

The vascular flora of Mt. Oiti National Park and the surrounding area in Greece

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Abstract

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This paper presents the first comprehensive checklist of vascular plants for an especially important area for biodiversity, namely National Park “Ethnikos Drymos Oitis” – Natura 2000 site (GR2440004) and the surrounding area in Greece. This list includes a total of 1,153 plant taxa, including 79 endemic taxa and two local endemic species (*Allium lagarophyllum* Brullo, Pavone & Tzanoudakis and *Veronica oetaea* Gustavsson). It is noteworthy that 551 plants are new records for the flora of Mt. Oiti. A total of 67 taxa are protected by national and international legislation, while 52 orchid taxa are also protected by the Convention of International Trade in Endangered Species of Wild Fauna and Flora (CITES). *Veronica oetaea*, a priority species of Annex II of the Directive 92/43, is also protected by the Berne Convention. The high plant species diversity and endemism make Mt. Oiti National Park an important area with high conservation value, thus providing baseline information which could be utilized for further research.

Keywords: diversity; ecology; environment; protected areas; endemics; checklist; Greece

Mediterranean Basin is the third richest hotspot in the world in terms of plant biodiversity (MITTERMEIER et al. 2004). Mediterranean mountains host an especially high plant diversity and endemism (SAINZ OLLERO, MORENO SAIZ 2002; MARTÍN-BRANO et al. 2010), rendering them an ideal stage for biodiversity and biogeographical studies. Greece, located at the crossroad of three continents, namely Europe, Asia and Africa, is an important component of the Mediterranean Basin hotspot.

The vascular flora of Greece comprises 5,758 species and 1,970 subspecies (native and naturalized), representing 6,620 taxa, belonging to 1,073 genera and 185 families (DIMOPOULOS et al. 2013, 2016). The endemic vascular flora of Greece includes 1,459 taxa (22% of the total number of taxa in Greece), cor-

responding to 1,274 endemic species (22.1% of the total number of Greek species) and 450 endemic subspecies (22.8% of the total number of Greek subspecies) (DIMOPOULOS et al. 2013, 2016).

Mt. Oiti is a mountain with high ecological importance, which, however, belongs to the less explored areas of Greece (DIMOPOULOS, GEORGIADIS 1995). Several botanists have visited this area in the past, attracted by its high plant diversity and endemism. The most important publications on the flora of Mt. Oiti have been made by HELDREICH (1890), “Conspectus Florae Graeca” (VON HALÁCSY 1901, 1902, 1904) who mentions 150 taxa, “Flora montis Oeta en Grece” (REGEL 1943, 1953) that includes 338 taxa and the Mountain Flora of Greece I, II (STRID 1986; STRID, TAN 1991) including 371 taxa.

The aim of this study is to provide the first comprehensive species list of native vascular plant species for an especially important area concerning plant biodiversity, namely National Park “Ethnikos Drymos Oitis” – Natura 2000 site (GR2440004) and the surrounding area of Mt Oiti in Greece. This checklist is expected to serve as a basis for a better understanding of the Greek flora and to promote more comprehensive floristic and taxonomic studies of groups or regions that require more detailed inventory and/or systematic work. We also hope that will contribute towards a more effective conservation management of Mt. Oiti National Park.

MATERIAL AND METHODS

Study area. Mt. Oiti National Park (Fig. 1) is characterized by high geological and geomorphological heterogeneity. Moreover, it has abundant water sources, and it is located at the transition zone between Northern and Southern Greece. The elevation ranges from 400 to 2,116 m a.s.l., and its area covers 7,210 ha.

The study area (latitude: between 38°56'48"N and 38°41'43"N, longitude: between 22°8'44"E and 22°29'26"E) is important for biodiversity, both at

the national and regional levels, as it includes a large variety of natural and semi-natural habitats. It also hosts a large number of plant and animal species, some of them rare, and it is the southernmost distribution limit of several plant species like *Caltha palustris* Linnaeus and *Trollius europaeus* Linnaeus. It is also important for biodiversity at the European level and for this reason it has been designated as a European Council Biogenetic Reserve (KARETSOS 2002).

The vegetation of Mt. Oiti is mainly consisted of *Abies cephalonica* Loudon forests, which cover approximately 38% of the studied area and 50% of the whole mountain. The presence of *Quercus frainetto* Tenore forests as well as mixed fir-oak ones (about 7%) in the southern and western parts of the area is significant. High altitude grasslands and rocky pastures cover approximately 10% of the area (MAVROMATIS 1980; KARETSOS 2002).

The average temperature in lowland areas reaches 7.6°C in the coldest month and 27.8°C in the warmest, while at the summit area the corresponding values are 2.2 and 16.8°C, respectively. The substrate of Mt. Oiti is mainly composed by sandstone flysch, hard limestones and alluvial deposits (Ministry of Agriculture 1981, 1985).

Plant collections. Plant collections were mainly made in two distinct periods during 1999–2001 and

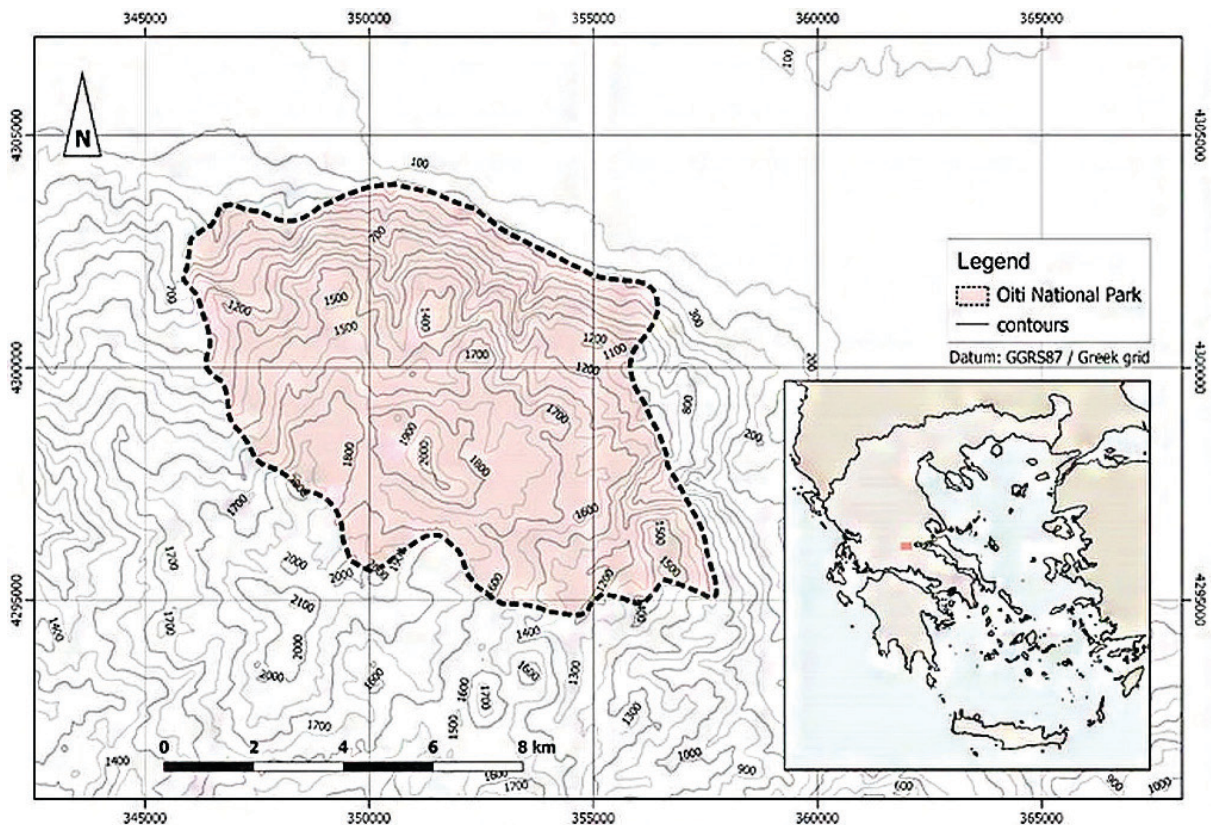


Fig. 1. Topographic map of Mt. Oiti National Park

2011–2013. Plant collection efforts were mainly focused within the boundaries of Mt. Oiti National Park. Plant collections were also made in other areas, covering almost the entire mountain, beyond the borders of the protected area. All habitat types distributed across the entire elevational range of the study area were systematically sampled during all seasons. The collected plant specimens are deposited at the Herbarium of the Institute of the Mediterranean and Forest Ecosystems, Laboratory of Forest Ecology, Hellenic Agricultural Organization “DEMETER”.

Species identification was mainly based on Mountain Flora of Greece I, II (STRID 1986; STRID, TAN 1991), Flora Hellenica I & II (STRID, TAN 1997, 2002) and Flora Europaea (TUTIN et al. 1968, 1972, 1976, 1993a, b). Plant nomenclature and distribution follow DIMOPOULOS et al. (2013, 2016). Regarding plant life-forms, the systems of RAUNKIAER (1934), ELLENBERG (1956), BRAUN-BLANQUET (1964), and PIGNATTI (1982a–c) were followed.

RESULTS AND DISCUSSION

Taxonomic diversity and endemism

The flora of Mt. Oiti consists of 1,153 vascular plant taxa (species and subspecies) (Table 1, Appendix 1). About half of them (551 taxa) are new floristic records for Mt. Oiti, resulting from the present study. The flora of Mt. Oiti also includes 79 endemic taxa and two local endemic species (*Allium lagarophyllum* Brullo, Pavone & Tzanoudakis and *Veronica oetaea* Gustavsson). A total of 67 taxa are protected and 52 orchid taxa are also protected by the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). *Veronica oetaea*, a priority species of Annex II of the Directive 92/43, is also protected by the Berne Convention (IUCN 2013). One more plant, *Gentiana lutea* Linnaeus, is listed in Annex V of the above-mentioned directive.

The distribution of the vascular plants of Mt. Oiti into the main plant groups is presented in Table 1.

Table 1. Representation of vascular plant taxa in the flora of Mt. Oiti

	Family	Genus	Species + subspecies	Percentage
Pteridophytes	10	11	21	1.82
Gymnosperms	4	6	9	0.78
Angiosperms	97	540	1,123	97.39
Total	111	557	1,153	100.00

Table 2. The taxa-richest families in the flora Mt. Oiti

Family	Taxa richness (> 40)
Asteraceae	132
Poaceae	100
Fabaceae	73
Lamiaceae	62
Caryophyllaceae	62
Brassicaceae	59
Orchidaceae	52
Apiaceae	43
Total	583

Among the 111 families, the eight richest are listed in Table 2 (taxa number > 40), and they include 583 taxa. According to other studies (PAVLIDIS 1976, 1982; CHRISTODOULAKIS 1986; VOLIOTIS 1988; DIMOPOULOS 1993; DIMITRELLOS, CHRISTODOULAKIS 1995), the same families appear to be the richest even in different and relatively dissimilar regions of Greece.

Life-forms

Life-forms are an important functional trait of plants, reflecting the climatic conditions of a certain region. Hemicryptophytes is the dominant plant life-form in the flora of Mt. Oiti (46.23%), followed by Therophytes (23.16%), Geophytes (10.15%), Chamaephytes (9.97%), and Phanerophytes (9.97%) (Table 3). The dominance of Hemicryptophytes is a valuable indicator for the environment. Because of this, we can easily conclude that Mt. Oiti, despite being close to the sea area of Malliakos and Northern Evoikos Gulf, has a continental climatic character due to the steep elevational rise. The high percentage of Therophytes is primarily influenced by the presence of annual plant species that are mainly distributed at the low elevational belts of Mt. Oiti. Regarding the percentages of Hemicryptophytes and Therophytes, Mt. Oiti is more similar

Table 3. Categories of life-forms and their participation rates in the checklist of the study area

Life-form	No. of taxa	Percentage
Chamaephytes	115	9.97
Geophytes	117	10.15
Hemicryptophytes	533	46.23
Phanerophytes	115	9.97
Therophytes	267	23.16
Hydrophytes	6	0.52
Total	1,153	100.00

to mountainous areas of Northern Greece (e.g. Mt. Paiko, Mt. Vertiskos), than to neighbouring mountains of Sterea Ellas and/or the Peloponnese. This result is probably due the substrate composition (flysch vs. limestone) and the high water availability which seem to be the main factors influencing this pattern.

CONCLUSIONS

Mt. Oiti National Park and the surrounding area is an especially diverse area with a large number of habitat types that host a wide variety of vascular plant species. The flora of the area includes 1,153 vascular plant taxa, 551 of them are first recorded from this area during the present study. The endemic flora consists of 79 taxa, with their distribution range restricted in the political borders of Greece. It is important to highlight the fact that *Allium lagarophyllum* and *Veronica oetaea* are two extremely rare, locally restricted endemics of Mt. Oiti. This study provides the first comprehensive checklist of vascular plants of Mt. Oiti National Park and the surrounding area in Greece. It constitutes a basis for a more effective conservation management of Mt. Oiti National Park, as well as further research on plant diversity issues.

APPENDIX 1. PLANT CHECKLIST

*a new plant record; life-form categories: P – Phanerophytes, C – Chamaephytes, H – Hemictyptophytes, G – Geophytes, T – Therophytes

PTERIDOPHYTES

ASPLENIACEAE

- **Asplenium adiantum-nigrum* L. – H
- Asplenium ceterach* L. subsp. *ceterach* – H
- **Asplenium onopteris* L. – H
- Asplenium ruta-muraria* L. subsp. *ruta-muraria* – H
- Asplenium septentrionale* (L.) Hoffm. – H
- **Asplenium trichomanes* L. subsp. *trichomanes* – H

ATHYRIACEAE

- **Athyrium filix-femina* (L.) Roth – G

CYSTOPTERIDACEAE

- Cystopteris fragilis* (L.) Bernh. – G

DENNSTAEDTIACEAE

- **Pteridium aquilinum* (L.) Kuhn in Kersten subsp. *aquilinum* – G

DRYOPTERIDACEAE

- Dryopteris pallida* (Bory) C. Chr. ex Maire & Petitm. subsp. *pallida* – G
- Dryopteris mindshelkensis* Pavlov – G
- Polystichum aculeatum* (L.) Roth – G
- Polystichum lonchitis* (L.) Roth – G

EQUISETACEAE

- **Equisetum arvense* L. – G
- **Equisetum palustre* L. – G
- **Equisetum ramosissimum* Desf. – G
- **Equisetum telmateia* Ehrh. – G

OPHIOGLOSSACEAE

- Ophioglossum vulgatum* L. – G

POLYPODIACEAE

- Polypodium vulgare* L. – G

PTERIDACEAE

- **Adiantum capillus-veneris* L. – G

SELAGINELLACEAE

- **Selaginella denticulata* (L.) Spring – H

GYMNOSPERMS

CUPRESSACEAE

- **Cupressus sempervirens* L. – P
- Juniperus communis* L. subsp. *nana* (Willd.) Syme – P
- Juniperus foetidissima* Willd. – P
- Juniperus oxycedrus* L. subsp. *deltoides* (R.P. Adams) N.G. Passal. in Bernardo, Passalacqua & Peruzzi – P

EPHEDRACEAE

- **Ephedra foeminea* Forssk. – P
- Ephedra nebrodensis* Guss. subsp. *procera* (Fishc. & C.A. Mey.) K. Richt. – P

PINACEAE

- Abies cephalonica* Loudon – P, endemic
- **Pinus nigra* J.F. Arnold subsp. *nigra* – P

TAXACEAE

- **Taxus baccata* L. – P

ANGIOSPERMS

ACANTHACEAE

- **Acanthus spinosus* L. – H

ACERACEAE

- **Acer campestre* L. – P
- **Acer hyrcanum* Fisch. & C.A. Mey. subsp. *reginae*-

amaliae (Boiss.) E. Murray – P, endemic
Acer monspessulanum L. subsp. *monspessulanum* – P
Acer platanoides L.

ALLIACEAE

Allium achaium Boiss. & Orph. in Boiss.
**Allium flavum* L. subsp. *flavum*
Allium guttatum Steven subsp. *tenorei* (Parl.) Soldano
**Allium hymettium* Boiss. & Heldr. in Boiss.
Allium lagarophyllum Brullo, Pavone & Tzanoud. – G, local endemic
**Allium moschatum* L. – G
Allium pallens L. – G
**Allium paniculatum* L. subsp. *paniculatum* – G
Allium phthioticum Boiss. & Heldr. in Boiss. – G
Allium vineale L. – G

AMARANTHACEAE

**Amaranthus blitum* L. – T

AMARYLLIDACEAE

Narcissus poeticus L. subsp. *poeticus* – G
Narcissus poeticus L. subsp. *radiiflorus* (Salisb.) Baker – G
Sternbergia colchiciflora Waldst. & Kit. – G

ANACARDIACEAE

**Cotinus coggygria* Scop. – P
**Pistacia lentiscus* L. – P
**Pistacia terebinthus* L. subsp. *terebinthus* – P
Rhus coriaria L. – P

APIACEAE

**Bupleurum flavicans* Boiss. & Heldr. in Boiss. – T
**Bupleurum flavum* Forssk. – T
Bupleurum glumaceum Sm. in Sibth. & Sm. – T
Carum graecum Boiss. & Heldr. in Boiss. subsp. *graecum* – H
Chaerophyllum aromaticum L. – H
Chaerophyllum aureum L. – H
Chaerophyllum heldreichii Orph. ex Boiss. – H, endemic
**Daucus carota* L. – T, H
**Daucus guttatus* Sm. in Sibth. & Sm. – T
Dichoropetalum oligophyllum (Griseb.) Pimenov & Kljuykov – H
Dichoropetalum vittijugum (Boiss.) Pimenov & Kljuykov – H
Eryngium amethystinum L. – H
**Eryngium campestre* L. – H
**Eryngium creticum* Lam. in Lam. & al. – T, H
**Foeniculum vulgare* Mill. – H
Geocaryum capillifolium (Guss.) Coss. – G

Geocaryum pindicola (Hauskn.) Engstrand – G
Heracleum sphondylium L. subsp. *pyrenaicum* (Lam.) Bonnier & Layens – H
**Lagoecia cuminoides* L. – T
Laserpitium pseudomeum Orph., Heldr. & Sartori ex Boiss. – H, endemic
Laserpitium siler L. subsp. *garganicum* (Ten.) Arcang. – H
**Malabaila aurea* (Sm.) Boiss. – H
**Opopanax hispidus* (Friv.) Griseb. – H
**Orlaya daucooides* (L.) Greuter in Greuter & Rech. F. – T
**Pastinaca sativa* L. subsp. *urens* (Godr.) Čelak. – H
**Peucedanum longifolium* Waldst. & Kit. – H
**Physospermum cornubiense* (L.) DC. – H
Pimpinella tragiium Vill. subsp. *polyclada* (Boiss. & Heldr.) Tutin – C
Pimpinella tragiium Vill. subsp. *tragiium* – C
Sanicula europaea L. – H
**Scaligeria napiformis* (Spreng.) Grande – H
**Scandix australis* L. subsp. *grandiflora* (L.) Thell. – T
Scandix macrorhyncha C.A. Mey. – T
Selinum silaifolium (Jacq.) Beck. – H
Seseli peucedanoides (M. Bieb.) Koso-Pol. – H
**Smyrniium perfoliatum* L. subsp. *rotundifolium* (Mill.) Hartvig in Strid – H
**Tordylium apulum* L. – T
**Tordylium officinale* L. – T
**Torilis africana* Spreng. – T
**Torilis japonica* (Houtt.) DC. – T
**Torilis leptophylla* (L.) Rchb. f. – T
**Torilis nodosa* (L.) Gaertn. – T
Trinia frigida (Boiss. & Heldr.) Drude – H, endemic

APOCYNACEAE

Nerium oleander L. subsp. *oleander* – P
**Vinca major* L. subsp. *major* – C

AQUIFOLIACEAE

**Ilex aquifolium* L. – P

ARACEAE

**Arum italicum* Mill. subsp. *italicum* – G
**Arum maculatum* L. – G
**Dracunculus vulgaris* Schott. in Scott in Scott & Endl. – G

ARALIACEAE

**Hedera helix* L. subsp. *helix* – P

ARISTOLOCHIACEAE

**Aristolochia elongata* (Duch.) E. Nardi – G
**Aristolochia rotunda* L. subsp. *insularis* (Nardi & Arrigoni) Gamisans – G

ASCLEPIADACEAE

- **Cynanchum acutum* L. subsp. *acutum* – P
Vincetoxicum hirundinaria Medik. subsp. *nivale*
 (Boiss. & Heldr.) Markgr. – H

ASPARAGACEAE

- **Asparagus acutifolius* L. – C
 **Asparagus maritimus* (L.) Mill. – C

ASPHODELACEAE

- Asphodeline liburnica* (Scop.) Rchb. – G

ASTERACEAE

- **Achillea ageratifolia* (Sm.) Benth. & Hook. f. subsp.
ageratifolia – H
Achillea crithmifolia Waldst. & Kit. – H
Achillea fraasii Sch. Bip. – H
 **Achillea grandifolia* Friv. – H
 **Achillea holosericea* Sm. in Sibth. & Sm. – H
 **Achillea ligustica* All. – H
Achillea nobilis L. – H
 **Achillea pannonica* Scheele – H
Achillea setacea Waldst. & Kit. – H
Achillea umbellata Sm. in Sibth. & Sm. – C, endemic
 **Anthemis arvensis* L. subsp. *cyllenea* (Halácsy) R.
 Fern. – T
 **Anthemis chia* L. – T
Anthemis cretica L. subsp. *cretica* – H
Anthemis orientalis (L.) Degen – H
Anthemis tinctoria L. subsp. *parnassica* (Boiss. &
 Heldr.) Nyman – H
Anthemis pindicola Halácsy – H
 **Arctium lappa* L. – H
 **Bellis annua* L. – T
Bellis perennis L. – H
 **Carduus nutans* L. subsp. *leiophyllus* (Petrović)
 Stoj. & Stef. – H
 **Carduus nutans* L. subsp. *scabrisquamus* Arènes – H
Carduus tmoleus Boiss. subsp. *cronius* (Boiss. &
 Heldr.) Greuter – H
 **Carlina biebersteinii* Hornem. subsp. *brevibractea*-
ta (Andrae) K. Werner – H
 **Carlina corymbosa* L. subsp. *graeca* (Heldr. & Sar-
 tori) Nyman – H
Carlina frigida Boiss. & Heldr. in Boiss. – H
Centaurea affinis Friv. subsp. *affinis* – H
Centaurea affinis Friv. subsp. *pallidior* (Halácsy)
 Hayek – H
 **Centaurea alba* L. subsp. *deusta* (Ten.) Nyman – H
Centaurea nervosa Willd. subsp. *promota* E. Gamal-
 Eldin & Wagenitz in Strid & Tan – H, endemic
Centaurea pelia DC. – H, endemic
Centaurea salonitana Vis. – H
 **Centaurea solstitialis* L. subsp. *solstitialis* – H

- Centaurea triumfettii* (All.) Á. Löve & D. Löve
 subsp. *axillaris* (Čelak.) Štěpánek – H
Chondrilla juncea L. – H
 **Chondrilla ramosissima* Sm. in Sibth. & Sm. – H,
 endemic
 **Cichorium intybus* L. – H
Cirsium appendiculatum Griseb. – H
Cirsium candelabrum Griseb. – H
Cirsium mairei Halácsy – H, endemic
 **Cirsium vulgare* (Savi) Ten. – H
Crepis aurea (L.) Cass. subsp. *glabrescens* (Caruel)
 Arcang. – H
 **Crepis dioscoridis* L. – T
 **Crepis foetida* L. – H, T
Crepis fraasii Sch. Bip. subsp. *fraasii* – H
 **Crepis neglecta* L. subsp. *graeca* (Vierh.) Rech. f. –
 H, endemic
 **Crepis neglecta* L. subsp. *neglecta* – T
 **Crepis vesicaria* L. subsp. *vesicaria* – H
 **Crepis zacintha* (L.) Loisel. – T
 **Crupina vulgaris* Cass. – T
 **Dittrichia graveolens* (L.) Greuter – T
 **Dittrichia viscosa* (L.) Greuter subsp. *viscosa* – C, H
Doronicum columnae Ten.
 **Doronicum orientale* Hoffm. – H
 **Echinops ritro* L. – H
Erigeron alpinus L. – H
Filago arvensis L. – T
 **Filago eriocephala* Guss. – T
 **Filago germanica* (L.) Huds. – T
 **Geropogon hybridus* (L.) Sch. Bip. in Webb & Ber-
 thel. – T
 **Gnaphalium sylvaticum* L. – H
Gnaphalium uliginosum L. – T
 **Hedypnois rhagadioloides* (L.) F.W. Schmidt subsp.
rhagadioloides – T
Helichryssum stoechas (L.) Moench subsp. *barrelieri*
 (Ten.) Nyman – C
 **Hieracium bifidum* Kit. in Hornem. – H
Hieracium lazistanum Arv.-Touv. subsp. *leithneri*
 (Boiss.) Greuter in Greuter & Raab-Straube – H
Hieracium naegelianum Pančić – H
Hieracium pannosum Boiss. – H
Hieracium parnassi Fr. subsp. *parnassi* – H, endemic
Hieracium scapigerum Boiss., Orph. & Heldr. in
 Boiss. subsp. *scapigerum* – H
Hieracium schmidtii Tausch subsp. *vranjanum*
 (Zahn) Greuter in Greuter & Raab-Straube – H
 **Hypochaeris achyrophorus* L. – T
 **Hypochaeris cretensis* (L.) Bory & Chaub. in Bory – H
 **Hypochaeris glabra* L. – T
 **Inula britannica* L. – H
 **Inula candida* (L.) Cass. subsp. *limonella* (Heldr.)
 Rech. f. – H, endemic

- Inula oculus-christi* L. – H
Inula verbascifolia (Willd.) Hausskn. subsp. *parnasica* (Boiss. & Heldr.) Tutin – H, endemic
**Jacobaea erucifolia* (L.) G. Gaertn., B. Mey. & Scherb.
**Lactuca intricata* Boiss. – H
**Lactuca muralis* (L.) Gaertn. – H
**Lactuca tuberosa* Jacq. – H
**Lactuca viminea* (L.) J. Presl & C. Presl
Lapsana communis L. – H
Leontodon crispus Vill. – H
Leontodon hispidus L. subsp. *hispidus* – H
**Leontodon tuberosus* L. – H
**Onopordum illyricum* L. subsp. *cardunculus* (Boiss.) Arènes – H
**Pallenis spinosa* (L.) Cass. subsp. *spinosa* – H, T
**Petasites hybridus* (L.) G. Gaertn., B. Mey. & Scherb. – H
**Picnomon acarna* (L.) Cass. – T
**Picris pauciflora* Willd. – T
Pilosella bauhini (Schult.) Arv.-Touv. subsp. *magyarica* (Peter) S. Bräut. in Greuter & Raus
Pilosella cymosa (L.) F.W. Schultz & Sch. Bip. subsp. *heldreichiana* (Nägeli & Peter) Gottschl. in Greuter & Raus – H
Pilosella cymosa (L.) F.W. Schultz & Sch. Bip. subsp. *sabina* (Sebast.) H. P. Fuchs – H
Pilosella halacsyi (Halácsy) Soják – H
Pilosella leucopsilon (Arv.-Touv.) Gottschl. in Greuter & Raus subsp. *pilisquama* (Nägeli & Peter) Gottschl. in Greuter & Raus – H
**Pilosella piloselloides* (Vill.) Soják subsp. *piloselloides* – H
**Pilosella ziziana* (Tausch) F.W. Schultz & Sch. Bip. – H
**Podospermum canum* C.A. Mey. – H
**Podospermum laciniatum* (L.) DC. in Lam. & DC. – T
Podospermum roseum (Waldst. & Kit.) Gemeinholzer & Greuter subsp. *peristericum* (Formánek) Gemeinholzer & Greuter in Greuter & Raab-Straube – H
**Ptilostemon afer* (Jacq.) Greuter in Greuter & Rech. f. subsp. *afer* – H
**Rhagadiolus stellatus* (L.) Gaertn. – T
**Reichardia picroides* (L.) Roth. – H
**Scolymus hispanicus* L. subsp. *hispanicus* – H
**Scorzonera crocifolia* Sm. in Sibth. & Sm. – H, endemic
Scorzonera mollis M. Bieb. subsp. *mollis* – H
Scorzoneroideis cichoriacea (Ten.) Greuter in Greuter, Gutermann & Talavera – G
**Senecio macedonicus* Griseb. – H
Senecio ovatus (G. Gaertn., B. Mey. & Scherb.) Willd. – H
Senecio rupestris Waldst. & Kit. – H
Senecio thapsoides DC. subsp. *thapsoides* – H
Senecio viscosus L. – T
**Senecio vulgaris* L. – T
Solidago virgaurea L. – H
Sonchus oleraceus L. – T
**Staelhelina uniflosculosa* Sm. in Sibth. & Sm. – C
Taraxacum sect. *ruderalia* Kirschner Kirschner, H. Øllg. & Štěpánek – H
Taraxacum epirense Soest – H
Taraxacum gionense A.J. Richards in Strid & Tan – H, endemic
Taraxacum gracilens Dahlst. – H
Taraxacum pindicola (Bald.) Hand.-Mazz. – H
Taraxacum scaturiginosum G.E. Haglund – H
**Tragopogon dubius* Scop. – T
**Tragopogon longifolius* Heldr. & Sartori ex Boiss. – H, endemic
**Tragopogon porrifolius* subsp. *eriospermus* (Ten.) Greuter in Greuter & Raab-Straube – H, T
Tragopogon samaritani Heldr. & Sartori ex Boiss. – T
Tussilago farfara L. – G, H
**Tyrinnus leucographus* (L.) Cass. – T
**Urospermum picroides* (L.) F.W. Schmidt – T
**Xeranthemum cylindraceum* Sm. in Sibth. & Sm. – T
**Xeranthemum inapertum* (L.) Miller – T
- BETULACEAE
**Alnus glutinosa* (L.) Gaertner subsp. *glutinosa* – P
**Carpinus betulus* L. – P
**Carpinus orientalis* Mill. subsp. *orientalis* – P
Corylus avellana L. – P
**Corylus colurna* L. – P
Ostrya carpinifolia Scop. – P
- BORAGINACEAE
**Alkanna calliensis* Heldr. ex Boiss. – H, endemic
**Alkanna graeca* Boiss. & Spruner subsp. *graeca* – H, endemic
**Alkanna pindicola* Hausskn. – H
Anchusa azurea Mill. – H
**Anchusa officinalis* L. subsp. *officinalis* – H
Anchusa undulata L. subsp. *hybrida* (Ten.) Bég. – H
**Anchusella cretica* (Mill.) Bigazzi, Nardi & Selvi – T
Asperugo procumbens L. – T
**Borago officinalis* L. – T
Buglossoides incrassata (Guss.) I.M. Johnst. subsp. *incrassata* – T
**Buglossoides purpurocaerulea* (L.) I.M. Johnst. – T
**Cerintho minor* L. – T, H
**Cynoglossum columnae* Ten. – T
**Cynoglossum creticum* Mill. – H
**Cynoglossum officinale* L. – H
Cynoglottis barrelieri (All.) Vural & Kit Tan subsp. *serpentinicola* (Rech. f.) Vural & Kit Tan – H
**Echium italicum* L. – H
**Echium plantagineum* L. – T, H
**Heliotropium hirsutissimum* Grauer – T

Myosotis alpestris F.W. Schmidt subsp. *suaveolens* (Willd.) Strid in Strid & Tan – H
 **Myosotis congesta* Shuttlew. ex Albert & A. Reyn. – T
 **Myosotis incrassata* Guss. – T
Myosotis nemorosa Besser – H
 **Myosotis ramosissima* Rochel in Schult. subsp. *ramosissima* – T
Myosotis refracta Boiss. subsp. *refracta* – T
Myosotis stricta Roem. & Schult. – T
Myosotis sylvatica Hoffm. subsp. *cyanea* (Hayek) Vestergren – H, T
 **Neotostema apulum* (L.) I.M. Johnst. – T
 **Onosma erecta* Sm. in Sibth. & Sm. subsp. *erecta* – H, endemic
Onosma heterophylla Griseb. – H
 **Rindera graeca* (A. DC.) Boiss. & Heldr. in Boiss. – H, endemic
 **Symphytum bulbosum* K.F. Schimp. – G

BRASSICACEAE

Aethionema cordatum (Desf.) Boiss. – C
Aethionema saxatile (L.) R. Br. in W.T. Aiton subsp. *graecum* (Boiss. & Spruner) Hayek – C
Alyssum doerfleri Degen – H
Alyssum gustavssonii Hartvig in Strid – H, endemic
Alyssum minutum Schlecht. ex DC. – T
Alyssum montanum L. subsp. *montanum* – C
Alyssum montanum L. subsp. *repens* (Baumg.) Schmalh. – C
Alyssum murale Waldst. & Kit. – H
Alyssum pulvinare Velen. – H
 **Alyssum sibiricum* Willd. – H
 **Alyssum siculum* Jord. – T
Alyssum simplex Rudolphi – T
 **Alyssum strigosum* Banks & Sol. in Russell – T
 **Arabidopsis thaliana* (L.) Heynh. in Holl & Heynh. – T
Arabis alpina L. – H
Arabis auriculata Lam. – T
Arabis bryoides Boiss. – H
 **Arabis collina* Ten. – H
 **Arabis glabra* (L.) Bernh. – H
 **Arabis sagittata* (Bertol.) DC. in Lam. & DC. – H
Arabis sudetica Tausch – H
 **Arabis turrata* L. – H
 **Arabis verna* (L.) R. Br. in W.T. Aiton – T
Aubrieta deltoidea (L.) DC. – C
Aubrieta gracilis Spruner ex Boiss. – H
 **Aurinaria saxatilis* (L.) Desv. subsp. *orientalis* (Ard.) T.R. Dudley – H
Barbarea sicula C. Presl in J. Presl & C. Presli – H
Barbarea vulgaris R. Br. in W.T. Aiton subsp. *arcuata* (Opiz.) Hayek – H
 **Biscutella didyma* L. – T
 **Bunias erucago* L. – T

**Capsella bursa-pastoris* (L.) Medik. – T, H
Cardamine acris Griseb. subsp. *vardousiae* Perný & Marhold – H, endemic
Cardamine barbaraeoides Halácsy – H, endemic
 **Cardamine graeca* L. – T
 **Cardamine hirsuta* L. – T
 **Clypeola jonthlaspi* L. – T
Draba lacaitae Boiss. – H
Draba lasiocarpa Rochel – H
 **Draba muralis* L. – H
Draba verna L. – T
 **Erysimum asperulum* Boiss. & Heldr. in Boiss. – H, endemic
Erysimum cephalonicum Polatschek – H, endemic
Erysimum cuspidatum (M. Bieb.) DC. – H
 **Erysimum graecum* Boiss. & Heldr. in Boiss. – H, endemic
Erysimum microstylum Hausskn. – H
Erysimum parnassi (Boiss. & Heldr.) Hausskn. – H, endemic
 **Fibigia clypeata* (L.) Medik. – H
Hornungia petraea (L.) Rchb. – T
Iberis sempervirens L. – C
 **Isatis tinctoria* L. subsp. *tinctoria* – H
 **Lepidium campestre* (L.) R. Br. in W.T. Aiton – T
Lepidium hirtum (L.) Sm. subsp. *nebrodense* (Raf.) Thell. – H
 **Lunaria annua* L. subsp. *pachyrhiza* (Borbás) Maire & Petitm. – H
Malcolmia orsiniana (Ten.) Ten. subsp. *angulifolia* (Boiss. & Orph.) Stork – H
 **Microthlaspi perfoliatum* (L.) F.K. Mey. – T
Noccaea brevistyla (DC.) Steud. subsp. *pseudorivularis* (Bornm.) F.K. Mey. – H
Noccaea ochroleuca (Boiss. & Heldr.) F.K. Mey. – H
Phyllolepidium cyclocarpum (Boiss.) Cecchi subsp. *cyclocarpum* – C
 **Sisymbrium officinale* (L.) Scop. – T

CAESALPINIACEAE

**Cercis siliquastrum* L. – P

CAMPANULACEAE

Asyneuma limonifolium (L.) Janchen. subsp. *limonifolium* – H
 **Campanula glomerata* L. subsp. *glomerata* – H
 **Campanula rupestris* Sm. in Sibth. & Sm. – H, endemic
Campanula spatulata Sm. in Sibth. & Sm. subsp. *spatulata* – G
Campanula spatulata Sm. in Sibth. & Sm. subsp. *spruneriana* (Hampe) Hayek – G
 **Campanula trachelium* L. subsp. *athoa* (Boiss. & Heldr.) Hayek – H

Campanula tymphaea Hausskn. – H
Campanula versicolor Andrews – H
Edraianthus graminifolius (L.) A. DC. in D.C. subsp. *graminifolius* – C
Halacsyella parnassica (Boiss. & Spruner) Janch. – H, endemic
 **Legousia falcata* (Ten.) Fritsch ex Janch. – T

CAPRIFOLIACEAE

**Lonicera etrusca* Santi – P
 **Lonicera implexa* Aiton – P
 **Lonicera nummulariifolia* Jaub. & Spach subsp. *nummulariifolia* – P
 **Sambucus ebulus* L. – G, H
Sambucus nigra L. – P

CARYOPHYLLACEAE

**Arenaria leptoclados* (Rchb.) Guss. – T
Arenaria serpyllifolia L. – T
Cerastium banaticum (Rochel) Steud. subsp. *speciosum* (Boiss.) Jalas – H
 **Cerastium brachypetalum* Pers. subsp. *roeseri* (Boiss. & Heldr.) Nyman – T
Cerastium candidissimum Correns – H, endemic
 **Cerastium decalvans* Schlosser & Vuk. – H
 **Cerastium glomeratum* Thuill. – T
Cerastium holosteoides Fr. subsp. *vulgare* (Fr.) Butler – T
 **Cerastium ramosissimum* Boiss. – T
Corrigiola littoralis L. – T
Dianthus biflorus Sm. in Sibth. & Sm. – H, endemic
 **Dianthus cruentus* Griseb. – H
Dianthus gracilis Sm. in Sibth. & Sm. subsp. *gracilis* – H
Dianthus haematocalyx (Boiss. & Heldr.) in Boiss. subsp. *ventricosus* Maire & Petitm. – H, endemic
Dianthus integer Vis. subsp. *minutiflorus* (Halácsy) Bornm. ex strid – H
 **Dianthus pinifolius* Sm. in Sibth. & Sm. subsp. *lilacinus* (Boiss. & Heldr.) Wettst. – H
Dianthus stenopetalus Griseb. – H, C
Dianthus tymphresteus (Boiss. & Spruner) Boiss. – H, endemic
Dianthus viscidus Bory & Chaub. – H
 **Drypis spinosa* L. subsp. *spinosa* – H
 **Herniaria hirsuta* L. – T, H
 **Herniaria incana* Lam. – T
Herniaria parnassica Heldr. & Sart. ex Boiss. subsp. *parnassica* – C
 **Lychnis coronaria* (L.) Desr. – H
Minuartia attica (Boiss. & Spruner) Vierh. subsp. *attica* – H, C
Minuartia confusa (Boiss.) Maire & Petitm. – H, endemic

Minuartia eurytanica (Boiss. & Heldr.) Hand.-Mazz. – H, endemic
 **Minuartia globulosa* (Labill.) Schinz & Thell. – T
 **Minuartia hybrida* (Vill.) Schischk. in Kom. – T
Minuartia recurva (All.) Schinz & Thell. subsp. *condensata* (C. Presl) Greuter & Burdet in Greuter & Raus – H, C
Minuartia stellata (E.D. Clarke) Maire & Petitm. – C
 **Moenchia graeca* Boiss. & Heldr. in Boiss – T
Paronychia albanica Chaudhri subsp. *graeca* Chaudhri – H, endemic
Paronychia polygonifolia (Vill.) DC. in Lam & DC. – H
 **Petrorhagia cretica* (L.) P.W. Ball & Heywood – T
Petrorhagia fasciculata (Margot & Reut.) P.W. Ball & Heywood – H, endemic
Petrorhagia illyrica (L.) P.W. Ball & Heywood subsp. *illyrica* – H
Petrorhagia phthiotica (Boiss. & Heldr.) P.W. Ball & Heywood – H, endemic
Petrorhagia prolifera (L.) P.W. Ball & Heywood – H
 **Sagina procumbens* L. – H
Sagina subulata (Swartz) C. Presl – H
 **Saponaria bellidifolia* Sm. – H
 **Scleranthus annuus* L. – T
Scleranthus perennis L. subsp. *marginatus* (Guss.) Nyman – H
 **Silene auriculata* Sm. in Sibth. & Sm. – H, endemic
Silene bupleuroides L. subsp. *staticifolia* (Sm.) Chowdhuri – H
Silene caesia Sm. in Sibth. & Sm. – H
 **Silene fabarioides* Hausskn. – H
 **Silene gigantea* L. subsp. *hellenica* Greuter – H, endemic
 **Silene graeca* Boiss. & Spruner in Boiss. – T
Silene italica (L.) Pers. subsp. *italica* – H
Silene multicaulis Guss. subsp. *multicaulis* – H
Silene paradoxa L. – H
Silene parnassica Boiss. & Spruner in Boiss. subsp. *parnassica* – H
Silene radicata Boiss. & Heldr. in Boiss. – H
Silene roemeri Friv. subsp. *macrocarpa* (Vandas) Greuter – H
 **Silene viridiflora* L. – H
Silene vulgaris (Moench) Garcke subsp. *megalosperma* (Heldr.) Hayek – H
Silene vulgaris (Moench) Garcke subsp. *prostrata* (Gaudin) Schinz & Thell. – H
Spergularia rubra (L.) J. Presl & C. Presl – T, C
Stellaria media (L.) Vill. – T, H
 **Viscaria atropurpurea* Griseb. – H

CELASTRACEAE

Euonymus europaeus L. – P
Euonymus latifolius Mill. – P

CHENOPODIACEAE

- Blitum bonus-henricus* (L.) Rchb. – H
 **Chenopodium vulvaria* L. – T

CISTACEAE

- **Cistus creticus* L. subsp. *creticus* – C
Fumana arabica (L.) Spach – C
 **Fumana thymifolia* (L.) Webb – C
Helianthemum nummularium (L.) Mill. subsp. *nummularium* – C
 **Helianthemum salicifolium* (L.) Mill. – T

COLCHICACEAE

- Colchicum graecum* K.M. Perss. – G, endemic
 **Colchicum parnassicum* Sartori, Orph. & Heldr. ex Boiss. – G, endemic

CONVOLVULACEAE

- **Calystegia sepium* (L.) R. Br. subsp. *sepium* – H
 **Calystegia silvatica* (Kit.) Griseb. – H
 **Convolvulus arvensis* L. – H, G
 **Convolvulus cantabrica* L. – C
 **Convolvulus elegantissimus* Mill. – H
 **Convolvulus oleifolius* Desr. in Lam. – C
Cuscuta epithymum (L.) L. subsp. *kotschyi* (Des Moul.) Arcang. – T

CORNACEAE

- Cornus mas* L. – P

CRASSULACEAE

- Phedimus stellatus* (L.) Raf. – T
 **Sedum acre* L. – H, C
 **Sedum album* L. – C
Sedum amplexicaule DC. subsp. *tenuifolium* (Sm.) Greuter in Greuter & Raus – C, H
 **Sedum cepaea* L. – T
Sedum dasyphyllum L. – H
Sedum hispanicum L. – H, C
Sedum laconicum Boiss. & Heldr. in Boiss. subsp. *laconicum* – H, endemic
Sedum magellense Ten. subsp. *olympicum* (Boiss.) Greuter & Burdet in Greuter & Raus – C
Sedum ochroleucum Chaix in Vill. – H
 **Sedum rubens* L. – T
Sedum urvillei DC. – H
Sempervivum marmoreum Griseb. subsp. *marmoreum* – C
 **Umbilicus luteus* (Hudson) Webb & Berthelot – G
 **Umbilicus rupestris* (Salisb.) Dandy – G

CUCURBITACEAE

- **Ecballium elaterium* (L.) A. Rich. in Bory – G

CYPERACEAE

- Blysmus compressus* (L.) Link – G
Carex caryophyllea Latourr. – H
Carex distans L. – H
 **Carex divisa* Huds – G
 **Carex elata* All. – H
Carex flacca Schreb. subsp. *serrulata* (Spreng.) Greuter in Greuter & Rech. f. – G
 **Carex humilis* Leyss. – H
Carex liparocarpos Gaudin – G
Carex leporina L. – H
Carex otrubae Podp. – H
Carex pallescens L. – H
Carex paniculata L. – H
 **Carex pendula* Huds. – H
Carex remota L. – H
Eleocharis palustris (L.) Roem. & Schult. – G
Scirpoides holoschoenus (L.) Soják – G

DIOSCOREACEAE

- **Dioscorea communis* (L.) Caddick & Wilkin – H

DIPSACACEAE

- **Cephalaria flava* (Sibth. & Sm.) Szabó subsp. *setulifera* (Boiss. & Heldr.) Kokkini in Strid & Tan – H, endemic
 **Cephalaria transsylvanica* (L.) Roem. & Schult. – T
 **Knautia integrifolia* (L.) Bertol. subsp. *integrifolia* – T
Knautia magnifica Boiss. & Orph. in Orph. – H
 **Lomelosia argentea* (L.) Greuter & Burdet in Greuter & Raus – H
 **Lomelosia brachiata* (Sm.) Greuter & Burdet in Greuter & Raus – T
 **Lomelosia crenata* (Cirillo) Greuter & Burdet in Greuter & Raus subsp. *crenata* – C
Ptercephalus perennis Coult. subsp. *perennis* – C, endemic
 **Scabiosa atropurpurea* L. – H
Scabiosa ochroleuca L. – H
Scabiosa taygetea Boiss. & Heldr. in Boiss. subsp. *taygetea* – H
Scabiosa tenuis Spruner ex Boiss. – T

EBENACEAE

- Diospyros lotus* L. – P

ERICACEAE

- **Arbutus andrachne* L. – P
 **Arbutus unedo* L. – P

EUPHORBIACEAE

- **Euphorbia amygdaloides* L. subsp. *heldreichii*

(Boiss.) Aldén in Strid – C, H
 **Euphorbia chamaesyce* L. – T
 **Euphorbia characias* L. – H
 **Euphorbia deflexa* Sm. in Sibth. & Sm. – H, endemic
 **Euphorbia glabriflora* Vis. – C
 **Euphorbia helioscopia* L. – T
Euphorbia herniariifolia Willd. – H
 **Euphorbia hirsuta* L. – H
 **Euphorbia myrsinites* L. subsp. *myrsinites* – H, C
Euphorbia seguieriana Neck. subsp. *niciciana* (Bordás ex Novák) Rech. f. – H

FABACEAE

**Anthyllis hermanniae* L. subsp. *hermanniae* – C
Anthyllis vulneraria L. subsp. *bulgarica* (Sagorski) Cullen – H
Anthyllis vulneraria L. subsp. *pulchella* (Vis.) Bornm. – H
Astragalus angustifolius Lam. subsp. *erinaceus* (C. Presl) Brullo, Giusso & Musarella – C, endemic
Astragalus depressus L. subsp. *depressus* – H
 **Astragalus glycyphyllos* L. subsp. *glycyphylloides* (DC.) Maire & Petitm. – H
Astragalus glycyphyllos L. subsp. *glycyphyllos* – H
 **Astragalus hamosus* L. – T
Astragalus lacteus Heldr. & Sartori ex Boiss. – C
Astragalus mayeri Micevski – C
 **Astragalus monspessulanus* L. subsp. *monspessulanus* – H
Astragalus rumelicus Bunge – C
Astragalus sempervirens Lam. subsp. *cephalonicus* (C. Presl) Asch. & Graebn. – C, endemic
Astragalus thracicus Griseb. subsp. *parnassi* (Boiss.) Strid – C
 **Bituminaria bituminosa* (L.) C.H. Stirt. – H
Chamaecytisus hirsutus (L.) Link subsp. *hirsutus* – C
 **Colutea arborescens* L. subsp. *arborescens* – P
 **Coronilla scorpioides* (L.) W.D.J. Koch – T
Dorycnium herbaceum Vill. – H
 **Dorycnium hirsutum* (L.) Ser. in DC. – H, C
Genista millii Heldr. ex Boiss. – C, endemic
Hippocrepis comosa L. – H
Hippocrepis emerus (L.) Lassen subsp. *emeroides* (Boiss. & Spruner) Greuter & Burdet ex Lassen
 **Hymenocarpos circinnatus* (L.) Savi – T
 **Lathyrus aphaca* L. – T
 **Lathyrus cicera* L. – T
Lathyrus digitatus (M. Bieb.) Fiori in Fiori & Paol. – H
 **Lathyrus grandiflorus* Sm. in Sibth. & Sm. – H
 **Lathyrus latifolius* L. subsp. *heterophyllus* (L.) Asmussen – H
Lathyrus laxiflorus (Desf.) Kuntze – H
 **Lathyrus niger* (L.) Bernh. – H

Lathyrus pratensis L. – H
 **Lathyrus saxatilis* (Vent.) Vis. – T
 **Lathyrus setifolius* L. – T
 **Lens nigricans* (M. Bieb.) Godr. – T
 **Lotus angustissimus* L. – T
 **Lotus conimbricensis* Brot. – T
Lotus corniculatus L. – H
 **Lotus preslii* Ten. – H
 **Lotus tenuis* Willd. – H
 **Medicago arabica* (L.) Huds. – T
 **Medicago disciformis* D.C. – T
Medicago lupulina L. – T
 **Medicago minima* (L.) Bartal. – C
 **Medicago orbicularis* (L.) Bartal. – T
Medicago sativa L. subsp. *falcata* (L.) Arcang. – H
 **Onobrychis alba* (Waldst. & Kit.) Desv. subsp. *pentelica* (Hausskn.) Nyman – H
 **Onobrychis ebenoides* Boiss. & Spruner in Boiss – H, endemic
 **Teline monspessulana* (L.) K. Koch – P
 **Trifolium pallidum* Waldst. & Kit. – T
 **Trifolium pannonicum* Jacq. – G
Trifolium parnassi Boiss. & Spruner in Boiss – C, endemic
Trifolium physodes M. Bieb. – H
Trifolium pignanii Fauché & Chaub. in Bory – G
 **Trifolium pratense* L. – H
 **Trifolium purpureum* Loisel. – T
Trifolium repens L. – H
 **Trifolium scabrum* L. – T
 **Trifolium stellatum* L. – T
 **Trifolium suffocatum* L. – T
 **Trifolium trichopterum* Pančić – T
 **Trigonella corniculata* (L.) L. subsp. *balansae* (Boiss. & Reut.) Lassen in Greuter & Raus – T
 **Vicia angustifolia* L. – T
 **Vicia bithynica* (L.) L. – T
Vicia cretica Boiss. & Heldr. in Boiss. – T
 **Vicia hirsuta* (L.) Gray – T
Vicia laeta Ces. in Friedr. – T
Vicia lathyroides L. – T
 **Vicia serratifolia* Jacq. – T
 **Vicia tenuifolia* Roth – H
 **Vicia villosa* Roth subsp. *eriocarpa* (Hausskn.) P.W. Ball – T
 **Vicia villosa* Roth subsp. *microphylla* (d'Urv.) P.W. Ball – T
 **Vicia villosa* Roth subsp. *varia* (Host) Corb. – T

FAGACEAE

**Castanea sativa* Mill. – P
Quercus coccifera L. – P
 **Quercus frainetto* Ten. – P
 **Quercus ilex* L. – P

- **Quercus petraea* (Mattuschka) Liebl. subsp. *polycarpa* (Schur) Soó – P
 **Quercus pubescens* Willd. – P
 **Quercus robur* L. subsp. *pedunculiflora* (K. Koch) Menitsky – P

FUMARIACEAE

- Corydalis blanda* Scott subsp. *parnassica* (Orph. & Heldr.) Lidén – G, endemic
Corydalis solida (L.) Clairv. subsp. *incisa* Lidén – G

GENTIANACEAE

- **Blackstonia perfoliata* (L.) Huds. subsp. *perfoliata* – T
 **Centaurium erythraea* Rafn. subsp. *erythraea* – T, H
Gentiana asclepiadea L. – H
Gentiana lutea L. – H
Gentianopsis ciliata (L.) G. Mans. – H

GERANIACEAE

- Erodium cicutarium* (L.) L'Hér. in Aiton – T, H
 **Geranium aristatum* Freyn & Sint. – G
Geranium asphodeloides Burm. f. subsp. *asphodeloides* – H
 **Geranium columbinum* L. – T
 **Geranium lanuginosum* Lam. – T, H
 **Geranium lucidum* L. – T
 **Geranium macrorrhizum* L. – G
Geranium macrostylum Boiss. – H
 **Geranium molle* L. – T
Geranium purpureum Vill. – T
Geranium pusillum Burm. f. – T
 **Geranium pyrenaicum* Burm. f. – H
Geranium robertianum L. – T
Geranium rotundifolium L. – T
Geranium subcaulescens L'Hér. ex DC. – G
 **Geranium sylvaticum* L. – G
 **Geranium tuberosum* L. – G

HIPPOCASTANACEAE

- **Aesculus hippocastanum* L. – P

HYACINTHACEAE

- **Muscari botryoides* (L.) Mill. – G
 **Muscari comosum* (L.) Mill. – G
Muscari neglectum Guss. ex Ten. – G
 **Ornithogalum brevistylum* Wolfner – G
 **Ornithogalum montanum* Ten. – G
 **Ornithogalum nutans* L. – G
Ornithogalum oligophyllum E.D. Clarke – G
 **Ornithogalum sibthorpii* Greuter in Greuter & Rech. f. *Scilla subnivalis* (Halácsy) Speta – G, endemic

HYPERICACEAE

- Hypericum barbatum* Jacq. – H

- **Hypericum empetrifolium* Willd. – C
 **Hypericum perfoliatum* L. – H
 **Hypericum perforatum* L. – H
Hypericum rumeliacum Boiss. subsp. *apollinis* (Boiss. & Heldr.) N. Robson. & Strid in Strid – H
 **Hypericum spruneri* Boiss. – H
 **Hypericum triquetrifolium* Turra – G

IRIDACEAE

- Crocus nivalis* Bory & Chaub. – G, endemic
 **Crocus olivieri* J. Gay subsp. *olivieri* – G
Crocus veluchensis Herb. – G
Iris attica Boiss. & Heldr. in Boiss. – G

JUGLANDACEAE

- Juglans regia* L. – P

JUNCACEAE

- Juncus alpinoarticulatus* Chaix subsp. *alpinoarticulatus* – G
Juncus articulatus L. – G
Juncus effusus L. – H, G
Juncus inflexus L. – H, G
Juncus minutulus V. Krecz. & Gontsch. – G
Juncus thomasi Ten. – G
 **Luzula forsteri* (Sm.) DC. in Lam. & DC. – H
Luzula multiflora (Ehrh.) Lej. – H
Luzula spicata (L.) DC. in Lam. & DC. subsp. *pin-dica* (Hausskn.) Gamisans – H
Luzula sudetica (Willd.) DC. in Lam. & DC. – H
Luzula sylvatica (Huds.) Gaudin subsp. *sylvatica* – H

LAMIACEAE

- Acinos alpinus* (L.) Moench subsp. *meridionalis* (Nyman) P.W. Ball – H
Acinos graveolens (M. Bieb.) Link – T, H
 **Ajuga chamaepitys* (L.) Schreb. subsp. *chia* (Schreb.) Arcang. – H
 **Ajuga orientalis* L. subsp. *orientalis* – H
Ballota acetabulosa (L.) Benth. – C
Betonica alopecuroides L. – H
 **Calamintha grandiflora* (L.) Moench – H
 **Calamintha incana* (Sm.) Boiss. in Heldr. – C
 **Calamintha nepeta* (L.) Savi subsp. *glandulosa* (Req.) P.W. Ball – H
 **Clinopodium vulgare* L. subsp. *orientale* Bothmer – H
 **Lamium amplexicaule* L. – T
 **Lamium garganicum* L. subsp. *garganicum* – H
Lamium garganicum L. subsp. *striatum* (Sm.) Hayek – H
 **Marrubium peregrinum* L. – H
Marrubium velutinum Sm. in Sibth. & Sm. subsp. *velutinum* – H, endemic
 **Marrubium vulgare* L. – H

**Melissa officinalis* L. subsp. *altissima* (Sm.) Ar-
cang. – H
 **Melittis melissophyllum* L. subsp. *albida* (Guss.)
P.W. Ball – H
 **Mentha longifolia* (L.) Huds. subsp. *longifolia* – H
 **Mentha spicata* L. subsp. *condensata* (Briq.) Greuter
& Burdet in Greuter & Raus – H
Micromeria cremnophila Boiss. & Heldr. subsp.
cremnophila – C
 **Micromeria graeca* (L.) Rchb. subsp. *graeca* – C
Micromeria juliana (L.) Rchb. – C
 **Micromeria nervosa* (Desf.) Benth. – C
Nepeta nuda L. subsp. *nuda* – H
Nepeta spruneri Boiss. – H
 **Origanum vulgare* L. subsp. *hirtum* (Link) A. Ter-
racc. – H, G
Origanum vulgare L. subsp. *vulgare* – H, G
Phlomis fruticosa L. – P
Prunella laciniata (L.) L. – H
Prunella vulgaris L. – H
Salvia argentea L. – H
 **Salvia fruticosa* Mill. – P
Salvia ringens Sm. in Sibth. & Sm. – H
Salvia sclarea L. – H
 **Salvia verbenaca* L. – H
 **Satureja thymbra* L. – C
 **Scutellaria columnae* All. subsp. *columnae* – H
 **Scutellaria rupestris* Boiss. & Heldr. in Boiss. subsp.
adenotricha (Boiss. & Heldr.) Greuter & Burdet in
Greuter & Raus
 **Sideritis curvidens* Stapf – T
 **Sideritis montana* L. subsp. *remota* (d'Urv.) P.W.
Ball – T
 **Sideritis purpurea* Talbot ex Benth. – T
Sideritis raeseri Boiss. & Heldr. in Boiss. subsp.
raeseri – H
Stachys germanica L. subsp. *germanica* – H
Stachys germanica L. subsp. *heldreichii* (Boiss.)
Hayek – H
Stachys germanica L. subsp. *penicillata* (Boiss.)
Nyman – H
Stachys tymphaea Hausskn. – H
Teucrium capitatum L. subsp. *capitatum* – C
Teucrium chamaedrys L. subsp. *chamaedrys* – C
 **Teucrium divaricatum* Heldr. subsp. *divaricatum* – C
 **Teucrium divaricatum* Heldr. subsp. *graecum*
(Čelak.) Bornm. – C
 **Teucrium flavum* L. subsp. *hellenicum* Rech. f. – C,
endemic
 **Teucrium flavum* L. subsp. *gymnocalyx* Rech. f. –
H, endemic
Teucrium montanum L. subsp. *montanum* – C
 **Thymbra capitata* (L.) Cav. – C
 **Thymbra spicata* L. – C

Thymus hartvigii R. Morales subsp. *hartvigii* – C,
endemic
Thymus leucotrichus Halácsy subsp. *leucotrichus* – C
Thymus longicaulis C. Presl subsp. *chaubardii*
(Rchb. f.) Jalas – C
 **Thymus longicaulis* C. Presl subsp. *longicaulis* – C
 **Thymus parnassicus* Halácsy – C
Thymus teucrioides Boiss. & Spruner in Boiss.
subsp. *teucrioides* – C

LAURACEAE

Laurus nobilis L. – P

LILIACEAE

Fritillaria graeca Boiss. & Spruner in Boiss. – G
Fritillaria mutabilis Kamari in Strid & Tan – G,
endemic
Fritillaria thessala (Boiss.) Kamari in Strid & Tan
subsp. *thessala* – G, endemic
Gagea amblyopetala Boiss. & Heldr. in Boiss. – G
Gagea fragifera Vill. ex Ehr. Bayer & G. López – G
 **Gagea graeca* (L.) Irmisch – G
Gagea villosa (M. Bieb.) Sweet – G
Lilium chalcedonicum L. – G
 **Lilium martagon* L. – G
 **Tulipa australis* Link – G

LINACEAE

**Linum bienne* Mill. – T, H
Linum catharticum L. – T, H
Linum elegans Spruner ex Boiss. – C
Linum punctatum C. Presl in J. Presl & C. Presl
subsp. *pyncnophyllum* (Boiss. & Heldr.) Gustavs-
son – H
 **Linum strictum* L. subsp. *spicatum* (Pers.) Ny-
man – T
 **Linum tenuifolium* L. – H

LORANTHACEAE

**Loranthus europaeus* Jacq. – P

LYTHRACEAE

Lythrum portula (L.) D.A. Webb – T
 **Lythrum salicaria* L. – H
Lythrum thymifolia L. – T

MALVACEAE

**Alcea biennis* Winterl – H
 **Malva moschata* L. – H
Malva neglecta Wallr. – T
 **Malva sylvestris* L. – T, H

MORINACEAE

Morina persica L. – H

MYRTACEAE

**Myrtus communis* L. subsp. *communis* – P

OLEACEAE

Fraxinus excelsior L. – P

**Fraxinus ornus* L. – P

**Olea europaea* L. subsp. *europaea* – P

Phillyrea latifolia L.

ONAGRACEAE

Epilobium angustifolium L. – H

Epilobium dodonaei Vill. – H

Epilobium gemmascens C.A. Mey. – H

Epilobium hirsutum L. – H

Epilobium lanceolatum Sebast. & Mauri – H

Epilobium montanum L. – H

Epilobium parviflorum Schreb. – H

ORCHIDACEAE

Anacamptis boryi (Rchb. f.) R.M. Bateman, Pridgeon & M.W. Chase – G, endemic

Anacamptis laxiflora (Lam.) R.M. Bateman, Pridgeon & M.W. Chase subsp. *laxiflora* – G

Anacamptis morio (L.) R.M. Bateman, Pridgeon & M.W. Chase subsp. *caucasica* (K. Koch) H. Kretzschmar, Eccarius & H. Dietr. – G

Anacamptis pyramidalis (L.) Rich. – G

Cephalanthera damasonium (Mill.) Druce – G

Cephalanthera longifolia (L.) Fritsch – G

Cephalanthera rubra (L.) Rich. – G

Dactylorhiza baumanniana J. Hölz. & Künkele subsp. *baumanniana* – G

Dactylorhiza cordigera (Fr.) Soó subsp. *pindica* (B. Willing & E. Willing) H. Baumann & R. Lorenz – G

Dactylorhiza iberica (Willd.) Soó – G

Dactylorhiza romana (Sebast.) Soó – G

Dactylorhiza saccifera (Brongn.) Soó – G

Dactylorhiza sambucina (L.) Soó – G

Epipactis atrorubens (Hoffm.) Besser – G

Epipactis greuteri H. Baumann & Künkele – G

Epipactis helleborine (L.) Crantz subsp. *helleborine*

Epipactis microphylla (Ehrh.) Sw. – G

Epipactis palustris (L.) Crantz – G

Epipactis persica (Soó) Hausskn. ex Nannf. – G

Epipactis subclausa Robatsch – G

Gymnadenia conopsea (L.) R. Br. in W.T. Aiton – G

Gymnadenia rhellicani (Teppner & E. Klein) Teppner & E. Klein – G

Himantoglossum jankae Somlyay, Kreutz & Óvári

Limodorum abortivum (L.) Sw. – G

Neotinea lactea (Poir.) R.M. Bateman, Pridgeon & M.W. Chase – G

Neotinea maculata (Desf.) Stearn – G

Neotinea tridentata (Scop.) R.M. Bateman, Prid-

geon & M.W. Chase – G

Neottia nidus-avis (L.) Rich. – G

Neottia ovata (L.) Bluff & Fingerh. – G

**Ophrys helenae* Renz – G

Ophrys lutea Cav. subsp. *galilaea* (H. Fleischm. & Bornm.) Soó – G

**Ophrys lutea* Cav. subsp. *lutea* – G

Ophrys reinholdii H. Fleischm. subsp. *reinholdii* – G
Ophrys scolopax Cav. subsp. *cornuta* (Steven) E.G. Camus – G

Ophrys speculum Link subsp. *speculum* – G

Ophrys sphegodes Mill. subsp. *epirotica* (Renz) Gözl & H.R. Reinhard – G

Ophrys sphegodes Mill. subsp. *mammosa* (Desf.) Soó ex E. Nelson – G

Ophrys sphegodes Mill. subsp. *sphgodes* – G

Ophrys sphegodes Mill. subsp. *spruneri* (Nyman) E. Nelson – G

Orchis anthropophora (L.) All. – G

**Orchis italica* Poir. In Lam. & al. – G

Orchis mascula (L.) L. subsp. *mascula* – G

Orchis pallens L. – G

Orchis provincialis Balb. ex Lam. & DC. – G

Orchis purpurea Huds. – G

Orchis quadripunctata Cirillo ex Ten. – G

Orchis simia Lam. – G

Orchis spitzelii Saut. ex W.D.J. Koch subsp. *spitzelii* – G

Platanthera chlorantha (Custer) Rchb. in Mössler subsp. *chlorantha* – G

Serapias bergonii E.G. Camus – G

Serapias vomeracea (Burm. f.) Briq. – G

Spiranthes spiralis (L.) Chevall. – G

OROBANCHACEAE

**Bellardia latifolia* (L.) Cuatrec. subsp. *latifolia* – T

**Bellardia trixago* (L.) All. – T

**Bellardia viscosa* (L.) Fisch. & C.A. Mey. – T

Euphrasia liburnica Wettst. – T

Euphrasia minima DC. in Lam & DC. – T

Euphrasia pectinata Ten. – T

Euphrasia salisburgensis Hoppe – T

**Odontites linkii* Heldr. & Sartori ex Boiss. – G, endemic

**Rhinanthus pubescens* (Sternec) Soó – T, endemic

Pedicularis graeca Bunge – H

Rhynchocorys elephas (L.) Griseb. subsp. *elephas* – H

PAEONIACEAE

Paeonia mascula (L.) Mill. – G

PAPAVERACEAE

**Papaver rhoeas* L. – T

PARNASSIACEAE

Parnassia palustris L. – H

PLANTANGINACEAE

Plantago argentea Chaix – H

**Plantago bellardii* All. – T

Plantago holosteum Scop. – H

**Plantago lagopus* L. – T

Plantago lanceolata L. – H

**Plantago major* L. – H

PLATANACEAE

Platanus orientalis L. – P

PLUMBAGINACEAE

Acantholimon graecum F.K. Mey. – C

Armeria canescens (Host) Boiss. in A. DC. – H

**Plumbago europaea* L.

POACEAE

**Achnatherum bromoides* (L.) P. Beauv. – H

Achnatherum calamagrostis (L.) P. Beauv. subsp. *calamagrostis* – H

**Aegilops biuncialis* Vis. subsp. *biuncialis* – T

**Aegilops neglecta* Bertol. subsp. *neglecta* – T

**Aegilops triuncialis* L. subsp. *triuncialis* – T

Agrostis gigantea Roth subsp. *gigantea* – G

Agrostis stolonifera L. subsp. *stolonifera* – H

**Aira elegantissima* Schur – T

Alopecurus gerardii Vill. subsp. *gerardii* – G

Anthoxanthum odoratum L. – H

Arrhenatherum elatius (L.) J. Presl & C. Presl – H

**Arundo donax* L. – G, P

**Avena barbata* Link in Scrad. subsp. *barbata* – T

**Avena fatua* L. – T

**Avena sterilis* L. – T

Avenula pubescens (Huds.) Dumort. subsp. *pubescens* – H

Bellardiochloa variegata (Lam.) Kerguelen – H

**Brachypodium distachyon* (L.) P. Beauv. – T

**Brachypodium pinnatum* (L.) P. Beauv. – H

**Brachypodium retusum* (Pers.) P. Beauv. – H, G

**Brachypodium rupestre* (Host) Roem. & Schult. subsp. *rupestre* – H

Brachypodium sylvaticum (Huds.) P. Beauv. subsp. *sylvaticum* – H

**Briza humilis* M. Bieb. – T

**Briza maxima* L. – T

**Briza media* L. subsp. *elatior* (Sm.) Rochlena – H

**Bromus benekenii* (Lange) Trimen – H

Bromus cappadocicus Boiss. & Balansa subsp. *lacomonicus* (Hausskn.) P.M. Sm. – H

**Bromus commutatus* Schrad. subsp. *neglectus* (Parl.) P.M. Sm. – T

**Bromus fasciculatus* C. Presl – T

Bromus hordeaceus L. subsp. *mediterraneus* (H. Scholz & F.M. Vázquez) H. Scholz – T

**Bromus intermedius* Guss. subsp. *intermedius* – T

**Bromus japonicus* Thunb. – T

Bromus lanceolatus Roth – T

**Bromus madritensis* L. subsp. *hausknechtii* (Boiss.) H. Scholz – T

**Bromus ramosus* Huds. – H

Bromus riparius Rehmman – H

**Bromus scoparius* L. – T

Bromus squarrosus L. subsp. *squarrosus* – T

**Bromus sterilis* L. – T

**Bromus tectorum* L. – T

Calamagrostis varia (Shrad.) Host subsp. *varia* – H

**Catopodium rigidum* (L.) C.E. Hubb. in Dony – T

**Chrysopogon gryllus* (L.) Trin. – H

**Cynodon dactylon* (L.) Pers. – G

Cynosurus cristatus L. – H

Cynosurus echinatus L. – T

**Cynosurus effusus* Link in Schrad. – T

**Dactylis glomerata* L. subsp. *hispanica* (Roth.) Nyman – H

**Dasypyrum villosum* (L.) P. Candargy – T

Deschampsia cespitosa (L.) P. Beauv. subsp. *cespitosa* – H

Festuca alfrediana Foggi & Signorini – H

Festuca jeanpertii (St.-Yves) Markgr. in Hayek subsp. *jeanpertii* – H, endemic

Festuca polita (Halácsy) Tzvelev subsp. *polita* – H

Festuca rubra L. subsp. *junkea* (Hack.) Soó – H

Festuca valesiaca Gaudin subsp. *valesiaca* – H

**Gastridium ventricosum* (Gouan) Schinz & Thellung

Glyceria fluitans (L.) R. Br. – T

Helictochloa aetolica (Rech. f.) Romero Zarco – H

Helictochloa compressa (Heuff.) Romero Zarco – H

**Helictotrichon convolutum* (C. Presl.) Henrard – H

Holcus lanatus L. subsp. *lanatus* – H

**Hordelymus europaeus* (L.) Harz. – H

**Hordeum bulbosum* L. – H

**Hordeum murinum* L. – T

Koeleria lobata (M. Bieb.) Roem. & Schult. – H

**Lolium multiflorum* Lam. – T, H

**Lolium perenne* L. – H

**Lolium rigidum* Gaudin subsp. *rigidum* – T

Melica ciliata L. – H

**Melica uniflora* Retz. – G

**Milium vernale* M. Bieb. – T

Nardus stricta L. – H

Phleum alpinum L. – H

Phleum phleoides (L.) H. Karst. – H

**Phleum pratense* L. – H

Phleum subulatum (Savi) Asch. & Graebn. – T

- **Phragmites australis* (Cav.) Steud. subsp. *australis* – G, H
 **Piptatherum coerulescens* (Desf.) P. Beauv. – H
 **Piptatherum miliaceum* (L.) Coss. – C, H
 **Poa annua* L. subsp. *annua* – T
 **Poa bulbosa* L. subsp. *bulbosa* – H
 **Poa bulbosa* subsp. *pseudoconcinna* (Schur) Asch. & Graebn. – H
Poa compressa L. – G
 **Poa nemoralis* L. subsp. *nemoralis* – H
Poa pratensis L. subsp. *pratensis* – G
Poa thessala Boiss. & Orph. in Boiss. – H
Poa timoleonis Heldr. ex Boiss. – H
 **Poa trivialis* L. subsp. *sylvicola* (Guss.) H. Lindb. – H
 **Poa trivialis* L. subsp. *trivialis* – H
 **Psilurus incurvus* (Gouan) Schinz & Thell. – T
Secale strictum (C. Presl) C. Presl subsp. *strictum* – T
 **Sesleria tenerrima* (Fritsch) Hayek – H
 **Stipa holosericea* Trin. subsp. *holosericea* – H
Stipa pulcherrima K. Koch subsp. *crassiculmis* (P.A. Smirn.) Tzvelev – H
 **Taeniatherum caput-medusae* (L.) Nevski subsp. *crinitum* (Schreb.) Melderis – T
Trisetum flavescens (L.) P. Beauv. subsp. *splendens* (C. Presl) Arcang. – H
 **Trisetum flavescens* (L.) P. Beauv. subsp. *tenue* (Formánek) Strid in Strid & Tan – H
 **Vulpia ciliata* Dumort. subsp. *ciliata* – T
 **Vulpia muralis* (Kunth) Nees – T
 **Vulpia myuros* (L.) C.C. Gmel. – T

POLYGALACEAE

- Polygala alpestris* Rchb. subsp. *croatica* (Chodat) Hayek – H
 **Polygala monspeliaca* L. – T
Polygala nicaeensis W.D.J. Koch in Röhl. subsp. *mediterranea* Chodat – H
Polygala vulgaris L. – H

POLYGONACEAE

- **Polygonum arenarium* Waldst. & Kit. – T
Polygonum aviculare L. – T
Rumex acetosella L. subsp. *acetoselloides* (Balansa) Nijs – H
 **Rumex conglomeratus* Murray – H
Rumex kernerii Borbás – H
Rumex nebroides Campd. – H
Rumex patientia L. – H
Rumex pulcher L. subsp. *pulcher* – H
 **Rumex scutatus* L. – C
 **Rumex tuberosus* L. subsp. *tuberosus* – G

PORTULACACEAE

- **Portulaca oleracea* aggr. – T

PRIMULACEAE

- **Anagallis arvensis* L. – T, H
 **Cyclamen graecum* Link subsp. *graecum* – G
 **Cyclamen hederifolium* Sol. ex Aiton – G
 **Lysimachia atropurpurea* L. – T
 **Lysimachia punctata* L. – H
Lysimachia serpyllifolia Schreb. – C, endemic
Primula veris L. subsp. *veris* – H
Samolus valerandi L. – H

RAFFLESIACEAE

- **Cytinus hypocistis* (L.) L. subsp. *hypocistis* – G

RANUNCULACEAE

- Actaea spicata* L. – G
Anemone apennina L. subsp. *blanda* (Schott & Kotschy) Nyman – G
 **Anemone coronaria* L. – G
Caltha palustris L. – H
 **Clematis flammula* L. – P
Clematis vitalba L. – P
Consolida ajacis (L.) Schur – T
 **Ficaria verna* Huds. subsp. *ficariiformis* (F.W. Schultz) B. Walln. – G
Helleborus odoratus Waldst. & Kit. subsp. *cyclophyllus* (A. Braun) Maire & Petitm. – G
Myosurus minimus L. – T
 **Nigella damascena* L. – T
Ranunculus arvensis L. – T
Ranunculus brevifolius Ten.
Ranunculus brutius Ten. – G
 **Ranunculus gracilis* E.D. Clarke – H
Ranunculus lateriflorus DC. – T
 **Ranunculus paludosus* Poir. – H
Ranunculus peltatus Schrank subsp. *peltatus* – A
Ranunculus psilostachys Griseb. – H
Ranunculus sartorianus Boiss. & Heldr. in Boiss. – G
Ranunculus serbicus Vis. – G
Ranunculus trichophyllus Chaix in Vill. – T, H
Ranunculus velutinus Ten. – H
Thalictrum aquilegifolium L. – G
Thalictrum minus L. subsp. *saxatile* DC. ex Ces. in Cattaneo – G
Trollius europaeus L. – H

RESEDACEAE

- **Reseda lutea* L. subsp. *lutea* – T, H

RHAMNACEAE

- **Frangula rupestris* (Scop.) Schur – P
 **Paliurus spina-christi* Mill. – P
 **Rhamnus alaternus* L. subsp. *alaternus* – P
 **Rhamnus alpina* L. subsp. *fallax* (Boiss.) Maire & Petitm. – P

**Rhamnus lycioides* L. subsp. *graeca* (Boiss. & Reut.)
Tutin – P
Rhamnus saxatilis Jacq. subsp. *prunifolia* (Sm.)
Aldén in Strid – P

ROSACEAE

**Agrimonia eupatoria* L. subsp. *eupatoria* – H
Alchemilla xanthochlora Rothm. – H
Aremonia agrimonioides (L.) DC. subsp. *pouzarii*
Skalický – H
Cotoneaster integerrimus Medik. – P
Cotoneaster tomentosus (Aiton) Lindl. – P
**Crataegus heldreichii* Boiss. – P
**Crataegus monogyna* Jacq. – P
**Crataegus orientalis* Pall. ex M. Bieb. subsp. *orientalis* – P
Filipendula vulgaris Moench – H
Fragaria vesca L. – H
**Geum urbanum* L. – H
**Potentilla inclinata* Vill. – H
Potentilla pedata Wild. – H
**Potentilla reptans* L. – H
Potentilla speciosa Willd. – H
**Prunus avium* (L.) L. – P
Prunus cocomilia Ten. – P
**Prunus domestica* L. subsp. *insititia* (L.) Bonnier
& Layens – P
**Prunus dulcis* (Mill.) D.A. Webb – P
Prunus mahaleb L. – P
Prunus prostrata Labill. – P
Prunus spinosa L. subsp. *dasyphylla* (Schur) Do-
min – P
**Pyrus spinosa* Forssk. – P
Rosa agrestis Savi – P
Rosa arvensis Huds. – P
**Rosa canina* L. – P
**Rosa dumalis* Bechst. – P
**Rosa gallica* L. – C, P
Rosa pulverulenta M. Bieb. – P
**Rubus caesius* L. – P
**Rubus canescens* DC. – P
**Rubus hirtus* Waldst. & Kit. – P
Rubus idaeus L. – P
**Rubus sanctus* Schreb. – P
**Sanguisorba minor* Scop. subsp. *balearica* (Nyman)
Muños Garm. & C. Navarro – H
Sanguisorba officinalis L. – H
Sorbus aria (L.) Crantz – P
**Sorbus domestica* L. – P
Sorbus umbellata (Desf.) Fritsch in A. Kern subsp.
umbellata – P

RUBIACEAE

Asperula aristata L. f. subsp. *condensata* (Boiss.)

Ehrend. & Krendl – H
**Asperula boissieri* Heldr. ex Boiss. – C, endemic
**Asperula chlorantha* Boiss. & Heldr. in Boiss. – C
**Asperula laevigata* L. – H
Asperula lutea Sm. in Sibth. & Sm. subsp. *lutea* – C,
endemic
Asperula oetaea (Boissier) Halácsy – C, endemic
**Crucianella angustifolia* L. – T
**Crucianella graeca* Boiss. – T
**Crucianella latifolia* L. – T
Cruciata laevipes Opiz. – H
Cruciata pedemontana (Bellardi) Ehrend. – T
**Galium aparine* L. – T
Galium circae Krendl – H, endemic
Galium citraceum Boiss. – H, endemic
**Galium divaricatum* Lam – T
Galium hellenicum Krendl – H
**Galium incanum* Sm. in Sibth. & Sm. subsp. *inca-*
num – C
**Galium intricatum* Margot & Reut. – T
**Galium murale* (L.) All. – T
Galium palustre L. – H
**Galium rivale* (Sm.) Griseb. – H
**Galium rotundifolium* L. – H
**Galium setaceum* Lam. – T
**Galium spurium* L. – T
Galium thymifolium Boiss. & Heldr. in Boiss. – H,
endemic
Galium verticillatum Danthoine in Lam. – T
Galium verum L. subsp. *verum* – H
**Plocama calabrica* (L. f.) M. Backlund & Thulin – C, P
**Rubia peregrina* L. – P
**Sherardia arvensis* L. – T
**Valantia hispida* L. – T

RUSCACEAE

**Ruscus aculeatus* L. – G, C

RUTACEAE

Dictamnus albus L. – H
**Ruta graveolens* L. – C
Ruta montana (L.) L. – C

SALICACEAE

**Populus nigra* L. subsp. *nigra* – P
Populus tremula L. – P
**Salix alba* L. – P
**Salix eleagnos* Scop. – P
**Salix fragilis* L. – P
**Salix purpurea* L. – P

SANTALACEAE

Arceuthobium oxycedri (DC.) M. Bieb.
**Osyris alba* L.

Thesium arvense Horvatovszky
**Thesium bergeri* Zucc.
Thesium divaricatum Mert. & W.D.J. Koch
Thesium parnassi A. DC.
**Viscum album* L. subsp. *abietis* (Wiesbaur) Abromeit

SAXIFRAGACEAE

Saxifraga adscendens L. subsp. *parnassica* (Boiss. & Heldr.) Hayek – H
Saxifraga exarata Vill. – H
Saxifraga paniculata Mill. – H
Saxifraga rotundifolia L. subsp. *rotundifolia* – H
Saxifraga scardica Griseb. – C
Saxifraga sempervivum K. Koch – C
Saxifraga tridactylites L.

SMILACAEAE

**Smilax aspera* L. – T

SCROPHULARIACEAE

Limosella aquatica L. – T
**Scrophularia canina* L. subsp. *bicolor* (Sm.) Greuter in Greuter & Rech. f. – H
**Scrophularia heterophylla* Willd. – H
Scrophularia laciniata Waldst. & Kit. – H
Scrophularia scopolii Hoppe in Pers. – H
**Scrophularia umbrosa* Dumort. – H
Verbascum epixanthinum Boiss. & Heldr. in Boiss. – H, endemic
**Verbascum graecum* Heldr. & Sartori ex Boiss. – H
**Verbascum macrurum* Ten. – H
Verbascum mallophorum Boiss. & Heldr. in Boiss. – G, H
**Verbascum pulverulentum* Vill. – H
**Verbascum sinuatum* L. – H
Verbascum speciosum Schrad. subsp. *megaphlomos* (Boiss. & Heldr.) Nyman – H, endemic
**Verbascum undulatum* Lam. in Lam. & al. – H

SOLANACEAE

Atropa belladonna L. – H

TAMARICACEAE

**Tamarix tetrandra* Pall. ex M. Bieb. – P

THYMELEACEAE

Daphne oleoides Schreb. subsp. *oleoides* – C

TILIACEAE

Tilia platyphyllos Scop. – P

TYPHACEAE

Typha latifolia L. – G

ULMACEAE

**Celtis australis* L. – P
**Ulmus glabra* Huds. – P
**Ulmus minor* Mill. subsp. *minor* – P
Ulmus procera Salisb. – P

URTICACEAE

**Parietaria officinalis* L. – H
**Urtica dioica* L. – H
**Urtica pilulifera* L. – T

VALERIANACEAE

Centranthus longiflorus Steven subsp. *junceus* (Boiss. & Heldr.) I. Richardson – H, endemic
**Centranthus ruber* (L.) DC. subsp. *sibthorpii* (Boiss.) Hayek – H
Valeriana italica Lam. – H
Valeriana tuberosa L. – H
**Valerianella carinata* Loisel. – T
**Valerianella microcarpa* Loisel. – T

VERBENACEAE

**Verbena officinalis* L. – H
**Vitex agnus-castus* L. – P

VERONICACEAE

Digitalis ferruginea L. subsp. *ferruginea* – H
**Digitalis laevigata* Waldst. & Kit. subsp. *graeca* (Ivanina) Werner – H
**Linaria pelisseriana* (L.) Mill. – T
Linaria peloponnesiaca Boiss. & Heldr. in Boiss.
**Linaria simplex* Desf. – T
**Veronica agrestis* L. – T
**Veronica anagalis-aquatica* L. – H, T
Veronica arvensis L. – T
Veronica beccabunga L. subsp. *beccabunga* – H
Veronica chamaedrys L. subsp. *chamaedryoides* (Bory & Chaub.) M.A. Fisch. in Strid & Tan – H, endemic
**Veronica cymbalaria* Bodard – T
Veronica glauca Sm. subsp. *peloponnesiaca* (Boiss. & Orph.) Maire & Petitm. – T, endemic
**Veronica hederifolia* L. – T
Veronica oetaea Gustavsson, – T, local endemic
Veronica orsiniana Ten. subsp. *orsiniana* – C, H
Veronica praecox All. – T
Veronica serpyllifolia L. subsp. *serpyllifolia* – H
Veronica thymifolia Sm. in Sibth. & Sm. – C, endemic
**Veronica triloba* (Opiz) Opiz – T
Veronica verna L. – T

VIOLACEAE

Viola aetolica Boiss. & Heldr. in Boiss. – H

Viola alba Besser subsp. *dehnhardtii* (Ten) W. Becker – H
Viola graeca (W. Becker) Halácsy – H, endemic
Viola odorata L. – H
Viola parvula Tineo – T
Viola poetica Boiss. & Spruner in Boiss. – H, endemic
Viola reichenbachiana Boreau – H
Viola riviniana Rchb. – H
Viola sieheana W. Becker – H

ZYGOPHYLLACEAE

**Tribulus terrestris* L. – T

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