceae

Pterocephalus longipedunculatus Tuntas *in herb.*

Authentic specimens:—(WU 0077536, WU 0077537), syntypes for *Pterocephalus perennis* f. *longipedunculatus* Tuntas ex Hayek (quod vide in Catalogue A).

Scabiosa brachiata var. *depressa* E. Rev. in herb.

Authentic specimen:—[Greece] Crete. L'Akroteri. lieux arides. Plante rare: 12 June 1883, E. Reverchon 67 (WU 0077545).

Scabiosa webbiana f. *tomentosa* Heldr. in herb.

Authentic specimens:—[Greece] In insula Euboea: m. Dirphys, alt. 5000': 1 August 1886, T.H.H. von Heldreich s.n. (WU 0077550).—[Greece] In m. Oeta (nunc Katavothra) Phthiotidis. In pascuis subalpinis, alt. 5500'–6300'. Myhlithi: 2 July 1879, T.H.H. von Heldreich s.n. (WU 0077551).

Valerianella echinata var. *intermedia* Heldr. in herb.

Authentic specimen:—[Greece] Flora Cycladum: in insula Cythno (Κύθνος): April 1900, B. Tuntas s.n. (WU 0077530).

Caryophyllaceae

Cerastium illyricum var. *apetalum* Heldr. in herb.

Authentic specimen:—[Greece] Flora Attica: in colle "Turcobuni" pr. Athenas: 3 April 1878, T.H.H. von Heldreich s.n. (WU 0074341).

Dianthus lilacinus var. *alpinus* Heldr. in herb.

Authentic specimens:—(WU 0073696, WU 0073697), isolectotypes for *Dianthus lilacinus* var. *androsaceus* Boiss. & Heldr. (quod vide in Catalogue A).

Silene colorata var. *hirticaulis* Halácsy in herb.

Authentic specimen:—[Greece] Graecia: mt. Taygetos reg. mt: May 1905, L. Adamović 173 (WU 0073400).

Tunica pruinoso Halácsy mss.

Authentic specimens:—[Greece] Acarnania. In lapidosis apricis prope urbem Agrinion. Solo calcareo: 3 July 1893, E. von Halácsy s.n. (WU 0073654, WU 0073655).

A handwritten description by Halácsy was enclosed to the sheet.

Cistaceae

Fumana procumbens var. *alpina* Maire & Petitm. in herb.

Authentic specimen:—[Greece] Peloponnesus: mons Khelmos, in rupibus calcareis supra vallem Itygis, loco dicta Kartraki. 2100 m: 12 August 1906, R.C.J.E. Maire & M.G.C. Petitmengin 709 (WU 0076333).

Helianthemum apenninum var. *atticum* Heldr. in herb.

Authentic specimen:—[Greece] Flora Attica; in m. Pentelico, in reg. infer: 16 April 1894, T.H.H. von Heldreich s.n. (WU 0076331).

Helianthemum grimburgii Halácsy in herb.

Authentic specimen:—[Greece] Arcadia. In rupestribus calcareis regionis inferioris mt. Kyllene (Ziria hodie) prope pagum Gura, rarissime. Alt. 800 m: 23 June 1893, K. Grimus Ritter von Grimburg s.n. (WU 0076328), authentic specimen for *Helianthemum grimburgii* f. *membrosa* Halácsy (quod vide in Catalogue C).

Helianthemum grimburgii f. *membrosa* Halácsy in herb.

Authentic specimen:—(WU 0076328), authentic specimen for *Helianthemum grimburgii* Halácsy (quod vide in Catalogue C).

Convolvulaceae

Convolvulus arvensis f. *minor* Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Tenos: 23 June 1901, T.H.H. von Heldreich s.n. ([WU 0079089](#)).

Cucurbitaceae

Bryonia elwellia Heldr. *in herb.*

Authentic specimens:—[Greece] Mykonos: ad rupes et moros: 8 July 1901, T.H.H. von Heldreich & E. von Halácsy s.n. ([WU 0076550](#), [WU 0076551](#), [WU 0076552](#))—([WU 0076553](#)), syntype for *Bryonia cretica* var. *elwellia* Heldr. ex Halácsy (quod vide in Catalogue A).

Cystopteridaceae

Cystopteris taygetensis Heldr. & Sartori *in herb.*

Authentic specimen:—[Greece] In m. Parnassi reg. super: July 1855, J. Guicciardi s.n. ([WU 0080307](#)).

Ericaceae

Erica verticillata var. *floribunda* Bald. *in herb.*

Authentic specimen:—[Greece] In dumetis ad pagum Kavusi distr. Amari: 12 August 1893, A. Baldacci 186 ([WU 0078920](#)).

Euphorbiaceae

Euphorbia dendroides f. *longifolia* Heldr. *in herb.*

Authentic specimen:—[Greece] Laconia: in monte Selitza pr. Kalamata: March 1896, K.H. Zahn s.n. ([WU 0078180](#)).

Euphorbia dendroides f. *pumila* Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula parva Piperi v. Katopodi prope Kythnos: 18 March 1901, B. Tuntas s.n. ([WU 0078179](#)).

Euphorbia heldreichii var. *glabrata* Orph. *in herb.*

Authentic specimen:—([WU 0078176](#)), lectotype for *Euphorbia heldreichii* var. *roeseri* Orph. (quod vide in Catalogue A).

Euphorbia helioscopia f. *maxima* Heldr. *in herb.*

Authentic specimen:—[Greece] Plantae in Messenia, prope Kalamata, ad Tossos: February 1899, K.H. Zahn s.n. ([WU 0078169](#)).

Euphorbia helioscopia f. *procumbens* Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: ad radices montis Hymetti prope Trakones: 24 March 1878, T.H.H. von Heldreich s.n. ([WU 0078170](#)).

Euphorbia helioscopia var. *supina* Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in collibus maritimis Piraei: 22 March 1894, T.H.H. von Heldreich s.n. ([WU 0078171](#)).

Fabaceae

Alhagi tournefortii f. *robusta* Heldr. in herb.

Authentic specimen:—[Greece] Flora Cycladum: in insula Tenos, in halipedo ad urbem: 23–29 June 1901, T.H.H. von Heldreich s.n. ([WU 0073126](#)).

Astragalus parnassi var. *parviflora* Širj. in herb.

Authentic specimen:—[Greece] Flora Attica: in regione abietina montis Parnethis. Hagia Trias: 23 June 1911/6 July 1911, B. Tuntas 1400 ([WU 0073061](#)).

Astragalus wulfenii var. *pallida* Boiss. in herb.

Authentic specimens:—[Greece] In monte Malevo Laconiae (Parnon Vet) prope Hajos-Ioannis (rare). Fl. Apr – Majo. alt. 3000': 19 April 1857/1 May 1857, T.G. Orphanides 601 ([WU 0073034](#)).—[Greece] Legi in monte Parnes Atticae inter Metocki et Coronilia: May 1851, T.G. Orphanides s.n. ([WU 0073035](#)).

Coronilla parviflora f. *parvula* Uhrová in herb.

Authentic specimens:—[Greece] Insula Skopelos: 27 April – 18 May 1896, C. Leonis s.n. ([WU 0073112](#)).—([WU 0073113](#)), authentic specimen for *Coronilla chia* Orph. (quod vide in Catalogue B).

Coronilla varia f. *aspera* Uhrová in herb.

Authentic specimen:—[Greece] M. Korax. Prope Musinitza: 5 June 1899, C. Leonis 278 ([WU 0073110](#)).

Coronilla varia f. *nana* Uhrová in herb.

Authentic specimen:—[Greece] Epirus orientalis. In regione abietina mt. Tsumerka supra pagum Vulgarelion. Alt. 1200 m. Solo calcareo: 8 July 1893, E. von Halácsy s.n. ([WU 0073111](#)).

Dorycnium nanum Heldr. & Hausskn. in herb.

Authentic specimen:—[Greece] Regio Pindi: circa Penei et Acheloi fontes, alt. 5000–5500', prope Dokimi, ad fines Hellenico-turcicos, rar: 20 July 1885, T.H.H. von Heldreich s.n. ([WU 0072962](#)).

Dorycnium pentaphyllum var. *glanduliferum* Tuntas in herb.

Authentic specimens:—[Greece] Corcyra: pr. Kalafationes: May 1912, B. Tuntas s.n. ([WU 0072963](#)).—[Greece] In insula Corcyra prope Kalafationes: May 1912, B. Tuntas 1629 ([WU 0072964](#)).

Lotus creticus var. *viridescens* Boiss. in herb.

Authentic specimen:—([WU 0072966](#)), syntype for *Lotus creticus* var. *collinus* Boiss. (quod vide in Catalogue A).

Medicago cythnia Heldr. in herb.

Authentic specimen:—[Greece] Flora Cycladum: in insula Cythno (Κύθνος): April 1900, B. Tuntas s.n. ([WU 0073191](#)).

Medicago disciformis f. *microcarpa* Heldr. in herb.

Authentic specimen:—[Greece] Flora Cycladum: in insula Cythno (Κύθνος): April 1900, B. Tuntas s.n. ([WU 0072786](#)).

Onobrychis ebenoides f. *heldreichii* Širj. in herb.

Authentic specimen:—([WU 0073123](#)), syntype for *Onobrychis hybrida* Halácsy (quod vide in Catalogue A).

Onobrychis lasiostachya var. *glabrescens* Boiss. in herb.

Authentic specimens:—[Greece] In insula Chio prope Varylus (rare): 25 April 1856/7 May 1856, T.G. Orphanides 564 ([WU 0073116](#), [WU 0073117](#)).

Ononis reclinata* f. *minuta Heldr. *in herb.*

Authentic specimens:—[Greece] Flora Cycladum: in insula Cythno (Κύθνος): 19–20 March 1901, B. Tuntas s.n. ([WU 0072802](#)).—[Greece] Flora Cycladum: in insula Cythno (Κύθνος): April 1900, B. Tuntas s.n. ([WU 0072803](#)).

Vicia sibthorpii* f. *major Heldr. *in herb.*

Authentic specimen:—[Greece] In insula Hydra: 3–10 April 1876, T.H.H. von Heldreich s.n. ([WU 0073144](#)).

Vicia sibthorpii* var. *albiflora Tuntas *in herb.*

Authentic specimens:—[Greece] Flora Attica: in regione abietina montis Parnas: May 1913, B. Tuntas 1938 ([WU 0073141](#)).—[Greece] Flora Attica: in regione abietina montis Parnethis: 28 November 1913, B. Tuntas 1938 ([WU 0073142](#)).

Frankeniaceae

Frankenia hirsuta* f. *pycnophylla Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in regione Laurii. In petrosis ad littora maris, prope Ergastiria: 8 May 1885, T.H.H. von Heldreich s.n. ([WU 0076343](#)).

Iridaceae

Crocus olivieri* var. *kiurkius Tuntas *in herb.*

Authentic specimens:—[Greece] Flora Attica: in collibus saxosis prope pagum Kiurka: 18 January 1912/31 January 1912, B. Tuntas 1521 ([WU 0078470](#)).—[Greece] Flora Attica: in m. Parnethe pr. Dekeleiam (hod. Tatoi): 19 January 1912/1 February 1912, B. Tuntas 1520 ([WU 0078471](#)).

Iris attica* var. *lutescens Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in m. Hymetto: 25 April 1898, T.H.H. von Heldreich s.n. ([WU 0078468](#)).

Romulea uliginosa Boiss. & Heldr. *in herb.*

Authentic specimen:—[Greece] In pratis paludosis maritinitimis pr. Plataniam Cretae: March 1846, T.H.H. von Heldreich s.n. ([WU 0078469](#)).

Lamiaceae

Lamium amplexicaule* var. *microphyllum Heldr. *in herb.*

Authentic specimens:—[Greece] Flora Cycladum: in insula Mykonos: December 1900, T.H.H. von Heldreich s.n. ([WU 0073486](#)).—[Greece] Flora Cycladum: in insula Kalopodi: 18 March 1901, B. Tuntas s.n. ([WU 0073487](#)).

Lamium avacynthium Heldr. *in herb.*

Authentic specimen:—[Greece] In Klissuru Avakynthi Aetoliae: 21 May 1878, T.H.H. von Heldreich s.n. ([WU 0073466](#)).

Lavandula stoechas* var. *latifolia Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula: 1860, Armenis s.n. ([WU 0074850](#)).

Marrubium halacsyi Formánek *in herb.*

Authentic specimen:—[Greece] Mont. Micikeli, Epirus: 3 August 1894, E. Formánek s.n. ([WU 0074238](#)).

Mentha sieberi* var. *rigida E. Rev. *in herb.*

Authentic specimens:—[Greece] Flora Cretensis: Soudha: 6 August 1883, E. Reverchon 5051 ([WU 0074887](#)).—
[Greece] Marais de la Soudha: 6 August 1883, E. Reverchon 125 ([WU 0074889](#)).

Mentha sieberi* var. *rotundifolia E. Rev. *in herb.*

Authentic specimen:—[Greece] Platania, marais: 10 August 1883, E. Reverchon s.n. ([WU 0074888](#)).

Satureja montana* f. *pateraea Tuntas *in herb.*

Authentic specimens:—[Greece] Flora Attica: in regione abietina montis Parnethis: 26 September 1913/9 October 1913, B. Tuntas 2175 ([WU 0080526](#)).—[Greece, sine loco]: s.d., B. Tuntas s.n. ([WU 0080527](#)).

Satureja spinosa* var. *parnassica Heldr. & Sartori *in herb.*

Authentic specimen:—[Greece] In rupibus regionis mediae montis Parnassi (Karkaria) alt 4500': 24 August 1856, T.H.H. von Heldreich 80 ([WU 0074677](#)).

Stachys cretica* f. *chondrostachys Heldr. *in herb.*

Authentic specimen:—[Greece] Planities Thessaliae (Pelasiogotis, nunc Revénia): in collibus siccis prope Tyrnovo: 30 July 1885, T.H.H. von Heldreich s.n. ([WU 0073634](#)).

Thymus capitatus* var. *microcephalus Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Mykonos: 14 July 1901, T.H.H. von Heldreich s.n. ([WU 0074706](#)).

Thymus chaubardii Boiss. & Heldr. *in herb.*

Authentic specimen:—([WU 0074807](#)), syntype for *Thymus serpyllum* var. *chaubardii* Boiss. & Heldr. ex Rechb. f. (quod vide in Catalogue A).

Thymus dirphyus Halácsy *in herb.*

Authentic specimen:—[Greece] Legi ad radices montis Delphi Euboeae prope Steni: 18 April 1865/30 April 1865, T.G. Orphanides 488 ([WU 0074812](#)).

Liliaceae

Fritillaria andria Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Andros (Menariá): 8 March 1901, T.H.H. von Heldreich s.n. ([WU 0079061](#)).

Nitrariaceae

Peganum harmala* f. *longifolium Heldr. *in herb.*

Authentic specimen:—[Greece] In Cycladum ins. Tenos (Katomeria): 26 June 1901, T.H.H. von Heldreich s.n. ([WU 0076434](#)).

Oleaceae

Olea europaea* subvar. *atheniensis Heldr. *in herb.*

Authentic specimen:—[Greece] Attica: culta in oliveto Athenarum: 24 May 1884 (flor.) & 17 November 1884 (fruct.), T.H.H. von Heldreich 859 ([WU 0078988](#)).

Olea europaea* subvar. *leucocarpa Heldr. *in herb.*

Authentic specimen:—[Greece] Attica: var. fructibus maturis albis, rarius culta: 23 May 1884 (flor.) & 12 November 1884 (fruct.), T.H.H. von Heldreich 861 ([WU 0078989](#)).

***Olea europaea* subvar. *megarensis* Heldr. in herb.**

Authentic specimen:—[Greece] Attica: varietas prope Megaram (nec non pr. Corinthum) saepius culta: 23 May 1884 (flor.) & 13 November 1884 (fruct.), T.H.H. von Heldreich 860 ([WU 0078990](#)).

Orchidaceae

***Cephalanthera rubra* var. *gracilis* Heldr. in herb.**

Authentic specimen:—[Greece] Flora Attica: in m. Parnethis regione abietina, rariss: 14 June 1895, T.H.H. von Heldreich s.n. ([WU 0078439](#)).

***Epipactis latifolia* var. *graeca* Halácsy in herb.**

Authentic specimen:—[Greece] Plantae in Messenia. Langada: 10–22 June 1899, K.H. Zahn [Herb. Graec. Norm.?] 1158 ([WU 0078440](#)).

***Orchis morio* var. *graeca* Orph. in herb.**

Authentic specimen:—([WU 0078441](#)), authentic specimen for *Orchis graeca* Orph. ex Soó (quod vide in Catalogue B).

***Orchis felicitatis* Halácsy in herb.**

Authentic specimen:—[Greece] Cycladum insula Thera: in herbis cacuminis mt. Hagios Eliás rarissime: 14 April 1911, F.v. Hayek s.n. ([WU 0078442](#)).

Orobanchaceae

***Orobanche pubescens* var. *parvula* Heldr. in herb.**

Authentic specimens:—[Greece] Flora Cycladum: ad insula Cythno (Κύθνος): April 1900, B. Tuntas s.n. ([WU 0072971](#), [WU 0072972](#)).

Papaveraceae

***Fumaria officinalis* var. *laxiflora* Boiss. in herb.**

Authentic specimen:—[Greece] In monte Malevo Laconiae prope Hajos Joannis (rara) Καπνια, καρνοχορτον hod. Χιονιστρα in Laconia. Καπνος Diosc. alt. 3000': 18 June 1856/30 June 1856, T.G. Orphanides 519 ([WU 0075937](#)).

***Papaver gizianum* Heldr. in herb.**

Authentic specimen:—[Greece] Flora Cycladum: in insula Mykonos, in vinetis: 4 July 1901, T.H.H. von Heldreich s.n. ([WU 0075836](#)).

Pinaceae

***Pinus telethria* Heldr. in herb.**

Authentic specimens:—[Greece] Euboae septentrionalis: in monte Telethrion, in reg. infer. silvas efformans, alt. 800–1200', prope Kastanistissa: 4 July 1890, T.H.H. von Heldreich s.n. ([WU 0080309](#), [WU 0080311](#)).—[Greece] Euboae septentrionalis: in monte Telethrion, in reg. infer. prope Kastanistissa, silvas efformans, alt. 800–1200': 4 July 1890, T.H.H. von Heldreich s.n. ([WU 0080310](#)).

Plantaginaceae

Globularia alypum* f. *maritima Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in collibus maritimis Piraei: 22 March 1894, T.H.H. von Heldreich s.n. (WU 0077720).

Globularia alypum* var. *alba Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica, in m. Parnethe pr. Dekeleiam (hod. Tatoï): 4 March 1878, T.H.H. von Heldreich s.n. (WU 0077719).

Plantago arenaria* var. *maritima Boiss. *in herb.*

Authentic specimen:—(WU 0077756), syntype for ***Plantago arenaria* var. *divaricata*** Boiss. (quod vide in Catalogue A).

Plumbaginaceae

Armeria undulata* f. *angustifolia Heldr. *in herb.*

Authentic specimen:—[Greece] In Atticae montibus (Hymetto, Parnethes) alt. 3000'–4000'. M. Pateras: 4 June 1878, T.H.H. von Heldreich 212 (WU 0077732), authentic specimen for ***Armeria undulata* var. *minor*** Heldr. (quod vide in Catalogue C).

Armeria undulata* var. *minor Heldr. *in herb.*

Authentic specimen:—(WU 0077732), authentic specimen for ***Armeria undulata* f. *angustifolia*** Heldr. (quod vide in Catalogue C).

Poaceae

Aira intermedia* var. *biaristata Halácsy *mss.*

Authentic specimen:—[Greece] Agrapha (Dolopia vet.) Korona: 1885, H.K. Haussknecht s.n. (WU 0079585). Described by Halácsy in a handwritten letter stored in WU-Halácsy-Graec. together with the corresponding voucher.

Arrhenatherum orphanidis Boiss. *in herb.*

Authentic specimen:—[Greece] M. Chelmos pr. Klukines: 17 June 1892, T.G. Orphanides s.n. (WU 0079592).

Avena pratensis* var. *taygetea Heldr. *in herb.*

Authentic specimen:—(WU 0079589), isotype for ***Avenula peloponnesiaca*** Holub (quod vide in Catalogue A).

Bromus myconius Halácsy *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Mykonos, l. d. Vrys: 20 July 1901, T.H.H. von Heldreich s.n. (WU 0080303).

Eragrostis major* f. *congesta Heldr. *in herb.*

Authentic specimen:—[Greece] Planities Thessaliae (Histaeotis): prope Sarkos, inter Ericcam et Larissam: 29 July 1885, T.H.H. von Heldreich s.n. (WU 0080315).

Melica cretica* var. *pindica W. Hempel *in herb.*

Authentic specimen:—[Greece] Epirus orientalis. In regione media mt. Tsumerka supra pagum Theodoriana. Alt. 1000 m. Solo calcareo: 9 July 1893, E. von Halácsy s.n. (WU 0080225).

Oryzopsis coerulescens* var. *pallida Heldr. *in herb.*

Authentic specimens:—[Greece] Flora Attica: in rupinis collis Lycabetti: 29 April 1892, T.H.H. von Heldreich 51 ([WU 0079479](#), [WU 0079480](#)).

Piptatherum coeruleascens var. *pallidum* Heldr. in herb.

Authentic specimen:—[Greece] Flora Attica: in colle Lycabetto prope Athenas, ad rupes: 30 April 1877, T.H.H. von Heldreich s.n. ([WU 0079476](#)).

Sesleria spathacea Hack. in herb.

Authentic specimen:—[Greece] Taygetus in faucé Langáda: 17 April 1883, C.C. Lacaita s.n. ([WU 0079486](#)).

Polygalaceae

Polygala nicaeënsis var. *laconica* Boiss. & Orph. in herb.

Authentic specimen:—([WU 0076339](#)), syntype for *Polygala nicaeënsis* var. *tomentella* Boiss. (quod vide in Catalogue A).

Polygala vulgaris var. *humilis* Heldr. in herb.

Authentic specimen:—[Greece] Agrapha (Dolopia veterum): in regione superiore Pindi summi montis Karáva, alt. 5500–6500', substratu schistoso: 1–3 July 1885, T.H.H. von Heldreich s.n. ([WU 0076340](#)).

Polygonaceae

Polygonum littorale f. *macra* Heldr. in herb.

Authentic specimen:—[Greece] Attica: in quadam via urbis Athenarum: 25 September 1885, T.H.H. von Heldreich 879 ([WU 0078155](#)).

Rumex bucephalophorus f. *macrodonta* Heldr. in herb.

Authentic specimen:—[Greece] Messenia: in herbidis ad vias et in locis cultis prope Kalamata: March – April 1899, K.H. Zahn s.n. [Herb. Graec. Norm. 1578] ([WU 0077983](#)).

Rumex parnassica Boiss. & Orph. in herb.

Authentic specimen:—[Greece] Legi in monte Parnasso prope Trypios - Vraekos. alt. 7000': 13 July 1856, T.G. Orphanides 2723 ([WU 0077984](#)).

Primulaceae

Anagallis arvensis f. *gracilis* Heldr. in herb.

Authentic specimen:—[Greece] Greece. Agrapha (Dolopia veterum): in oropedio Neurópolis reg. infer. Pindi, alt. 3500', substratu schistoso, prope Pezula: 29 June 1885, T.H.H. von Heldreich s.n. ([WU 0077708](#)).

Anagallis arvensis f. *grandiflora* Freyn in herb.

Authentic specimen:—[Greece] Volo: ad rivulos prope Lechonia: 28 April 1896, P.E.E. Sintenis 8 ([WU 0077707](#)).

Anagallis atrovirens Heldr. in herb.

Authentic specimens:—[Greece] Flora Cycladam: in insula Mykonos ad postum Myrsini, in maritimis: 23 July 1901, T.H.H. von Heldreich s.n. ([WU 0077691](#)).—[Greece] Flora Cycladam: in insula Mykonos ad postum Panormos, in maritimis: 4 July 1901, T.H.H. von Heldreich s.n. ([WU 0077692](#)).

Samolus valerandi f. *cretica* Bald. in herb.

Authentic specimen:—[Greece] Crete. In cretanis maritimes et montanis ad Kasteli et Kakopetre distr. Kisamos: 21–24

June 1893, A. Baldacci 38 ([WU 0077713](#)).

Samolus valerandi f. minor Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Cea, solo schistoso (“Schiste cristallin”). ad rivulum Phlea: 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0077714](#)).

Samolus valerandi f. vegeta Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Cea, solo schistoso (“Schiste kristallin”), in halipedo Livadi: 21–24 May 1898, T.H.H. von Heldreich s.n. ([WU 0077717](#)).

Samolus valerandi var. pinguiuscula Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Cycladum: in insula Mykonos: 11 July 1901, T.H.H. von Heldreich s.n. ([WU 0077718](#)).

Ranunculaceae

Anemone blanda var. atrocaerulea Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in m. Parnethis regione abietina. alt. 3600': 24 March 1894, T.H.H. von Heldreich s.n. ([WU 0074911](#)).

Anemone blanda var. rustica Heldr. *in herb.*

Authentic specimen:—[Greece] Attica: in m. Parnethis regione media, alt. 3000': 5 March 1895, T.H.H. von Heldreich 1102 ([WU 0074910](#)).

Ranunculus sprunerianus f. arvensis Heldr. *in herb.*

Authentic specimen:—[Greece] Attica: in arvis vallis Cephissi, inter oliveta: 27 March 1894 (flor.) & 9 May 1894 (fruct.), T.H.H. von Heldreich 1202 ([WU 0074937](#)).

Thalictrum minus var. alpinum Heldr. *in herb.*

Authentic specimen:—[Greece] In m. Oeta Phthiotidis. In saxosis prope summum cacumen Kreveno, alt. 6000'–6565': 10 July 1879, T.H.H. von Heldreich s.n. ([WU 0074907](#)).

Rosaceae

Amelanchier myrtocarpa Orph. *in herb.*

Authentic specimen:—([WU 0076479](#)), syntype for ***Amelanchier cretica var. chelmea*** Halácsy (quod vide in Catalogue A).

Rubiaceae

Asperula atheniensis Heldr. *in herb.*

Authentic specimen:—[Greece] Flora Attica: in collibus saxosis prope Athenas. In Lycabetto: 16 May 1896, T.H.H. von Heldreich s.n. ([WU 0077485](#)).

Asperula longiflora var. tenuis Heldr. *in herb.*

Authentic specimen:—([WU 0077512](#)), syntype for ***Asperula longiflora var. heldreichii*** Halácsy (quod vide in Catalogue A).

Asperula lutea var. hirtella Halácsy *in herb.*

Authentic specimen:—[Greece] Doris: in regione abietinae montis Kionae, alt. 4000': 11 July 1888, E. von Halácsy s.n. ([WU 0077484](#)).

Asperula mungieri f. *alpina* Heldr. *in herb.*

Authentic specimen:—[Greece] M. Taygetus: in reg. alpina l. d. Vathià Lakka: July 1897, T.H.H. von Heldreich 1434 ([WU 0077491](#)).

Sapindaceae

Acer macedonicum Boiss. & Orph. *in herb.*

Authentic specimen:—[North Macedonia] Prope Bitolia Macedoniae: 25 July 187#, T.G. Orphanides 1048 ([WU 0076413](#)).

The correct collecting year could be 1862 as Orphanides travelled to North Macedonia in that year according to vouchers in LD and WU, making collections from the surroundings of Bitola.

Scrophulariaceae

Verbascum aroanium Halácsy *mss.*

Authentic specimen:—[Greece] Arcadia. In saxosis calcareis apricis mt. Kastro prope pagum Kalavryta ad radices mt. Chelmos (Araonia vet.) copiose. alt 800 m: 15 June 1893, E. von Halácsy s.n. ([WU 0072818](#)).

A handwritten description by Halácsy is enclosed with the sheet.

Verbascum blattaria var. *longipes* Murb. *in herb.*

Authentic specimens:—[Greece] In mt. Olympo prope Tyrnavos: 1–13 August 1913, B. Tuntas 1960 ([WU 0072812](#)).—[Greece] In m. Parnassi reg. inf. pr. Rachova: July 1855, J. Guicciardi s.n. ([WU 0072813](#)).—[Greece] In mt. Olympo prope Selo: 1–13 August 1913, B. Tuntas 1966 ([WU 0072814](#)).—[Greece] Prope Rachovam Parnassi: 29 June 1854, T.G. Orphanides s.n. ([WU 0072815](#)).—[Greece] Euboea septentrionalis: in monte Telethron, reg. infer. pr. Kastaniotissa: 25 June 1890, T.H.H. von Heldreich s.n. ([WU 0072816](#)).

Urticaceae

Parietaria judaica f. *lancifolia* Heldr. *in herb.*

Authentic specimen:—([WU 0078252](#)), syntype for *Parietaria judaica* var. *lancifolia* Heldr. ex Halácsy (quod vide in Catalogue A).

Parietaria satureiifolia Heldr. *in herb.*

Authentic specimens:—([WU 0078250](#), [WU 0078251](#)), syntypes for *Parietaria judaica* var. *satureiifolia* Heldr. ex Halácsy (quod vide in Catalogue A).

Verbenaceae

Verbena haussknechtii Heldr. *in herb.*

Authentic specimen:—[Greece] Planities Thessaliae (Thessalotis): prope Karditza, rar.: 18 July 1885, T.H.H. von Heldreich s.n. ([WU 0072999](#)).

Verbena officinalis f. *gracilis* Heldr. *in herb.*

Authentic specimen:—[Greece] Planities Thessaliae (Thessalotis): prope Karditza. in pago: 20 July 1885, T.H.H. von Heldreich s.n. ([WU 0072991](#)).

Verbena officinalis var. *macrantha* Heldr. & Hausskn. *in herb.*

Authentic specimen:—[Greece] Agrapha (Dolopia veterum): in regione inferiori m. Pindi circa monasterium Koróna, alt. 3500'–3700': 20–28 June 1885, T.H.H. von Heldreich s.n. ([WU 0072990](#)).

Verbena supina f. *erectiuscula* Heldr. in herb.

Authentic specimen:—[Greece] Planities Thessaliae (Thessalotis): Karditza, in pago: 18 July 1885, T.H.H. von Heldreich s.n. ([WU 0073003](#)).

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