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# Flora and vegetation of Mt Aphrodisio (Peloponnisos, Greece)

**Abstract**

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This paper presents 650 specific and infraspecific taxa of the vascular flora of Mt Aphrodisio, NW Peloponnisos. All the records are new as the mountain was until now floristically unexplored. For each taxon, local distribution and habitat types are presented. *Crypsis alopecuroides* is new record for Peloponnisos. Its flora comprises also 29 Greek and 22 Balkan endemics. Some of the records concern rare taxa in Greece, in Peloponnisos or regional endemics, which are, therefore, chorologically significant, such as *Arenaria guicciardii*, *Alkanna methanaea*, *Erysimum pectinatum*, *Anthemis brachmannii*, *Silene gigantea* subsp. *hellenica*, *Delphinium hellenicum*, *Galium capitatum*, *Verbascum daenzeri*, *Trifolium tenuifolium*, *Glinus lotoides*, *Helleborus odorus* subsp. *cyclophyllus*, *Galanthus reginae-olgae* subsp. *vernalis*, *Bromus parvispiculatus*, *Crypsis schoenoides*, *Gaudiniopsis macra*. The main vegetation types are also described.

*Key words*: biodiversity, phytogeography, vegetation, Peloponnisos, Mediterranean.

## Introduction

Mt Aphrodisio is located at the northwestern part of Peloponnisos and belongs to the homonymous unit according to the phytogeographical division in “Flora Hellenica” (Strid & Tan 1997). More specifically it constitutes the border between the prefectures of Arkadia and Achaia in contact with the prefecture of Ilia. Its name is derived by the sanctuary of goddess Aphrodite situated on a saddle-shaped pass between the main peeks of the mountain at 1150 m.

The main peaks of Mt Aphrodisio (Fig. 1), Mavri Vrisi (1445 m) and Neraidorrachi (1369 m) are located in its main axis which has a NW-SE orientation. Northern and western boundaries of the investigated area are clearly demarcated by the rivers Seiraios and Erimanthos respectively. Southern foothills of the mountain are crossed by the river Ladonas from the homonymous artificial lake to the hydroelectric power plant near the village Kato Spatharis. Eastward the slopes of the mountain descend to small plains around the village Dafni.

Geologically, the investigated area belongs to the geotectonic unit of Olonos-Pindos. The main substrates are limestones followed by radiolarites and flysch. Longitudinal zones of these types of rocks mainly with SW-NE orientation continuously succeed each other in the whole area. Talus cones are restricted to small areas in the slopes which descend to rivers Ladonas, Erimanthos and Seiraios. Alluvial deposits occupy a narrow strip of land formed by Seiraios river in the north. Conglomerates cover a relatively extensive zone south of the village Voutsis (IGME 1978). In general the geological landscape is quite fragmented and this is sometimes reflected in the distribution pattern of the various types of

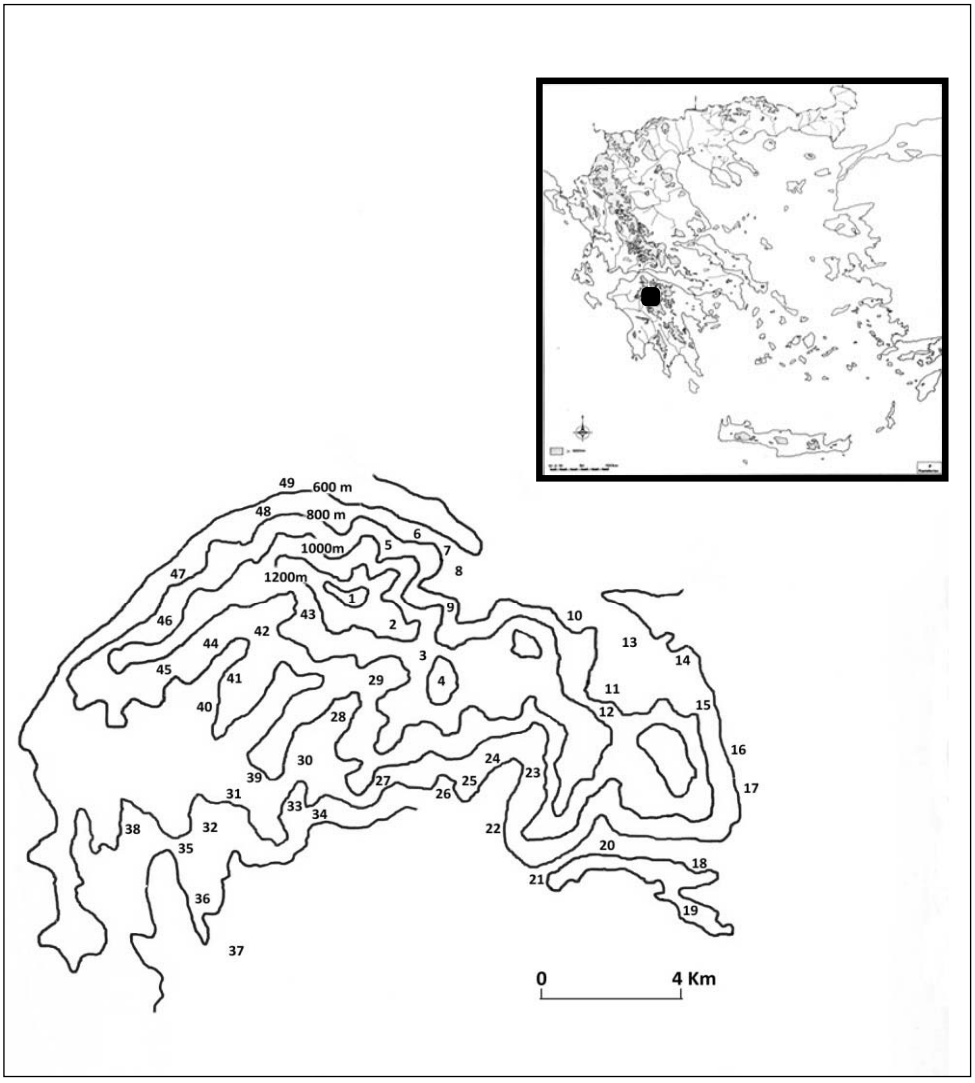


Fig. 1. Geographical position of Mt Aphrodisio in Greece and a map of the investigated area.

vegetation. The maximum boundaries of the investigated area are defined by the coordinates 37˚44'48" to 37˚51'54"N and 21˚47'40" to 22˚03'25"E.

The nearest meteorological station which provides full climatic data is that of Kalavrita situated at 731 m. According to climatic diagram by Emberger (1955, 1959) and Sauvage (1963), the bioclimate of the area is humid with cool winter. The dry period, according to the ombrothermic diagram by Bagnouls & Gaussen (1957) lasts approximately four months. The mean annual height of precipitation in the meteorological stations of Tripotama (550 m) and Dafni (580 m) situated at the northern parts of the investigated area reaches approximately 1000 mm. Regional and local differences exist depending on altitude and topography.

Human intervention on the ecosystems of the mountain is on decline nowadays. A few decades ago the area was relatively densely populated with numerous villages dispersed in its lower altitudinal zone. The main occupation of the inhabitants was raising of sheep and goats in combination with the cultivation of the low productivity stony terrain. Arkadia was famous since antiquity for its pastures where the god Panas acted protecting the breeders. Livestock breeding still remains the base of the local economy but its size has dramatically reduced since it is practiced by a few elderly people. The majority of the villages look nowadays abandoned or inhabited by few people. Most of the productive age people abandon the area seeking professional occupation in the biggest cities of Peloponissos and in Athens. Thus the area is nowadays sparsely populated and many villages are lacking of young generation. There is also no prospect of touristic development as in other areas of Arkadia. As this situation seems irreversible the future of the local ecosystems is expected to be prosperous. Natural vegetation dominated by *Quercus coccifera* has already taken over abandoned anthropogenic habitats such as stony fields.

Aphrodisio is one of the few floristically unexplored mountains of Greece. Bibliographical data concerning previous reports are lacking and that stimulated my interest to conduct this study. The aim of this study is also to reveal the vascular plant diversity of medium sized mountains of Greece which are less investigated as compared to higher massifs.

## Material and methods

The study is based on collections and field observations made from 2005 to 2013. Collections were conducted in various localities and habitats of the mountain in all the seasons of the year in order to obtain a precise idea of the character of its flora. All specimens, about 1500, are temporarily kept in my personal herbarium. Species identification and/or nomenclature were based mostly on Davis (1965-1985), Tutin & al. (1968, 1972, 1976, 1980, 1993), Greuter & al. (1984, 1986, 1989), Strid & Tan (1997, 2002), Greuter & Raab-Straube (2008) and Dimopoulos & al. (2013). Families, genera, species and subspecies are listed within the major taxonomic groups in alphabetical order. In the following catalogue only spontaneous and subspontaneous taxa are recorded. Transliteration of localities is in accordance with "*Flora Hellenica"* (Strid & Tan 1997, 2002).

**Localities (Fig. 1)**

1. Summit Mavri Vrisi, 1445 m, 21.6.2005.
2. Between summit Mavri Vrisi and the sanctuary of Aphrodite, 1150-1300 m, 14.5.2015, 5.6.2005, 28.3.2006, 25.6.2006.
3. Sanctuary of Aphrodite, 1150 m, 14.5.2015, 5.6.2005, 28.3.2006, 25.6.2006, 25.5.2013.
4. Summit Neraidorrachi, 1150-1369 m, 25.5.2013.
5. c. 0.5 km SE of Dechouni village, 850 m, 24.5.2013.
6. Between Dechouni and Dechouneika villages, 700 m, 24.5.2013.
7. Dechouneika village, 620 m, 24.5.2013.
8. Crossroad to Kondovazena and Dechouni villages, 620 m, 24.5.2013.
9. Between Dechouneika village and the sanctuary of Aphrodite, 700-900 m, 26.5.2013.
10. c. 0.5 km N of Vesini village, 700 m, 26.5.2013.
11. Nasia village, 700 m, 26.5.2013.
12. c. 1 km S of Nasia village, 700-800 m, 26.5.2013.
13. Between Nasia and the crossroad to Dafni, 550-700 m, 26.5.2013.
14. Between Dafni and the crossroad to Nasia, 550-600 m, 25.5.2013, 26.5.2013.
15. Dafni village, 600 m, 24-26.5.2013.
16. Between Dafni and Pournaria village, 500-600 m, 25.5.2013.
17. Pournaria village, 520 m, 25.5.2013.
18. Mouria village, 460 m, 25.5.2013.
19. Eastern shores of Ladona artificial lake, 420 m, 14.10.2005, 18.6.2006, 24.6.2006.
20. Between Mouria village and the dam of Ladona lake, 430-460 m, 25.5.2013.
21. Dam of Ladona lake, 430 m, 25.5.2013.
22. Between Pera Vachlia village and the dam of Ladona lake, 430-600 m, 25.5.2013.
23. Pera Vachlia village, 600 m, 25.5.2013.
24. Vachlia village, 620 m, 25.5.2013.
25. Between Vachlia and Dimitra villages, 540-620 m, 25.5.2013.
26. Dimitra village, 540 m, 25.5.2013.
27. Between Kondovazena and Dimitra villages, 540-700 m, 25.5.2013.
28. Kondovazena village, 700 m, 11.10.2005, 22.2.2006, 27.3.2006, 25.6.2006, 25.5.2013, 26.5.2013.
29. Between Kondovazena and the sanctuary of Aphrodite, 700-1100 m, 25.6.2006, 25.5.2013.
30. Between Kondovazena and the crossroad to Peleki village, 600-700 m, 11.10.2005, 22.2.2006, 27.3.2006, 25.6.2006, 19.4.2012, 25.5.2013.
31. Crossroad to Peleki village, 600 m, 19.4.2012.
32. Between the crossroad to Peleki and Voutsis villages, 550-600 m, 14.5.2005, 5.6.2005, 25.6.2006, 19.4.2012.
33. Between the main road and the monastery of Klivoka, 450-630 m, 25.5.2013.
34. The monastery of Klivoka, 450 m, 22.2.2006, 25.5.2013.
35. Voutsis village, 550 m, 19.4.2012.
36. Between Voutsis village and the hydroelectric power plant near Kato Spatharis village, 210-550 m, 14.5.2005, 19.4.2012.

37. Hydroelectric power plant near Kato Spatharis village, 210 m, 14.5.2005, 5.6.2005, 25.6.2006, 19.4.2012.
38. Monastiraki village, 600 m, 19.4.2012.
39. Southern slopes of Koprisies summit, 650-750 m, 19.4.2012.
40. c. 1.5 km S of Aposkia village, 800 m, 19.4.2012.
41. Aposkia village, 840 m, 19.4.2012.
42. c. 0.5 km NE of Soudeli settlement, 850 m, 21.6.2005.
43. Between Soudeli and the summit of Mavri Vrisi, 900-1400 m, 21.6.2005.
44. Velimachi village, 860 m, 19.4.2012.
45. Kardaritsi village, 900 m, 19.4.2012.
46. Between Kardaritsi and Paralogi villages, 800-900 m, 19.4.2012.
47. Paralogi village, 800 m, 19.4.2012.
48. c. 1 km S of Tripotama village, 600 m, 19.4.2012, 24.5.2013.
49. Tripotama village, 540 m, 19.4.2012, 24.5.2013.

**Habitats**

**a**. *Quercus coccifera* dominated scrub often mixed with scattered deciduous species such as *Fraxinus ornus*, *Quercus pubescens*, *Crataegus monogyna*, *Acer monspessulanum* subsp. *monspessulanum*, mainly limestone.
**b**. Open rocky places, limestone.
**c**. Stony meadows with scattered individuals of *Quercus coccifera* and *Crataegus heldreichii*.
**d**. *Quercus frainetto* forest, mainly radiolarites.
**e**. *Quercus pubescens* forest.
**f**. *Quercus frainetto-Quercus pubescens* mixed forest.
**g.** *Carpinus orientalis* forest.
**h**. Mixed deciduous forest with *Quercus pubescens, Carpinus orientalis, Fraxinus ornus.*
**i**. Limestone cliffs.
**j**. Macchie with *Quercus coccifera*, *Arbutus unedo*, *Erica arborea*, *Pistacia lentiscus*, *Calicotome villosa*.
**k**. *Platanus orientalis* forest.
**l**. Open grazed places.
**m**. Damp to wet places by springs or road margins, ditches and brooks.
**n**. Fallow and abandoned fields.
**o**. Fields (mainly olive groves and walnut orchards).
**p**. Forest roadsides.
**q**. Road cuttings.
**r**. Roadsides.
**s**. Street margins and disturbed places.
**t**. Stone walls and dry stone walls.
**u**. Muddy places by lake margins.

**Plant list**

The following abbreviations are used: Bal. = E. Baliousis; obs. = field observation; phot. = photograph; s.n. = without number. Names of taxa not native to the investigated area are set in square brackets.

PTERIDOPHYTA

*ASPLENIACEAE*
*Asplenium ceterach* L. – 2b, *Bal. 1902;* 4b, *Bal. 8342;* 30a, *Bal. s.n*.
*Asplenium onopteris* L. – 5a, *Bal. 8147;* 10g, *Bal. 8794*.
*Asplenium trichomanes* L. *s.l.* – 2b, *Bal. 1903;* 6k, *Bal. 8144;* 5a, *Bal. 8146;* 10g, *Bal. 8795.*

*DENNSTAEDTIACEAE*
*Pteridium aquilinum* (L.) Kuhn subsp. *aquilinum* – 42p, *Bal. 2123;* 2e, *Bal. 2304;* 48e, *Bal. 8233;* 36r, *Bal. obs*.

*EQUISETACEAE*
*Equisetum arvense* L. – 14m, *Bal. 8667*.
*Equisetum ramosissimum* Desf. – 34m, *Bal. 8511*.
*Equisetum telmateia* Ehrh. – 37k, *Bal. 1781*.

*POLYPODIACEAE*
*Polypodium cambricum* L. – 34i, *Bal. 2232*.

*PTERIDACEAE*
*Adiantum capillus-veneris* L. – 37m, *Bal. s.n.*

*SELAGINELLACEAE*
*Selaginella denticulata* (L.) Spring – 34a, *Bal. 8522*.

SPERMATOPHYTA

GYMNOSPERMAE

*EPHEDRACEAE*
*Ephedra foeminea* Forssk. – 34i, *Bal. 8474*.

ANGIOSPERMAE
DICOTYLEDONES

*ACANTHACEAE*
*Acanthus spinosus* L. – 7*l*, *Bal. obs.;* 8r, *Bal. obs.;* 28n, *Bal. obs.;* 23r, *Bal. obs.*

*ACERACEAE*
*Acer monspessulanum* L. subsp. *monspessulanum* – 2c, *Bal. 2531;* 12d, *Bal. 8745*.
*Acer sempervirens* L. – 34a, *Bal. 8536*.

*AMARANTHACEAE*
[*Amaranthus albus* L.] – 19u, *Bal. 2161*.

*ANACARDIACEAE*
*Pistacia lentiscus* L. – 36j, *Bal. obs*.
*Pistacia terebinthus* L. subsp. *terebinthus* – 30a, *Bal. 8398;* 32a, *Bal. obs.;* 31a, *Bal. obs.*

*APIACEAE*
*Anthriscus sylvestris* subsp. *nemorosus* (M. Bieb.) Koso-Pol. – 41k, *Bal. 6190.*
*Bubon macedonicum* L. – 27q, *Bal. 8611*.
*Bupleurum glumaceum* Sm. – 42p, *Bal. 2099;* 2c, *Bal. 2544;* 30n, *Bal. s.n.*
*Chaerophyllum nodosum* (L.) Crantz – 7k, *Bal. 8082;* 6k, *Bal. 8122*.
*Chaerophyllum temulum* L. – 7m, *Bal. 8081*.
*Daucus carota* subsp. *maximus* (Desf.) Ball – 32r, *Bal. 2632*.
*Daucus guttatus* Sm. subsp. *guttatus* – 32r, *Bal. 2015;* 7n, *Bal. 8073;* 33p, *Bal. 8430;* 30n, *Bal. 8575*.
*Elaeoselinum asclepium* (L.) Bertol. subsp. *asclepium* – 9a, *Bal. 8800*.
*Eryngium amethystinum* L. – 1c, *Bal. 2071;* 4c, *Bal. 8376.*
*Eryngium campestre* L. – 30r, *Bal. 2610;* 7l, *Bal. obs*.
*Eryngium creticum* Lam. – 33p, *Bal. 8431*.
*Foeniculum vulgare* Mill. – 28r, *Bal. 2619;* 14r, *Bal. obs.*
*Geocaryum parnassicum* (Boiss. & Heldr.) Engstrand – 4c, *Bal. 8333*.
*Helosciadium nodiflorum* (L.) W.D.J. Koch – 7m, *Bal. 8074*.
*Heracleum sphondylium* subsp. *ternatum* (Velen.) Briq. – 13m, *Bal. 8781*.
*Lagoecia cuminoides* L. – 5r, *Bal. 8172*.
*Malabaila aurea* (Sm.) Boiss. – 34p, *Bal. 8493*.
*Oenanthe pimpinelloides* L. *s.l.* – 37m, *Bal. 1780*.
*Opopanax hispidus* (Friv.) Griseb. – 34p, *Bal. 8467*.
*Orlaya daucoides* (L.) Greuter – 2c, *Bal. 1981;* 1c, *Bal. 2052;* 5a, *Bal. 8178*.
*Orlaya grandiflora* (L.) Hoffm. – 33p, *Bal. 8429*.
*Scaligeria napiformis* (Spreng.) Grande – 37r, *Bal. 2023;* 34p, *Bal. 8524;* 9a, *Bal. 8801*.
*Scandix australis* subsp. *grandiflora* (L.) Thell. – 2c, *Bal. 1886;* 5a, *Bal. 8174;* 4c, *Bal. 8334;* 8r, *Bal. s.n.*
*Scandix pecten-veneris* L. – 7n, *Bal. 8093.*
*Smyrnium perfoliatum* L. *s.l.* – 30n, *Bal, 6155;* 7n, *Bal. 8075.*
*Tordylium apulum* L. – 2c, *Bal. 1887;* 31r, *Bal. s.n.;* 7r, *Bal. s.n*.
*Tordylium officinale* L. – 7r, *Bal. 8078*.
*Torilis africana* Spreng. – 42p, *Bal. 2108;* 2c, *Bal. 2566;* 7r, *Bal. 8080;* 34p, *Bal. 8479;* 9r, *Bal. 8802*.
*Torilis arvensis* subsp. *recta* Jury – 37m, *Bal. 2024;* 28m, *Bal. 2624*.

*Torilis leptophylla* (L.) Rchb. f. – 5r, *Bal. 8173;* 7n, *Bal. s.n.*
*Torilis nodosa* (L.) Gaertn. – 2c, *Bal. 2008;* 7n, *Bal. 8079*.

*APOCYNACEAE*
*Vinca herbacea* Waldst. & Kit. – 2c, *Bal. 1868;* 30a, *Bal. 2261;* 39a, *Bal. 6164*.
[*Vinca major* L. subsp. *major*] – 41n, *Bal. obs.;* 47n, *Bal. obs.*

*ARALIACEAE*
*Hedera helix* L. subsp. *helix* – 41k, *Bal. obs*.

*ARISTOLOCHIACEAE*
*Aristolochia microstoma* Boiss. & Spruner – 2c, *Bal. 1866;* 7n, *Bal. 8110;* 4c, *Bal. 8366.*
This is the westernmost locality of this Greek endemic.

*ASTERACEAE*
*Achillea ligustica* All. – 12p, *Bal. 8760.*
*Achillea setacea* Waldst. & Kit. – 3c, *Bal. 1987;* 1c, *Bal. 2127;* 2c, *Bal. 2555;* 4c, *Bal. 8283.*
*Anthemis arvensis* L. *s.l.* – 2c, *Bal. 2007;* 48p, *Bal. 8253;* 12p, *Bal. 8777*.
*Anthemis arvensis* L. subsp. *arvensis* – 43c, *Bal. 2074*.
*Anthemis brachmannii* Boiss. & Heldr. – 33p, *Bal. 8423*.
This finding fills the gap between the populations of this species in northern and southern Peloponnisos already reported by Halácsy (1902).
*Anthemis chia* L. – 2c, *Bal. 1802;* 1c, *Bal. 2073;* 4c, *Bal. 8278;* 32o, *Bal. s.n.*
*Anthemis cotula* L. – 5p, *Bal. 8189;* 33p, *Bal. 8421*.
*Bellis perennis* L. – 2c, *Bal. 1791;* 7n, *Bal. 8064*.
*Bellis sylvestris* Cirillo – 30a, *Bal. 2136*.
*Calendula arvensis* L. – 41s, *Bal. 6197;* 34p, *Bal. 8532;* 38r, *Bal. obs*.
*Carduus pycnocephalus* L. – 37r, *Bal. 2647;* 5r, *Bal. 8185*.
*Carthamus lanatus* subsp. *baeticus* (Boiss. & Reut.) Nyman – 29r, *Bal. 2609*.
*Centaurea calcitrapa* L. – 3r, *Bal. 8293*.
*Centaurea pichleri* Boiss. – 2c, *Bal. 1794;* 1c, *Bal. 2081*.
*Centaurea raphanina* subsp. *mixta* (DC.) Runemark – 2c, *Bal. 1796;* ibid., *Bal. 2597;* 4c, *Bal. 8356*.
*Centaurea solstitialis* L. subsp. *solstitialis* – 43p, *Bal. 2080;* 2c, *Bal. 2598*.
*Chondrilla juncea* L. – 28r, *Bal. 2146;* 7n, *Bal. 8057*.
*Cichorium intybus* L. – 34p, *Bal. 8546*.
*Cirsium vulgare* (Savi) Ten. – 2c, *Bal. 2603;* 29r, *Bal. 2608*.
*Crepis dioscoridis* L. – 27q, *Bal. 8609*.
*Crepis foetida* L. subsp. *foetida* – 5p, *Bal. 8191;* 34p, *Bal. 8482*.
*Crepis fraasii* Sch. Bip. subsp. *fraasii* – 5a, *Bal. 8183;* 34a, *Bal. 8529;* 12d, *Bal. 8741;* 10g, *Bal. 8793*.
*Crepis neglecta* subsp. *graeca* (Vierh.) Rech. f. – 2c, *Bal. 1793;* 43c, *Bal. 2077;* 31r, *Bal. 6142a;* 5a, *Bal. 8188;* 4c, *Bal. 8277*.
*Crepis rubra* L. – 2c, *Bal. 1799;* 3c, *Bal. 1986;* 5p, *Bal. 8192;* 8r, *Bal. s.n.;* 4c, *Bal. 8285.*

*Crepis sancta* (L.) Bornm. – 2c, *Bal. 1792;* 43c, *Bal. 2076;* 31r, *Bal. 6142b;* 4c, *Bal. 8282.*
*Crepis setosa* Haller f. – 28r, *Bal. 2627*.
*Crepis zacintha* (L.) Loisel. – 33p, *Bal. 8420*.
*Crupina crupinastrum* (Moris) Vis. – 2c, *Bal. 2569;* 4c, *Bal. s.n*.
*Cynara cardunculus* L. subsp. *cardunculus* – 37r, *Bal. 2616*.
*Dittrichia viscosa* (L.) Greuter *s.l.* – 26r, *Bal. obs*.
*Echinops sphaerocephalus* L. subsp. *sphaerocephalus* – 30r, *Bal. 2615*.
[*Erigeron sumatrensis* Retz.] – 28s, *Bal. 2139*.
*Filago arvensis* L. – 42p, *Bal. 2098;* 12p, *Bal. 8769.*
*Filago eriocephala* Guss. – 48p, *Bal. 8252*.
*Filago gallica* L. – 48p, *Bal. 8254;* 12p, *Bal. 8768.*
*Filago pyramidata* L. – 48p, *Bal. 8217;* 30n, *Bal. 8578;* 12p, *Bal. 8770*.
*Galactites tomentosus* Moench – 30o, *Bal. 8560*.
*Hedypnois rhagadioloides* (L.) F.W. Schmidt subsp. *rhagadioloides* – 5r, *Bal. 8184;* 33p, *Bal. 8422;* 12p, *Bal. 8707*.
*Helminthotheca echioides* (L.) Holub – 37r, *Bal. 2648*.
*Hypochaeris cretensis* (L.) Bory & Chaub. – 2c, *Bal. 1961;* 7n, *Bal. 8055;* 5p, *Bal. 8190;* 4c, *Bal. 8290;* 34p, *Bal. 8526*.
*Inula verbascifolia* (Willd.) Hausskn. *s.l.* – 34i, *Bal. 8557;* 26q, *Bal. 8615.*
*Lactuca viminea* subsp. *ramosissima* (All.) Arcang. – 1c, *Bal. 2075.*
*Lapsana communis* subsp. *adenophora* (Boiss.) Rech. f. – 12p, *Bal. 8738*.
*Leontodon crispus* subsp. *asper* (Waldst. & Kit.) Rohlena – 2c, *Bal. 1798*.
*Leontodon tuberosus* L. – 30r, *Bal. 2137;* 32r, *Bal. s.n.;* 49r, *Bal. obs*.
*Matricaria chamomilla* L. – 19s, *Bal. 2163;* 7r, *Bal. 8059*.
*Notobasis syriaca* (L.) Cass. – 18r, *Bal. obs*.
*Onopordum illyricum* subsp. *cardunculus* (Boiss.) Arènes – 3r, *Bal. 2602;* 29r, *Bal. 2612;* 7r, *Bal. obs.;* 14r, *Bal. obs.*
*Pallenis spinosa* (L.) Cass. subsp. *spinosa* – 33p, *Bal. 8425.*
*Phagnalon rupestre* subsp. *graecum* (Boiss. & Heldr.) Batt. – 34i, *Bal. 8466;* 27q, *Bal. 8604.*
*Picnomon acarna* (L.) Cass. – 2c, *Bal. 2599;* 6r, *Bal. obs.;* 29r, *Bal. obs.;* 27r, *Bal. obs*.
*Picris pauciflora* Willd. – 9r, *Bal. 8817*.
*Picris rhagadioloides* (L.) Desf. – 32r, *Bal. 2636;* 33p, *Bal. 8424;* 34p, *Bal. 8480;* 26r, *Bal. 8624*.
*Pilosella bauhini* (Schult.) Arv.-Touv. *s.l.* – 12d, *Bal. 8705*.
*Pilosella cymosa* subsp. *sabina* (Sebast.) H.P. Fuchs – 4c, *Bal. 8287*.
*Podospermum canum* C.A. Mey. – 2c, *Bal. 1797;* 7r, *Bal. 8038;* 4c, *Bal. 8280*.
*Ptilostemon afer* (Jacq.) Greuter subsp. *afer* – 29r, *Bal. 2613*.
*Ptilostemon chamaepeuce* (L.) Less. – 34i, *Bal. 8468*.
*Ptilostemon stellatus* (L.) Greuter – 37r, *Bal. 2040;* 30r, *Bal. 2614;* 33p, *Bal. 8446;* 30o, *Bal. 8559;* 26r, *Bal. 8623;* 12p, *Bal. 8708;* 48p, *Bal. s.n.*
*Pulicaria odora* (L.) Rchb. – 12d, *Bal. 8717.*
*Reichardia picroides* (L.) Roth – 31r, *Bal. 6145;* 27r, *Bal. 8607*.
*Rhagadiolus stellatus* (L.) Gaertn. – 37r, *Bal. 1768;* 32o, *Bal. 6125;* 7n, *Bal. 8060;* 6k, *Bal. 8132;* 34p, *Bal. 8481*.

All the specimens were initially determined as *Rhagadiolus edulis* Gaertn. which according to Dimopoulos & al. (2013) is a synonym.

*Scolymus hispanicus* L. subsp. *hispanicus* – 30r, *Bal. 2611;* 15l, *Bal. obs*.
*Scorzonera crocifolia* Sm. – 9r, *Bal. 8798*.
*Scorzoneroides cichoriacea* (Ten.) Greuter – 12p, *Bal. 8726.*
*Senecio vernalis* Waldst. & Kit. – 2c, *Bal. 1800;* 46p, *Bal. obs*.
*Senecio vulgaris* L. – 2c, *Bal. 1801;* 4c, *Bal. 8279;* 41s, *Bal. obs.;* 45s, *Bal. obs.*
*Silybum marianum* (L.) Gaertn. – 7r, *Bal. obs.;* 6n, *Bal. obs.;* 15l, *Bal. obs.;* 26r, *Bal. obs.;* 17r, *Bal. obs.*
*Sonchus asper* subsp. *glaucescens* (Jord.) Ball – 31r, *Bal. 6146*.
*Tragopogon porrifolius* subsp. *eriospermus* (Ten.) Greuter – 30r, *Bal. 6154;* 9r, *Bal. 8799.*
*Tragopogon samaritani* Heldr. & Sartori ex Boiss. – 2c, *Bal. 2596;* 4c, *Bal. 8288*.
*Urospermum picroides* (L.) F.W. Schmidt – 48p, *Bal. 8234*.
[*Xanthium spinosum* L.] – 31r, *Bal. 6141*.
*Xeranthemum inapertum* (L.) Mill. – 2c, *Bal. 1795*.

*BETULACEAE*
*Carpinus orientalis* Mill. – 40a, *Bal. 6171;* 5a, *Bal. 8167;* 34a, *Bal. 8553;* 22r, *Bal. 8636;* 10g, *Bal. 8786.*
*Ostrya carpinifolia* Scop. – 34a, *Bal. 8478*.

*BORAGINACEAE*
*Alkanna methanaea* Hausskn. – 48p, *Bal. 8231*.
*Anchusa azurea* Mill. – 23r, *Bal. obs.*
*Anchusa undulata* subsp. *hybrida* (Ten.) Bég. – 2c, *Bal. 1837;* 42p, *Bal. 2082;* 32r, *Bal. 6133*.
*Anchusella cretica* (Mill.) Bigazzi, Nardi & Selvi – 2c, *Bal. 1838;* 32o,r, *Bal. 6114;* 39a, *Bal. 6168;* 7r, *Bal. s.n.;* 4c, *Bal. s.n.;* 44s, *Bal. obs.;* 49r, *Bal. obs*.
*Buglossoides incrassata* (Guss.) I.M. Johnst. subsp. *incrassata* – 2c, *Bal. 1841;* 4c, *Bal. 8368*.
*Cerinthe major* L. – 30r, *Bal. 6151*.
*Cerinthe retorta* Sm. – 34p, *Bal. 8472*.
*Cynoglossum columnae* Ten. – 7n, *Bal. 8097;* 44r, *Bal. obs*.
*Cynoglossum creticum* Mill. – 2c, *Bal. 1836;* 7n, *Bal. 8096*.
*Echium italicum* subsp. *biebersteinii* (Lacaita) Greuter & Burdet – 7r, *Bal. obs.;* 49r, *Bal. obs.;* 15r, *Bal. obs.;* 28r, *Bal. obs.;* 26r, *Bal. obs*.
*Echium plantagineum* L. – 48p, *Bal. 8229;* 30o, *Bal. 8564;* 14r, *Bal. obs.*
*Heliotropium europaeum* L. – 28s, *Bal. 2141*.
*Myosotis ramosissima* Rochel subsp. *ramosissima* – 2c, *Bal. 1839*.
*Myosotis sylvatica* subsp. *cyanea* (Hayek) Vestergren – 2c, *Bal. 1840;* 5a, *Bal. 8149;* 4c, *Bal. 8369*.
*Onosma frutescens* Lam. – 34i, *Bal. 8501;* 27q, *Bal. 8613*.
*Symphytum bulbosum* K.F. Schimp. – 7k, *Bal. 8095;* 48k, *Bal. 8230;* 12d, *Bal. s.n.;* 6k, *Bal. obs*.

*BRASSICACEAE*
*Aethionema saxatile* subsp. *graecum* (Boiss. & Spruner) Hayek – 2c, *Bal. 1831;* 39q, *Bal. 6159;* 4b, *Bal. 8306;* 31a, *Bal. s.n.*
*Alliaria petiolata* (M. Bieb.) Cavara & Grande – 40k, *Bal. 6185;* 7k, *Bal. 8091;* 41s, *Bal. obs.;* 36k, *Bal. obs.;* 47s, *Bal. obs*.
*Alyssum foliosum* Bory & Chaub. – 43c, *Bal. 2126;* 2c, *Bal. 2553;* 4c, *Bal. 8302*.
*Alyssum montanum* subsp. *repens* (Baumg.) Schmalh. – 2c, *Bal. 1835*.
*Alyssum murale* Waldst. & Kit. – 2c, *Bal. 1966*.
*Alyssum siculum* Jord. – 2c, *Bal. 1828;* 4c, *Bal. 8300.*
*Alyssum simplex* Rudolphi – 32r, *Bal. 6128;* 28r, *Bal. 8587;* 14r, *Bal. 8669;* 9r, *Bal. 8820.*
*Alyssum strigosum* Banks & Sol. – 2c, *Bal. 2547*.
*Arabis sagittata* (Bertol.) DC. – 34q, *Bal. 8544*.
*Arabis turrita* L. – 34q, *Bal. 8471*.
*Arabis verna* (L.) R.Br. – 2c, *Bal. 1829;* 4c, *Bal. 8298.*
*Aurinia saxatilis* subsp. *orientalis* (Ard.) T.R. Dudley – 32r, *Bal. 2022;* 34i, *Bal. 8485;* 28r, *Bal. 8586;* 27q, *Bal. 8599*.
*Bunias erucago* L. – 32o, *Bal. 6120*.
*Calepina irregularis* (Asso) Thell. – 32o,r, *Bal. 6119;* 41s, *Bal. s.n.;* 35r, *Bal. obs.;* 47r, *Bal. obs.;* 38r, *Bal. obs.*
*Capsella bursa-pastoris* (L.) Medik. – 2c, *Bal. 1847;* 32o, *Bal. 6121;* 48p, *Bal. 8241;* 4c, *Bal. 8295;* 41s, *Bal. s.n.;* 47s, *Bal. obs*.
*Cardamine graeca* L. – 6k, *Bal. 8130*.
*Cardamine hirsuta* L. – 2c, *Bal. 2275;* 40r, *Bal. 6187;* 48p, *Bal. 8214*.
*Clypeola jonthlaspi* L. subsp. *jonthlaspi* – 2c, *Bal. 1832;* 39a, *Bal. 6169;* 32r, *Bal. s.n.*
*Draba muralis* L. – 41t, *Bal. 6189;* 4c, *Bal. 8294.*
*Draba praecox* Steven – 2c, *Bal. 2276;* 40r, *Bal. 6186.*
*Draba verna* L. – 4c, *Bal. 8307*.
*Erysimum asperulum* Boiss. & Heldr. – 48p, *Bal. 8250*.
*Erysimum pectinatum* Bory & Chaub. – 4c, *Bal. 8305*.
*Hirschfeldia incana* (L.) Lagr.-Foss. – 7r, *Bal. 8092;* 33p, *Bal. s.n.*
*Hornungia petraea* (L.) Rchb. – 4c, *Bal. 8303*.
*Isatis tomentella* Boiss. & Balansa – 27q, *Bal. 8600*.
*Lepidium coronopus* (L.) Al-Shehbaz – 19u, *Bal. 2511*.
*Lepidium draba* L. subsp. *draba* – 47s, *Bal. obs*.
*Lepidium graminifolium* L. – 28s, *Bal. 2140*.
*Lepidium hirtum* subsp. *nebrodense* (Raf.) Thell. – 2c, *Bal. 1830.*
*Lunaria annua* subsp. *pachyrhiza* (Borbás) Maire & Petitm. – 34p, *Bal. 8470*.
*Malcolmia graeca* subsp. *bicolor* (Boiss. & Heldr.) Stork – 2c, *Bal. 1834;* 43c, *Bal. 2056;* 4c, *Bal. 8297*.
*Microthlaspi perfoliatum* (L.) F.K. Mey. – 2c, *Bal. 1833;* 30r, *Bal. s.n.;* 43c, *Bal. s.n*.
*Nasturtium officinale* R. Br. – 35m, *Bal. 6111;* 34m, *Bal. 8515*.
*Rapistrum rugosum* (L.) All. – 28r, *Bal. 8838*.
*Rorippa sylvestris* (L.) Besser subsp. *sylvestris* – 19u, *Bal. 2160*.
*Sisymbrium officinale* (L.) Scop. – 2c, *Bal. 1846;* 4c, *Bal. 8299*.
*Sisymbrium orientale* L. – 4c, *Bal. 8296;* 45s, *Bal. obs*.

*CAESALPINIACEAE*
*Cercis siliquastrum* L. – 34a, *Bal. s.n.;* 7k, *Bal. obs.;* 26a, *Bal. obs.*

*CAMPANULACEAE*
*Asyneuma limonifolium* (L.) Janch. subsp. *limonifolium* – 43c, *Bal. 2070*.
*Campanula ramosissima* Sm. – 37r, *Bal. 1771;* 2c, *Bal. 2558;* 28s, *Bal. 2621;* 7r, *Bal. 8061;* 5p, *Bal. 8205;* 28t, *Bal. 8592;* 10p, *Bal. 8796;* 12p, *Bal. s.n.*
*Campanula spatulata* subsp. *spruneriana* (Hampe) Hayek – 2c, *Bal. 1951;* 5a, *Bal. 8204;* 4c, *Bal. 8322*.
*Campanula versicolor* Andrews – 21q, *Bal. obs*.
*Legousia falcata* (Ten.) Fritsch ex Janch. – 28r, *Bal. 8836*.
*Legousia hybrida* (L.) Delarbre – 2c, *Bal. 1861;* 39r, *Bal. 6161;* 4c, *Bal. 8324.*
*Legousia speculum-veneris* (L.) Chaix – 2c, *Bal. 2006;* 5a, *Bal. 8169*.

*CAPRIFOLIACEAE*
*Sambucus nigra* L. – 15n, *Bal. 8644*.

*CARYOPHYLLACEAE*
*Arenaria guicciardii* Heldr. ex Boiss. – 43c, *Bal. 2063;* 2c, *Bal. 2540;* 4c, *Bal. 8321*.
A Greek endemic which is rare and scattered in the mountains of Kriti, southern parts of mainland, Ionian and E Aegean islands (Phitos 1997). Its finding in various localities of Mt Aphrodisio and Mt Likeo (Baliousis 2013), particularly in their upper altitudinal zone, extends considerably its distribution in Peloponnisos.
*Arenaria leptoclados* (Rchb.) Guss. – 2c, *Bal. 2542;* 7r, *Bal. 8106;* 4c, *Bal. 8319*.
*Arenaria serpyllifolia* L. – 43c, *Bal. 2064*.
*Cerastium brachypetalum* subsp. *roeseri* (Boiss. & Heldr.) Nyman – 2c, *Bal. 1857;* 43c, *Bal. 2066;* 32r, *Bal. 6130;* 31r, *Bal. 6135a;* 4c, *Bal. 8312*.
*Cerastium glomeratum* Thuill. – 2c, *Bal. 1856;* 31r, *Bal. 6135b*.
*Cerastium illyricum* subsp. *brachiatum* (Lonsing) Jalas – 48p, *Bal. 8240;* 4c, *Bal. 8314*.
*Holosteum umbellatum* L. – 2c, *Bal. 2283.*
*Minuartia globulosa* (Labill.) Schinz & Thell. – 2c, *Bal. 2536;* 9r, *Bal. 8804*.
*Minuartia hamata* (Hausskn. & Bornm.) Mattf. – 43c, *Bal. 2058;* 4c, *Bal. 8316*.
*Minuartia hybrida* (Vill.) Schischk. – 5p, *Bal. 8180*.
*Minuartia mesogitana* (Boiss.) Hand.-Mazz. *s.l.* – 4c, *Bal. 8315*.
*Petrorhagia dubia* (Raf.) G. López & Romo – 39r, *Bal. 6157;* 48p, *Bal. 8239;* 4c, *Bal. 8318;* 12p, *Bal. 8757*.
*Petrorhagia glumacea* (Bory & Chaub.) P.W. Ball & Heywood – 32r, *Bal. 2017;* 2c, *Bal. 2571;* 33p, *Bal. 8462;* 30r, *Bal. 8571;* 9r, *Bal. 8803*.
*Petrorhagia illyrica* (L.) P.W. Ball & Heywood subsp. *illyrica* – 43c, *Bal. 2062;* 2c, *Bal. 2564*.
*Polycarpon tetraphyllum* (L.) L. – 34p, *Bal. 8551.*
*Saponaria calabrica* Guss. – 3q, *Bal. 1855;* 43p, *Bal. 2067;* 7r, *Bal. 8108;* 32r, *Bal. s.n.;* 39q, *Bal. s.n.;* 46q, *Bal. obs.*
*Scleranthus verticillatus* Tausch – 4c, *Bal. 8310*.
*Silene conica* L. – 4c, *Bal. 8320*.

*Silene cretica* L. – 2c, *Bal. 1854;* 4c, *Bal. 8323.*
*Silene gigantea* subsp. *hellenica* Greuter – 34p, *Bal. 8490;* 27q, *Bal. 8605*.
*Silene italica* subsp. *peloponnesiaca* Greuter – 2c, *Bal. 1949;* 2e, *Bal. 2563;* 12d, *Bal. 8718*.
*Silene nocturna* L. – 28s, *Bal. 8835*.
*Silene nutabunda* Greuter – 26q, *Bal. 8630*.
This is the northernmost locality of this species endemic to Peloponnisos.
*Silene vulgaris* subsp. *macrocarpa* Turrill – 7n, *Bal. 8107*.
*Silene vulgaris* (Moench) Garcke *s.l.* – 31q, *Bal. 6148;* 9r, *Bal. 8809*.
*Stellaria apetala* Ucria – 2c, *Bal. 1859;* 42p, *Bal. 2061;* 32o, *Bal. 6122*.
*Stellaria cupaniana* Jord. & Fourr. – 28s, *Bal. 2265;* 39r, *Bal. 6162*.
*Stellaria media* (L.) Vill. – 30n, *Bal. 6152.*
*Velezia rigida* L. – 9q, *Bal. 8805*.

*CHENOPODIACEAE*
*Chenopodium vulvaria* L. – 19u, *Bal. 2162.*

*CISTACEAE*
*Cistus creticus* subsp. *eriocephalus* (Viv.) Greuter & Burdet – 5a, *Bal. 8166;* 14r, *Bal. 8691;* 12d, *Bal. 8727*.
*Cistus salviifolius* L. – 12d, *Bal. 8728*.
*Fumana arabica* (L.) Spach – 26q, *Bal. 8621*.
*Fumana thymifolia* (L.) Webb – 26q, *Bal. 8620*.
*Helianthemum nummularium* (L.) Mill. subsp. *nummularium* – 2c, *Bal. 1862;* 5a, *Bal. 8187;* 31a, *Bal. s.n*.
*Helianthemum salicifolium* (L.) Mill. – 2c, *Bal. 1863;* 39r, *Bal. 6158;* 4c, *Bal. 8395*.
*Tuberaria guttata* (L.) Fourr. – 48p, *Bal. 8218*.

*CONVOLVULACEAE*
*Calystegia silvatica* (Kit.) Griseb. – 37r, *Bal. 2026;* 12d, *Bal. 8764.*
*Convolvulus arvensis* L. – 1c, *Bal. 2068;* 7o, *Bal. s.n.;* 4c, *Bal. s.n.*
*Convolvulus cantabrica* L. – 32r, *Bal. 1849;* 2c, *Bal. 1970;* 30r, *Bal. 8566;* 39r, *Bal. s.n.;* 33p, *Bal. s.n.*
*Convolvulus elegantissimus* Mill. – 2c, *Bal. 1971;* 2e, *Bal. 2524;* 4c, *Bal. 8365.*

*CRASSULACEAE*
*Sedum amplexicaule* subsp. *tenuifolium* (Sm.) Greuter – 43c, *Bal. 2107;* 2c, *Bal. 2549;* 7k, *Bal. 8083;* 4c, *Bal. 8383;* 12d, *Bal. 8719;* 22d, *Bal. s.n*.
*Sedum caespitosum* (Cav.) DC. – 4c, *Bal. 8384*.
*Sedum cepaea* L. – 28m, *Bal. 2628;* 34i, *Bal. 8475.*
*Sedum hispanicum* L. – 2b, *Bal. 1945;* 27q, *Bal. 8601.*
*Sedum laconicum* Boiss. & Heldr. subsp. *laconicum* – 2b, *Bal. 1946;* 43c, *Bal. 2125;* 4b, *Bal. 8382*.
*Sedum rubens* L. – 37r, *Bal. 1947;* 7n, *Bal. 8084;* 30r, *Bal. 8413;* 14r, *Bal. 8688*.
*Umbilicus chloranthus* Heldr. & Sartori ex Boiss. – 26t, *Bal. 8629*.

*Umbilicus horizontalis* (Guss.) DC. – 4b, *Bal. 8388;* 34i, *Bal. 8494*.
*Umbilicus rupestris* (Salisb.) Dandy – 34q, *Bal. 8523.*

*CUCURBITACEAE*
*Bryonia cretica* L. – 28r, *Bal. 2617.*
*Ecballium elaterium* (L.) A. Rich. – 26s, *Bal. obs.*

*DIPSACACEAE*
*Cephalaria ambrosioides* (Sm.) Roem. & Schult. – 27q, *Bal. 8612*.
*Knautia integrifolia* (L.) Bertol. *s.l.* – 2c, *Bal. 1848;* 32r, *Bal. 2640;* 7n, *Bal. 8098;* 6n, *Bal. 8116;* 5p, *Bal. 8203;* 48p, *Bal. 8249;* 4c, *Bal. 8391;* 12p, *Bal. 8767*.
*Pterocephalus plumosus* (L.) Coult. – 33p, *Bal. 8433*.

*ERICACEAE*
*Arbutus unedo* L. – 36j, *Bal. obs*.
*Erica arborea* L. – 36j, *Bal. obs*.

*EUPHORBIACEAE*
*Euphorbia apios* L. – 2c, *Bal. 1884;* 4c, *Bal. 8380*.
*Euphorbia helioscopia* L. – 2c, *Bal. 1883;* 32o, *Bal. 6115*.
*Euphorbia peplus* L. – 32r, *Bal. 6131*.
*Mercurialis annua* L. – 39r, *Bal. s.n.;* 45t, *Bal. obs.;* 28t, *Bal. obs.;* 26t, *Bal. obs.;* 15t, *Bal. obs*.

*FABACEAE*
*Anthyllis vulneraria* subsp. *rubriflora* (DC.) Arcang. – 2c, *Bal. 1813;* 42p, *Bal. 2113;* 5a, *Bal. 8157;* 9r, *Bal. 8826.*
*Astragalus depressus* L. subsp. *depressus* – 2c, *Bal. 1825;* 1c, *Bal. 2128;* 4c, *Bal. 8350.*
*Astragalus glycyphyllos* subsp. *glycyphylloides* (DC.) Maire & Petitm. – 22r, *Bal. 8635;* 12p, *Bal. 8750*.
*Astragalus hamosus* L. – 37r, *Bal. 2046;* 5r, *Bal. 8150*.
*Bituminaria bituminosa* (L.) C.H. Stirt. – 31r, *Bal. 6144;* 14r, *Bal. obs.;* 29r, *Bal. obs.;* 26r, *Bal. obs.*
*Calicotome villosa* (Poir.) Link – 34a, *Bal. 8502;* 36j, *Bal. obs.;* 31a, *Bal. obs.;* 27a, *Bal. obs.*
*Chamaecytisus hirsutus* (L.) Link *s.l.* – 40r, *Bal. 6175.*
*Coronilla scorpioides* (L.) W.D.J. Koch – 2c, *Bal. 1821;* 30r, *Bal. 8410;* 33p, *Bal. 8453;* 9r, *Bal. s.n*.
*Dorycnium herbaceum* Vill. – 42p, *Bal. 2118;* 12p, *Bal. 8723;* 22r, *Bal. obs*.
*Dorycnium hirsutum* (L.) Ser. – 37r, *Bal. 2037;* 34q, *Bal. 8538;* 22r, *Bal. obs.*
*Hippocrepis biflora* Spreng. – 30r, *Bal. 8411;* 9r, *Bal. 8825*.
*Hippocrepis emerus* subsp. *emeroides* (Boiss. & Spruner) Greuter & Burdet ex Lassen – 2c, *Bal. 1822;* 40a, *Bal. 6174;* 34a, *Bal. 8497;* 36j, *Bal. obs.;* 32a, *Bal. obs*.
*Hymenocarpos circinnatus* (L.) Savi – 7r, *Bal. 8071;* 30r, *Bal. 8402;* 22r, *Bal. 8641;* 31r, *Bal. s.n.;* 32r, *Bal. s.n.;* 12p, *Bal. s.n*.

*Lathyrus amphicarpos* L. – 2c, *Bal. 1817.*
*Lathyrus aphaca* L. – 37r, *Bal. 1762;* 42p, *Bal. 2110;* 2c, *Bal. 2532;* 14r, *Bal. 8672b;* 30r, *Bal. s.n.*
*Lathyrus digitatus* (M. Bieb.) Fiori – 2c, *Bal. 1811;* 9a, *Bal. 8831*.
*Lathyrus laxiflorus* (Desf.) Kuntze – 40a, *Bal. 6179;* 5a, *Bal. 8158;* 22d, *Bal. s.n*.
*Lathyrus niger* (L.) Bernh. – 12p, *Bal. 8763*.
*Lathyrus pratensis* L. – 14m, *Bal. 8650*.
*Lathyrus setifolius* L. – 47r, *Bal. 6201*.
*Lathyrus sphaericus* Retz. – 14r, *Bal. 8671;* 12p, *Bal. 8702;* 9q, *Bal. 8830*.
*Lens ervoides* (Brign.) Grande – 37r, *Bal. 1763;* 34p, *Bal. 8548;* 12p, *Bal. 8701*.
*Lotus angustissimus* L. – 48p, *Bal. 8219;* 12p, *Bal. 8753*.
*Lotus conimbricensis* Brot. – 30r, *Bal. 8568;* 14r, *Bal. 8679*.
*Lotus longisiliquosus* R. Roem. – 32r, *Bal. 2012;* 26r, *Bal. 8627*.
*Lotus ornithopodioides* L. – 30r, *Bal. 8409;* 9r, *Bal. 8829;* 37r, *Bal. s.n.;* 32o, *Bal. s.n*.
*Lotus tenuis* Willd. – 32r, *Bal. 2011;* 42m, *Bal. 2111;* 14m, *Bal. 8647*.
*Lupinus albus* subsp. *graecus* (Boiss. & Spruner) Franco & P.Silva – 22r, *Bal. 8639.*
*Medicago arabica* (L.) Huds. – 37r, *Bal. s.n.;* 7o, *Bal. 8067;* 6n, *Bal. 8129;* 5r, *Bal. 8179;* 8r, *Bal. s.n.;* 32o, *Bal. s.n*.
*Medicago coronata* (L.) Bartal. – 27r, *Bal. 8603;* 26q, *Bal. 8622*.
*Medicago lupulina* L. – 37r, *Bal. 1761;* 7r, *Bal. 8072;* 3r, *Bal. 8352;* 14r, *Bal. 8651;* 22r, *Bal. s.n.*
*Medicago minima* (L.) Bartal. – 37r, *Bal. s.n.;* 2c, *Bal. 1812;* 7r, *Bal. 8068;* 6n, *Bal. 8119;* 5r, *Bal. 8163;* 4c, *Bal. 8351;* 30r, *Bal. 8407;* 34p, *Bal. 8510;* 31r, *Bal. s.n.;* 48p, *Bal. s.n.;* 33p, *Bal. s.n.;* 30r, *Bal. s.n.;* 12p, *Bal. s.n.;* 9r, *Bal. s.n*.
*Medicago monspeliaca* (L.) Trautv. – 4c, *Bal. 8390*.
*Medicago orbicularis* (L.) Bartal. – 2c, *Bal. 1818;* 5p, *Bal. 8160;* 4c, *Bal. s.n*.
*Medicago polymorpha* L. – 6n, *Bal. 8118;* 5r, *Bal. 8162;* 34p, *Bal. 8498;* 14r, *Bal. 8681;* 10p, *Bal. 8797;* 48p, *Bal. s.n.;* 30o, *Bal. s.n.;* 12p, *Bal. s.n*.
*Medicago rigidula* (L.) All. – 2c, *Bal. 1820;* 7r, *Bal. 8069;* 5a, *Bal. 8161;* 48p, *Bal. 8227;* 4c, *Bal. 8354;* 12p, *Bal. s.n.*
*Medicago sativa* subsp. *falcata* (L.) Arcang. – 2c, *Bal. 1979;* 28s, *Bal. 8594*.
[*Medicago sativa* L. subsp. *sativa*] – 13r, *Bal. 8783*.
*Melilotus graecus* (Boiss. & Spruner) Lassen – 42p, *Bal. 2121;* 33p, *Bal. 8456;* 9r, *Bal. 8828;* 26q, *Bal. obs.*
*Melilotus indicus* (L.) All. – 14r, *Bal. 8649*.
*Melilotus italicus* (L.) Lam. – 34p, *Bal. 8477*.
*Melilotus neapolitanus* Ten. – 42p, *Bal. 2117;* 33p, *Bal. 8459;* 34p, *Bal. 8514*.
*Onobrychis aequidentata* (Sm.) d'Urv. – 33p, *Bal. 8461;* 26q, *Bal. 8617*.
*Onobrychis alba* subsp. *pentelica* (Hausskn.) Nyman – 2c, *Bal. 1819*.
*Onobrychis caput-galli* (L.) Lam. – 37r, *Bal. 1766b;* 48p, *Bal. 8225;* 12p, *Bal. 8703;* 30r, *Bal. s.n.*
*Ononis spinosa* subsp. *antiquorum* (L.) Arcang. – 32r, *Bal. 2018;* 2c, *Bal. 2529.*
*Ononis viscosa* subsp. *breviflora* (DC.) Nyman – 33p, *Bal. 8460.*
*Ornithopus compressus* L. – 14r, *Bal. 8678;* 12p, *Bal. s.n*.
*Scorpiurus muricatus* L. – 30r, *Bal. 8401;* 34p, *Bal. s.n.;* 9r, *Bal. s.n*.

*Securigera cretica* (L.) Lassen – 30r, *Bal. 8400;* 33p, *Bal. 8451*.
*Securigera securidaca* (L.) Degen & Dörfl. – 37r, *Bal. 1765;* 30r, *Bal. 8399;* 27r, *Bal. 8597.*
*Spartium junceum* L. – 48e, *Bal. obs.;* 36r, *Bal. obs*.
*Tetragonolobus purpureus* Moench – 30n, *Bal. 6150.*
*Trifolium angustifolium* L. – 42p, *Bal. 2114;* 6n, *Bal. 8123;* 33p, *Bal. 8457;* 34p, *Bal. 8549.*
*Trifolium arvense* L. – 12d, *Bal. 8697.*
*Trifolium aurantiacum* Boiss. & Spruner – 2c, *Bal. 1816;* 43p, *Bal. 2115;* 5a, *Bal. 8154;* 4c, *Bal. s.n.;* 12p, *Bal. s.n.*
*Trifolium campestre* Schreb. – 37r, *Bal. 1766a;* 34p, *Bal. 8513;* 14r, *Bal. 8674;* 12p, *Bal. 8730;* 43p, *Bal. s.n.;* 4c, *Bal. s.n.*
*Trifolium cherleri* L. – 3c, *Bal. 1975;* 5r, *Bal. 8152;* 48p, *Bal. 8221;* 4c, *Bal. 8347;* 30r, *Bal. 8405;* 34p, *Bal. s.n*.
*Trifolium dalmaticum* Vis. – 37r, *Bal. 2028*.
*Trifolium glomeratum* L. – 12d,p, *Bal. 8734;* ibid., *Bal. 8749.*
*Trifolium grandiflorum* Schreb. – 2c, *Bal. 1815;* 43p, *Bal. 2116;* 5a, *Bal. 8153;* 4c, *Bal. 8353*.
*Trifolium hirtum* All. – 12p, *Bal. 8700.*
*Trifolium lappaceum* L. – 32r, *Bal. 2019;* 33p, *Bal. 8458;* 30m, *Bal. 8567*.
*Trifolium leucanthum* M. Bieb. – 5a, *Bal. 8151;* 4c, *Bal. 8343;* 12p, *Bal. 8698;* 9q, *Bal. 8823*.
*Trifolium nigrescens* Viv. – 37m, *Bal. 1760;* 3c, *Bal. 1972a;* 5r, *Bal. 8155;* 48p, *Bal. 8224;* 4c, *Bal. 8345*.
*Trifolium ochroleucon* subsp. *roseum* (C. Presl) Lassen – 22r, *Bal. 8640;* 12d, *Bal. 8694*.
*Trifolium pallidum* Waldst. & Kit. – 37m, *Bal. 2030;* 19p, *Bal. 2518;* 7r, *Bal. 8065;* 48p, *Bal. 8223;* 33p, *Bal. 8455;* 12p, *Bal. 8732;* 14r, *Bal. s.n.*
*Trifolium patens* Schreb. – 14m, *Bal. 8645*.
*Trifolium physodes* M. Bieb. – 37m, *Bal. 1757;* 2c, *Bal. 1809;* 2e, *Bal. 1978;* 39a, *Bal. 6167;* 4c, *Bal. s.n.;* 30a, *Bal. s.n.;* 34p, *Bal. s.n*.
*Trifolium pignantii* Fauché & Chaub. – 22d, *Bal. 8633;* 12p, *Bal. 8693*.
*Trifolium pratense* L. – 37m, *Bal. 1759;* 42m, *Bal. 2119;* 28m, *Bal. 2626*.
*Trifolium repens* L. – 3c, *Bal. 1972b;* 37m, *Bal. 2027;* 42m, *Bal. 2120;* 7o, *Bal. 8066*.
*Trifolium resupinatum* L. subsp. *resupinatum* – 19u, *Bal. 2510;* 34m, *Bal. 8518;* 30m, *Bal. 8576;* 14r, *Bal. 8673*.
*Trifolium scabrum* L. – 5r, *Bal. 8156;* 48p, *Bal. 8226*.
*Trifolium stellatum* L. – 2c, *Bal. 1814;* 5p, *Bal. 8164;* 4c, *Bal. 8344;* 30r, *Bal. 8406;* 33p, *Bal. 8454;* 48p, *Bal. s.n*.
*Trifolium striatum* L. – 2c, *Bal. 1977;* 4c, *Bal. 8348;* 12p, *Bal. 8733;* 9q, *Bal. 8822.*
*Trifolium subterraneum* L. – 37r, *Bal. 1758;* 2c, *Bal. 1810;* 6n, *Bal. 8125;* 8r, *Bal. s.n.;* 48p, *Bal. 8228;* 4c, *Bal. 8346;* 12p, *Bal. 8755;* 12d, *Bal. s.n.*
*Trifolium tenuifolium* Ten. – 48p, *Bal. 8220;* 14f, *Bal. 8675.*
*Trifolium tomentosum* L. – 5p, *Bal. 8206;* 34p, *Bal. 8509.*
*Trigonella corniculata* (L.) L. *s.l.* – 42p, *Bal. 2122;* 9r, *Bal. 8827*.
*Trigonella gladiata* M. Bieb. – 2c, *Bal. 2561;* 9r, *Bal. 8821*.

*Tripodion tetraphyllum* (L.) Fourr. – 33p, *Bal. 8450*.
*Vicia angustifolia* L. – 31r, *Bal. 6140;* 5p, *Bal. 8159;* 34p, *Bal. 8517;* 14r, *Bal. 8646*.
*Vicia hybrida* L. – 37r, *Bal. 1764;* 2c, *Bal. 1827;* 39r, *Bal. 6160*.
*Vicia laeta* Ces. – 22r, *Bal. 8634*.
*Vicia lathyroides* L. – 2c, *Bal. 1824;* 4c, *Bal. 8355;* 12p, *Bal. 8780*.
*Vicia lutea* L. subsp. *lutea* – 14r, *Bal. 8672a.*
*Vicia melanops* Sm. – 28r, *Bal. 8833.*
*Vicia parviflora* Cav. – 9q, *Bal. 8819*.
*Vicia villosa* subsp. *eriocarpa* (Hausskn.) P.W. Ball – 42p, *Bal. 2112;* 30n, *Bal. 6156;* 6n, *Bal. 8117;* 14r, *Bal. 8648*.

*FAGACEAE*
*Quercus coccifera* L. – 39a, *Bal. obs.;* 4c, *Bal. s.n.;* 30a, *Bal. obs.;* 36j, *Bal. obs.;* 32a, *Bal. obs.;* 31a, *Bal. obs.;* 40a, *Bal. obs.;* 46a, *Bal. obs.;* 5a, *Bal. obs.;* 9a, *Bal. obs.;* 29a, *Bal. obs.;* 27a, *Bal. obs.;* 22a, *Bal. obs.;* 16a, *Bal. obs*.
*Quercus frainetto* Ten. – 22d, *Bal. 8632;* 14f, *Bal. 8689;* 12d, *Bal. 8716.*
*Quercus ilex* L. – 34a, *Bal. 8496*.
*Quercus pubescens* Willd. – 2e, *Bal. 1878;* 48e, *Bal. 8257;* 4c, *Bal. 8386;* 14f, *Bal. 8690;* 9a, *Bal. obs.;* 27a, *Bal. obs.;* 22a, *Bal. obs*.

*FUMARIACEAE*
*Corydalis solida* subsp. *incisa* Lidén – 2b, *Bal. 2287.*
*Fumaria officinalis* L. subsp. *officinalis* – 2c, *Bal. 1864;* 28t, *Bal. 8591*.

*GENTIANACEAE*
*Blackstonia perfoliata* (L.) Huds. subsp. *perfoliata* – 34p, *Bal. 8533*.
*Centaurium erythraea* Raf. subsp. *erythraea* – 12p, *Bal. 8714*.
*Centaurium tenuiflorum* (Hoffmanns. & Link) Fritsch subsp. *tenuiflorum* – 32r, *Bal. 2013.*

*GERANIACEAE*
*Erodium cicutarium* (L.) L'Hér. – 2c, *Bal. 1869;* 43c, *Bal. 2069;* 5p, *Bal. 8175;* 4c, *Bal. 8358*.
*Erodium malacoides* (L.) L'Hér. – 31r, *Bal. 6143*.
*Geranium asphodeloides* Burm. f. subsp. *asphodeloides* – 6k, *Bal. 8128;* 12d*, Bal. 8722.*
*Geranium brutium* Gasp. – 32o, *Bal. 6116;* 36r, *Bal. obs.;* 41r, *Bal. obs.;* 7r, *Bal. obs.;* 37r, *Bal. obs.;* 39o, *Bal. obs.;* 45s, *Bal. obs*.
*Geranium columbinum* L. – 31a, *Bal. 6139;* 39r, *Bal. 6163;* 6k, *Bal. 8126;* 7k, *Bal. s.n.;* 12p, *Bal. s.n.;* 9r, *Bal. s.n.*
*Geranium dissectum* L. – 37m, *Bal. 1777;* 32o, *Bal. 6117;* 12p, *Bal. 8758;* 7m, *Bal. s.n.*
*Geranium lucidum* L. – 2b, *Bal. 1871;* 32t, *Bal. 6124;* 4b, *Bal. s.n.;* 47t, *Bal. obs.*
*Geranium macrostylum* Boiss. – 2b, *Bal. 1872;* 4b, *Bal. 8361*.
*Geranium molle* L. – 31r, *Bal. 6147;* 6n, *Bal. 8127;* 4c, *Bal. 8359;* 5p, *Bal. s.n.*
*Geranium purpureum* Vill. – 37r, *Bal. 1778;* 32r, *Bal. 6129;* 30r, *Bal. s.n*.
*Geranium rotundifolium* L. – 7r, *Bal. 8051;* 45s, *Bal. obs*.

*HYPERICACEAE*
*Hypericum perforatum* L. *s.l.* – 32r, *Bal. 2634;* 14r, *Bal. 8684*.
*Hypericum perfoliatum* L. – 33p, *Bal. 8473*.

*LAMIACEAE*
*Acinos graveolens* (M. Bieb.) Link – 2c, *Bal. 1845;* 9r, *Bal. 8806*.
*Acinos suaveolens* (Sm.) Loudon – 43p, *Bal. 2060*.
*Ballota acetabulosa* (L.) Benth. – 3c, *Bal. 1989;* 4c, *Bal. 8336*.
*Calamintha nepeta* subsp. *glandulosa* (Req.) P.W. Ball – 28r, *Bal. 2134*.
*Clinopodium vulgare* subsp. *orientale* Bothmer – 42p, *Bal. 2124;* 2e, *Bal. 2567;* 5a, *Bal. 8186;* 12d, *Bal. 8729*.
*Lamium amplexicaule* L. – 2c, *Bal. 1843;* 41s, *Bal. 6191*.
*Lamium bifidum* Cirillo subsp. *bifidum* – 28s, *Bal. 2263;* 41s, *Bal. obs*.
*Lamium garganicum* subsp. *striatum* (Sm.) Hayek – 2b, *Bal. 1842;* 4b, *Bal. 8337*.
*Marrubium vulgare* L. – 7n, *Bal. 8103;* 15l, *Bal. obs*.
*Melissa officinalis* subsp. *altissima* (Sm.) Arcang. – 32o, *Bal. 6126;* 7k, *Bal. 8102;* 34m, *Bal. 8521;* 12p, *Bal. 8737*.
*Mentha spicata* subsp. *condensata* (Briq.) Greuter & Burdet – 32m, *Bal. 2635;* 7m, *Bal. 8105*.
*Micromeria juliana* (L.) Rchb. – 32a, *Bal. 2021;* 2b, *Bal. 2575;* 33p, *Bal. 8449;* 26q, *Bal. 8619;* 5a, *Bal. s.n.;* 30a, *Bal. s.n.;* 9r, *Bal. s.n.*
*Origanum vulgare* subsp. *hirtum* (Link) A. Terracc. – 19r, *Bal. 2164;* 3c, *Bal. 2572;* 7r, *Bal. 8104*.
*Phlomis fruticosa* L. – 36r, *Bal. obs.;* 32n, *Bal. obs.;* 46a, *Bal. obs.;* 8a, *Bal. obs.;* 27a, *Bal. obs.*
*Phlomis samia* L. – 4c, *Bal. 8339;* 12d, *Bal. 8712;* 9a, *Bal. obs.*
*Prunella laciniata* (L.) L. – 43p, *Bal. 2057;* 3c, *Bal. 2527;* 6r, *Bal. 8143;* 5p, *Bal. 8148;* 12p, *Bal. 8724*.
*Salvia fruticosa* Mill. – 34a, *Bal. 8491*.
*Salvia pomifera* subsp. *calycina* (Sm.) Hayek – 32q, *Bal. 2020;* 27q, *Bal. 8595*.
*Salvia verbenaca* L. – 41s, *Bal. 6192;* 26r, *Bal. 8614;* 13r, *Bal. 8785;* 9r, *Bal. 8818*.
*Salvia verticillata* L. subsp. *verticillata* – 33p, *Bal. 8438;* 26r, *Bal. 8616.*
*Salvia virgata* Jacq. – 32r, *Bal. 1844*.
*Salvia viridis* L. – 30n, *Bal. 8572*.
*Scutellaria rupestris* subsp. *parnassica* (Boiss.) Greuter & Burdet – 30r, *Bal. 8414;* 33p, *Bal. 8448*.
*Sideritis purpurea* Talbot ex Benth. – 7r, *Bal. 8101;* 33q, *Bal. 8439;* 9q, *Bal. 8807*.
*Stachys graeca* Boiss. & Heldr. – 9r, *Bal. 8808.*
*Stachys spinulosa* Sm. – 37r, *Bal. 1769;* 33p, *Bal. 8436*.
*Teucrium capitatum* L. subsp. *capitatum* – 2c, *Bal. 2573;* 48p, *Bal. 8251;* 33p, *Bal. s.n.;* 30r, *Bal. s.n.*
*Teucrium chamaedrys* L. subsp. *chamaedrys* – 2c, *Bal. 2574;* 4c, *Bal. 8338;* 26q, *Bal. 8618.*
*Teucrium flavum* subsp. *hellenicum* Rech. f. – 33q, *Bal. 8437.*
*Teucrium scordium* L. subsp. *scordioides* (Schreb.) Arcang. – 34m, *Bal. 8516*.
*Thymbra capitata* (L.) Cav. – 36r, *Bal. 2645*.
*Thymus longicaulis* subsp. *chaubardii* (Rchb. f.) Jalas – 2c, *Bal. 1953;* 43c, *Bal. 2053;* 4c, *Bal. 8340.*

*LAURACEAE*
*Laurus nobilis* L. – 34a, *Bal. 8535*.

*LINACEAE*
*Linum bienne* Mill. – 28r, *Bal. s.n.*
*Linum corymbulosum* Rchb. – 2c, *Bal. 2543;* 30r, *Bal. 8412;* 33p, *Bal. 8426*.
*Linum pubescens* subsp. *sibthorpianum* (Margot & Reut.) P.H. Davis – 33p, *Bal. 8427;* 12p, *Bal. 8735*.

*LORANTHACEAE*
*Loranthus europaeus* Jacq. – 2e, *Bal. 2523* parasitize on *Quercus pubescens*.

*LYTHRACEAE*
*Lythrum junceum* Banks & Sol. – 37m, *Bal. 1770*.

*MALVACEAE*
*Alcea biennis* subsp. *cretica* (Weinm.) Valdés – 32r, *Bal. 2631*.
*Malva neglecta* Wallr. – 5r, *Bal. 8165*.
*Malva setigera* Schimp. & Spenn. – 33p, *Bal. 8432;* 9q, *Bal. 8811*.
*Malva sylvestris* L. – 28r, *Bal. 8837;* 24r, *Bal. obs.;* 14r, *Bal. obs*.
*Malva unguiculata* (Desf.) Alef. – 34p, *Bal. 8484*.

*MOLLUGINACEAE*
*Glinus lotoides* L. – 19u, *Bal. 2159*.
This is a rare species in Greece and particularly in Peloponnisos where it has been registered only in one locality near Kalamata (Strid & Tan 1997, dot maps).

*MORACEAE*
*Ficus carica* L. subsp. *carica* – 28s, *Bal. obs.;* 26s, *Bal. obs.*

*NYCTAGINACEAE*
[*Mirabilis jalapa* L.] – 28s, *Bal. obs*.

*OLEACEAE*
*Fraxinus ornus* L. – 40a, *Bal. 6173;* 34a, *Bal. 8495;* 32a, *Bal. obs.;* 22a, *Bal. obs.;* 12d, *Bal. obs*.
*Phillyrea latifolia* L. – 2e, *Bal. 2521;* 40a, *Bal. 6182;* 34a, *Bal. 8540;* 5a, *Bal. s.n.;* 31a, *Bal. obs.;* 9a, *Bal. obs.;* 29a, *Bal. obs.;* 27a, *Bal. obs.;* 22a, *Bal. obs*.

*ONAGRACEAE*
*Epilobium lanceolatum* Sebast. & Mauri – 19m, *Bal. 2165*.

*OROBANCHACEAE*
*Bellardia latifolia* (L.) Cuatrec. subsp. *latifolia* – 31r, *Bal. 6134*.

*Orobanche minor* Sm. – 7r, *Bal. 8053*.
*Phelipanche nana* (Reut.) Soják – 7r, *Bal. 8054*.

*PAPAVERACEAE*
*Papaver apulum* Ten. – 4c, *Bal. 8364*.
*Papaver rhoeas* L. – 2c, *Bal. 1882;* 26s, *Bal. 8628;* 14r, *Bal. 8664*.

*PLANTAGINACEAE*
*Plantago afra* L. – 31r, *Bal. 6137;* 33p, *Bal. 8463;* 27r, *Bal. 8602.*
*Plantago bellardii* All. subsp. *bellardii* – 48p, *Bal. 8216;* 12p, *Bal. 8773*.
*Plantago lagopus* L. subsp. *lagopus* – 31r, *Bal. 6138;* 34p*, Bal. 8476*.
*Plantago lanceolata* L. – 2c, *Bal. 1867;* 19u, *Bal. 2519;* 5r, *Bal. 8176;* 30m, *Bal. 8562.*

*PLATANACEAE*
*Platanus orientalis* L. – 41k, *Bal. obs.;* 7k, *Bal. obs.;* 36k, *Bal. obs.;* 48k, *Bal. obs.;* 49k*, Bal. obs.;* 28k, *Bal. obs.*

*PLUMBAGINACEAE*
*Armeria canescens* (Host) Boiss. – 2c, *Bal. 1948*.
*Plumbago europaea* L. – 28r, *Bal. 2132*.

*POLYGALACEAE*
*Polygala monspeliaca* L. – 2c, *Bal. 2556*.

*POLYGONACEAE*
*Polygonum arenastrum* Boreau – 28s, *Bal. 2145*.
*Rumex bucephalophorus* L. subsp. *bucephalophorus* – 12p, *Bal. 8771*.
*Rumex conglomeratus* Murray – 37m, *Bal. 2035;* 42m, *Bal. 2092;* 28m, *Bal. 2629*.
*Rumex conglomeratus* x *Rumex pulcher* – 37m, *Bal. 2033*.
*Rumex cristatus* DC. – 28m, *Bal. 8585*.
*Rumex obtusifolius* L. *s.l.* – 37m, *Bal. 1776*.
*Rumex pulcher* L. subsp. *pulcher* – 4c, *Bal. 8357*.
*Rumex pulcher* L. *s.l.* – 19u, *Bal. 2516;* 7r, *Bal. 8086*.
*Rumex tuberosus* L. subsp. *tuberosus* – 2c, *Bal. 1954;* 4c, *Bal. 8393*.
*Rumex tuberosus* L. *s.l.* – 2c, *Bal. 1876*.

*PORTULACACEAE*
*Portulaca oleracea* L. *s.l.* – 28s, *Bal. 2143*.

*PRIMULACEAE*
*Anagallis arvensis* L. – 37r, *Bal. s.n.;* 33p, *Bal. 8447;* 12p, *Bal. 8776*.
*Cyclamen hederifolium* Sol. ex Aiton *s.l.* – 30a, *Bal. 2147;* 34a, *Bal. 8555;* 40a, *Bal. s.n.;* 7k, *Bal. s.n.;* 12d, *Bal. s.n.*
*Lysimachia atropurpurea* L. – 36r, *Bal. 1850;* 33p, *Bal. 8428;* 14r, *Bal. obs.*
*Samolus valerandi* L. – 34m, *Bal. 8519*.

*RANUNCULACEAE*

*Anemone apennina* subsp. *blanda* (Schott & Kotschy) Nyman – 2c,e, *Bal. 2286;* 40a, *Bal. 6184;* 46a, *Bal. obs*.

*Clematis vitalba* L. – 28r, *Bal. 2620;* 7k, *Bal. s.n*.

*Consolida ajacis* (L.) Schur – 8a, *Bal. 8210;* 30n, *Bal. 8570;* 13r, *Bal. 8784*.

*Delphinium hellenicum* Pawl. – 30r, *Bal. 2652*.

*Ficaria* cf. *ficarioides* (Bory & Chaub.) Halácsy – 2c, *Bal. 2278*.

*F. ficarioides* is generally distinct from *F. verna*, but apparently intermediate plants have been observed, e.g., on Mt Klokos in N Peloponnisos, and it is possible they hybridise in areas of contact (Strid 2002). It seems that the above mentioned specimen belongs to this category.

*Ficaria verna* Huds. *s.l.* – 2c, Bal. 2277.

*Helleborus odorus* subsp. *cyclophyllus* (A. Braun) Maire & Petitm. – 2e, *Bal. 2302*.

To my knowledge this is the southernmost locality of this Balkan endemic.

*Nigella damascena* L. – 2c, *Bal. 2010;* 7n, *Bal. 8062;* 33p, *Bal. 8464;* 8r, *Bal. s.n*.

*Ranunculus chius* DC. – 34p, *Bal. 8528*.

*Ranunculus gracilis* E.D. Clarke – 2c, *Bal. 1873;* 39a, *Bal. 6166;* 40q, *Bal. 6176;* 5a, *Bal. 8181*.

*Ranunculus muricatus* L. – 34m, *Bal. 8527;* 30r, *Bal. 8577.*

*Ranunculus neapolitanus* Ten. – 37m, *Bal. 1767;* 22r, *Bal. 8638;* 9r, *Bal. 8810*.

*Ranunculus paludosus* Poir. – 28r, *Bal. 8834*.

*Ranunculus psilostachys* Griseb. – 2c, *Bal. 1874;* 4c, *Bal. 8371*.

*Ranunculus sardous* Crantz – 19u, *Bal. 2512;* 35m, *Bal. 6112;* 7m, *Bal. 8063.*

*Ranunculus sprunerianus* Boiss. – 2c, *Bal. 1875*.

*Ranunculus velutinus* Ten. – 6k, *Bal. 8133;* 12d, *Bal. 8742;* 10g, *Bal. 8789.*

*RHAMNACEAE*

*Paliurus spina-christi* Mill. – 37r, *Bal. 2045*.

*Rhamnus saxatilis* subsp. *prunifolia* (Sm.) Aldén – 4c, *Bal. 8375*.

*ROSACEAE*

*Agrimonia eupatoria* L. subsp. *eupatoria* – 12d, *Bal. 8715.*

*Aremonia agrimonoides* (L.) DC. *s.l.* – 40a, *Bal. 6177;* 5a, *Bal. 8168;* 22d, *Bal. 8637;* 12d, *Bal. 8740*.

*Crataegus heldreichii* Boiss. – 2c, *Bal. 1877;* 1c, *Bal. 2083;* 4c, *Bal. 8374*.

*Crataegus monogyna* Jacq. – 2e, *Bal. 2607;* 39a, *Bal. 6165;* 12d, *Bal. 8711*.

*Geum urbanum* L. – 6k, *Bal. 8124*.

*Potentilla micrantha* DC. – 2e, *Bal. 2301*.

*Potentilla reptans* L. – 19u, *Bal. 2517;* 14m, *Bal. 8663*.

*Prunus mahaleb* L. – 7k, *Bal. 8100;* 22d, *Bal. 8631*.

*Pyrus spinosa* Forssk. – 2e, *Bal. 2605;* 36r, *Bal. obs.;* 46n, *Bal. obs.;* 48e, *Bal. obs.*

*Rosa canina* L. – 12d, *Bal. 8761.*

*Rosa pulverulenta* M. Bieb. – 1c, *Bal. 2059*.

*Rosa sempervirens* L. – 37r, *Bal. 2034*.

*Rubus sanctus* Schreb. – 28r, *Bal. 2625.*
*Sanguisorba minor* subsp. *balearica* (Nyman) Muñoz Garm. & C. Navarro – 37r, *Bal. s.n*.

*RUBIACEAE*
*Crucianella angustifolia* L. – 1c, *Bal. 2106;* 2c, *Bal. 2570;* 4c, *Bal. 8367;* 12p, *Bal. s.n.*
*Crucianella latifolia* L. – 37r, *Bal. 1789b;* 34p, *Bal. 8488*.
*Cruciata laevipes* Opiz – 42p, *Bal. 2096;* 7r, *Bal. 8099;* 45s, *Bal. obs.*
*Cruciata pedemontana* (Bellardi) Ehrend. – 2c, *Bal. 1805*.
*Galium aparine* L. – 7n, *Bal. 8112;* 28r, *Bal. 8588.*
*Galium capitatum* Bory & Chaub. – 2c, *Bal. 1808*.
*Galium intricatum* Margot & Reut. – 2c, *Bal. 1957;* 7r, *Bal. 8111;* 5a, *Bal. 8170;* 34p, *Bal. 8520*.
*Galium murale* (L.) All. – 28t, *Bal. 8590b*.
*Galium peloponnesiacum* Ehrend. & Krendl – 2c, *Bal. 1806;* 2c, *Bal. 1955;* 43c, *Bal. 2094*.
*Galium tenuissimum* M. Bieb. – 43c, *Bal. 2091*.
*Galium verticillatum* Danthoine – 2b, *Bal. 1804;* 43c, *Bal. 2072;* 4b, *Bal. 8389.*
*Galium verum* L. subsp. *verum* – 8r, *Bal. 8209;* 14r, *Bal. 8666*.
*Rubia peregrina* L. – 34a, *Bal. 8554*.
*Sherardia arvensis* L. – 37r, *Bal. 1789a;* 2c, *Bal. 1807;* 31r, *Bal. s.n.;* 32o, *Bal. s.n.;* 7n, *Bal. s.n.;* 6n, *Bal. s.n.;* 5p, *Bal. s.n.;* 8r, *Bal. s.n.;* 48p, *Bal. s.n.;* 4c, *Bal. s.n.;* 33p, *Bal. s.n.;* 9r, *Bal. s.n*.
*Theligonum cynocrambe* L. – 7r, *Bal. 8094;* 32o, *Bal. s.n.;* 41t, *Bal. s.n.;* 34p, *Bal. s.n.;* 28t, *Bal. obs*.

*SALICACEAE*
*Salix alba* L. – 14m, *Bal. 8661*.

*SANTALACEAE*
*Osyris alba* L. – 36j, *Bal. 1772*.

*SAXIFRAGACEAE*
*Saxifraga hederacea* L. – 41t, *Bal. 6188*.
*Saxifraga rotundifolia* L. *s.l.* – 4b, *Bal. 8362*.
*Saxifraga tridactylites* L. – 47t, *Bal. 6205*.

*SCROPHULARIACEAE*
*Scrophularia canina* subsp. *bicolor* (Sm.) Greuter – 7r, *Bal. 8056;* 44r, *Bal. obs.;* 29r, *Bal. obs.;* 27r, *Bal. obs*.
*Scrophularia peregrina* L. – 47s, *Bal. 6207*.
*Verbascum daenzeri* (Fauché & Chaub.) Kuntze – 12q, *Bal. 8739*.
*Verbascum macrurum* Ten. – 30r, *Bal. 2150;* 43p, *Bal. obs.;* 29r, *Bal. obs.*

*SIMAROUBACEAE*
[*Ailanthus altissima* (Mill.) Swingle] – 15r, *Bal. obs.;* 17r, *Bal. obs*.

*ULMACEAE*
*Ulmus minor* Mill. subsp. *minor* – 48k, *Bal. 6198*.

*URTICACEAE*
*Parietaria judaica* L. – 45t, *Bal. obs.;* 28t, *Bal. obs.;* 26t, *Bal. obs.;* 15s, *Bal. obs.*
*Urtica dioica* L. – 28r, *Bal. 2618;* 7k, *Bal. 8113;* 4c, *Bal. 8392;* 41n, *Bal. obs.;* 44s, *Bal. obs.;* 47n, *Bal. obs.;* 6k, *Bal. obs*.

*VALERIANACEAE*
*Centranthus ruber* subsp. *sibthorpii* (Boiss.) Hayek – 34i, *Bal. 8499*.
*Valeriana italica* Lam. – 2b, *Bal. 1860;* 9q, *Bal. 8814*.
*Valerianella dentata* (L.) Pollich – 48p, *Bal. 8256;* 34p, *Bal. 8534*.
*Valerianella discoidea* (L.) Loisel. – 2c, *Bal. 1880*.
*Valerianella echinata* (L.) DC. – 2c, *Bal. 1879;* 4c, *Bal. 8331*.
*Valerianella eriocarpa* Desv. – 9r, *Bal. 8816*.
*Valerianella turgida* (Steven) Betcke – 2c, *Bal. 1881;* 4c, *Bal. 8330*.

*VERBENACEAE*
*Verbena officinalis* L. – 28m, *Bal. 8584*.

*VERONICACEAE*
[*Antirrhinum majus* L. *s.l.*] – 44s, *Bal. obs.;* 28s, *Bal. obs.;* 26s, *Bal. obs.*
[*Cymbalaria muralis* G. Gaertn., B. Mey. & Scherb. subsp. *muralis*] – 28t, *Bal. 8590a.*
*Digitalis laevigata* subsp. *graeca* (Ivanina) Werner – 5p, *Bal. 8182;* 34p, *Bal. 8489*.
*Kickxia elatine* subsp. *crinita* (Mabille) Greuter – 30r, *Bal. 8569;* 26r, *Bal. 8625*.
*Linaria pelisseriana* (L.) Mill. – 48p, *Bal. 8232.*
*Linaria simplex* Desf. – 4c, *Bal. 8332*.
*Veronica anagallis-aquatica* L. subsp. *anagallis-aquatica* – 35m, *Bal. 6113;* 34m, *Bal. 8531*.
*Veronica arvensis* L. – 32r, *Bal. 6132;* 41s, *Bal. 6193;* 5r, *Bal. 8171*.
*Veronica chamaedrys* subsp. *chamaedryoides* (Bory & Chaub.) M.A. Fisch. – 12d, *Bal. 8713;* 10g, *Bal. 8790*.
*Veronica cymbalaria* Bodard – 47t, *Bal. 6206.*
*Veronica glauca* subsp. *chaubardii* (Boiss. & Reut.) Maire & Petitm. – 2c, *Bal. 1865;* 43c, *Bal. 2079;* 4c, *Bal. 8335*.
*Veronica hederifolia* L. – 2c, *Bal. 2281.*
[*Veronica persica* Poir.] – 28r, *Bal. 2229;* 32o, *Bal. 6118;* 41s, *Bal. 6195.*
*Veronica triloba* (Opiz) Opiz – 41s, *Bal. 6194.*

*VIOLACEAE*
*Viola kitaibeliana* Schult. – 2c, *Bal. 1888*.
*Viola odorata* L. – 2e, *Bal. 2300*.
*Viola phitosiana* Erben – 2c, *Bal. 2299*.

*ZYGOPHYLLACEAE*
*Tribulus terrestris* L. – 28s, *Bal. 2142.*

MONOCOTYLEDONES

*ALISMATACEAE*
*Alisma plantago-aquatica* L. – 37m, *Bal. 2032*.

*ALLIACEAE*
*Allium amethystinum* Tausch – 34p, *Bal. 8465;* 27q, *Bal. 8596*.
*Allium ampeloprasum* L. – 32r, *Bal. 2633;* 13r, *Bal. 8782*.
*Allium chamaespathum* Boiss. – 30a, *Bal. 2148*.
*Allium flavum* subsp. *tauricum* (Besser ex Rchb.) K. Richt. – 2c, *Bal. 2568*.
*Allium guttatum* subsp. *tenorei* (Parl.) Soldano – 2c, *Bal. 2565*.
*Allium subhirsutum* L. subsp. *subhirsutum* – 34a, *Bal. 8492*.

*AMARYLLIDACEAE*
*Galanthus reginae-olgae* subsp. *vernalis* Kamari – 2e, *Bal. 2298*.
*Sternbergia lutea* (L.) Spreng. subsp. *lutea* – 30r, *Bal. 2129;* 2c, *Bal. 2294.*

*ARACEAE*
*Arum italicum* Mill. subsp. *italicum* – 7k, *Bal. 8037.*

*ASPARAGACEAE*
*Asparagus acutifolius* L. – 2e, *Bal. 2520;* 30a, *Bal. 6153;* 7k, *Bal. 8087.*

*ASPHODELACEAE*
*Asphodeline lutea* (L.) Rchb. – 34i, *Bal. 8500*.
*Asphodelus ramosus* L. subsp. *ramosus* – 37m, *Bal. 1775;* 32r, *Bal. 2643;* 39a, *Bal. 6170;* 30n, *Bal. 8565;* 14r, *Bal. obs*.

All the above mentioned specimens belong to var. *nervosus* (Pomel) Z. Díaz & Valdés. Their large fruits, 10-12 × 8-9 mm (*Bal. 2643*), 9-10 x 7-9 mm (*Bal. 1775*) meet the size expected in *A. nervosus* Pomel (= *A. messeniacus* Heldr. ex Halácsy). Var. *nervosus* occurs also in Mt Likeo (*Bal. 6110*, with fruits 9-10 × 8 mm and length of tepals up to 13-14 mm). It covers also the area between the two mountains (*Bal. obs.*). These specimens confirm the expected distribution of this variety in Greece (Díaz Lifante, *in litt*.). The fruits are larger than those in specimens from Mt Pendelikon (Baliousis 2011) in Attiki, with fruits of 5.5-7.5 × 4-7 mm, which correspond to the var. *ramosus* (= *A. microcarpus* Viv.), as it was delimited in the revision of the genus *Asphodelus* (Díaz Lifante & Valdés 1996).

*CYPERACEAE*
*Carex distachya* Desf. – 2c, *Bal. 1901*.
*Carex distans* L. – 14m, *Bal. 8655*.
*Carex flacca* subsp. *serrulata* (Spreng.) Greuter – 37m, *Bal. 1782;* 2c, *Bal. 2594;* 12d, *Bal. 8731*.
*Carex otrubae* Podp. – 37m, *Bal. 2042;* 14m, *Bal. 8652*.
*Cyperus fuscus* L. – 19u, *Bal. 2158*.

*Cyperus longus* L. *s.l.* – 37m, *Bal. 2043;* 32m, *Bal. 2638;* 28m, *Bal. 8580*.
*Scirpoides holoschoenus* (L.) Soják – 37m, *Bal. 2044;* 42m, *Bal. 2095;* 32m, *Bal. 2642;* 28m, *Bal. 8582;* 14m, *Bal. 8654*.

*DIOSCOREACEAE*
*Dioscorea communis* (L.) Caddick & Wilkin – 6k, *Bal. 8131;* 10p, *Bal. 8792*.

*HYACINTHACEAE*
*Bellevalia dubia* subsp. *boissieri* (Freyn) Feinbrun – 2c, *Bal. 1853;* 32r, *Bal. s.n.*
*Drimia numidica* (Jord. & Fourr.) J.C. Manning & Goldblatt – 31r, *Bal. obs.;* 39a, *Bal. obs.;* 36r, *Bal. obs.;* 27r, *Bal. obs*.
*Muscari comosum* (L.) Mill. – 7r, *Bal. 8088;* 4c, *Bal. 8325*.
*Muscari neglectum* Guss. ex Ten. – 2c, *Bal. 1852;* 30r, *Bal. s.n.*
*Ornithogalum collinum* Guss. subsp. *collinum* – 30a, *Bal. 2256;* 32o, *Bal. s.n.;* 39o, *Bal. obs*.
*Ornithogalum fimbriatum* subsp. *gracilipes* (Zahar.) Landström – 2c, *Bal. 2293;* 4c, *Bal. 8329.*
*Ornithogalum montanum* Ten. – 2c, *Bal. 1851;* 4c, *Bal. 8328*.
*Ornithogalum nutans* L. – 4c, *Bal. 8327*.
*Ornithogalum prasinantherum* Zahar. – 14r, *Bal. 8692*.
*Ornithogalum sibthorpii* Greuter – 30a, *Bal. 2231*.
*Prospero autumnale* (L.) Speta – 30a, *Bal. 2131*.
*Scilla nivalis* L. *s.l.* – 2c,e, *Bal. 2289.*

*IRIDACEAE*
*Crocus cancellatus* subsp. *mazziaricus* (Herb.) B. Mathew – 2c, *Bal. 2295;* 4c, *Bal. 8341.*
*Crocus hadriaticus* Herb. – 30r, *Bal. 2130*.
*Crocus nivalis* Bory & Chaub. – 2c,e, *Bal. 2297*.
*Crocus olivieri* J. Gay subsp. *olivieri* – 2c, *Bal. 2296*.
*Gladiolus italicus* Mill. – 32n, *Bal. 8839*.
[*Iris germanica* L.] – 28n, *Bal. obs.*
*Iris tuberosa* L. – 30a, *Bal. obs*.
*Iris unguicularis* subsp. *carica* (Wern. Schultze) A.P. Davis & Jury – 30r, *Bal. 2239;* 40r, *Bal. 6180*.
*Romulea linaresii* subsp. *graeca* Bég. – 30a, *Bal. 2230*.

*JUNCACEAE*
*Juncus bufonius* L. – 30m, *Bal. 8561;* 14r, *Bal. 8685*.
*Juncus inflexus* L. – 42m, *Bal. 2093;* 34m, *Bal. 8512;* 28m, *Bal. 8581;* 14m, *Bal. 8653.*
*Luzula forsteri* (Sm.) DC. *s.l.* – 40a, *Bal. 6183;* 5a, *Bal. 8177;* 12d, *Bal. 8721;* 10g, *Bal. 8788*.

*LILIACEAE*
*Gagea amblyopetala* Boiss. & Heldr. – 2c, *Bal. 2291*.
*Gagea bohemica* (Zauschn.) Schult. & Schult. f. – 2c, *Bal. 2292*.
*Gagea graeca* (L.) Irmisch – 36r, *Bal. 6208*.
*Gagea villosa* (M. Bieb.) Sweet – 2c, *Bal. 2290*.

*ORCHIDACEAE*
*Anacamptis coriophora* subsp. *fragrans* (Pollini) R.M. Bateman, Pridgeon & M.W. Chase – 30r, *Bal. 8574*.
*Anacamptis laxiflora* (Lam.) R.M. Bateman, Pridgeon & M.W. Chase subsp. *laxiflora* – 14r, *Bal. 8665*.
*Anacamptis pyramidalis* (L.) Rich. – 20r, *Bal. 8642;* 8r, *Bal. obs.;* 14r, *Bal. obs.;* 33p, *Bal. obs.;* 22r, *Bal. obs.*
*Epipactis helleborine* (L.) Crantz subsp. *helleborine* – 14f, *Bal. 8670;* 12d, *Bal. 8704*.
*Ophrys lutea* subsp. *galilaea* (H. Fleischm. & Bornm.) Soó – 30a, *Bal. obs*.

*POACEAE*
*Achnatherum bromoides* (L.) P. Beauv. – 32a, *Bal. 2641;* 34p, *Bal. 8541*.
*Aegilops biuncialis* Vis. subsp. *biuncialis* – 2c, *Bal. 2001a;* ibid., *Bal. 2587;* 5p, *Bal. 8198b;* 4c, *Bal. 8258b;* 33p, *Bal. 8443b*.
*Aegilops comosa* Sm. subsp. *comosa* – 2c, *Bal. 2001c;* ibid., *Bal. 2588;* 6n, *Bal. 8140a;* 5p, *Bal. 8198a;* 33p, *Bal. 8443a;* 9r, *Bal. 8832*.
*Aegilops markgrafii* (Greuter) Hammer – 34p, *Bal. 8508*.
*Aegilops neglecta* Bertol. subsp. *neglecta* – 2c, *Bal. 2586;* 32r, *Bal. 2637;* 7n, *Bal. 8047;* 8a, *Bal. 8211;* 4c, *Bal. 8258a;* 33p, *Bal. 8442;* 12p, *Bal. 8762*.
*Aegilops triuncialis* L. subsp. *triuncialis* – 2c, *Bal. 2001b;* ibid., *Bal. 2589;* 7n, *Bal. 8046;* 6n, *Bal. 8140b;* 33p, *Bal. 8441;* 12p, *Bal. 8759*.
*Aira elegantissima* Schur – 5a, *Bal. 8194;* 4c, *Bal. 8309*.
*Alopecurus myosuroides* Huds. – 41s, *Bal. 6196*.
*Alopecurus rendlei* Eig – 7r, *Bal. 8045;* 14m, *Bal. 8660*.
*Anthoxanthum odoratum* L. – 48k, *Bal. 8245;* 12d, *Bal. 8720*.
*Avena barbata* Link subsp. *barbata* – 14r, *Bal. 8657;* 12p, *Bal. 8747*.
*Avena sterilis* subsp. *ludoviciana* (Durieu) Gillet & Magne – 28r, *Bal. 8589;* 37r, *Bal. s.n.*
*Brachypodium glaucovirens* (Murb.) Sagorski – 28m, *Bal. 2623*.
*Brachypodium retusum* (Pers.) P. Beauv. – 2c, *Bal. 1998;* 43c, *Bal. 2087;* 42c, *Bal. 2102;* 5a, *Bal. s.n.;* 4c, *Bal. 8275;* 34a, *Bal. s.n*.
*Brachypodium sylvaticum* (Huds.) P. Beauv. subsp. *sylvaticum* – 37m, *Bal. 2041;* 7k, *Bal. 8041;* 12d, *Bal. 8709*.
*Briza humilis* M. Bieb. – 4b, *Bal. 8271*.
*Briza maxima* L. – 37r, *Bal. 1784;* 7n, *Bal. s.n.;* 49r, *Bal. obs.*
*Bromus alopecuros* Poir. *s.l.* – 37r, *Bal. 1787;* 7r, *Bal. 8040;* 30r, *Bal. 8417.*
*Bromus hordeaceus* subsp. *mediterraneus* (H. Scholz & F.M. Vázquez) H. Scholz – 2c, *Bal. 1992*.
*Bromus intermedius* Guss. subsp. *intermedius* – 37r, *Bal. 1788;* 43c, *Bal. 2103;* 2c, *Bal. 2577;* 5a, *Bal. 8193;* 4c, *Bal. 8273;* 12p, *Bal. 8774.*
*Bromus madritensis* L. *s.l.* – 2c, *Bal. 1898;* 5p, *Bal. 8197*.
*Bromus parvispiculatus* H. Scholz – 2c, *Bal. 1892*.
A recently described species. In Peloponnisos it has been registered from a few localities of its northern parts. The species is certainly undercollected (Scholz 2008).
*Bromus scoparius* L. – 48p, *Bal. 8236*.
*Bromus squarrosus* L. subsp. *squarrosus* – 2c, *Bal. 1994;* 43c, *Bal. 2086;* 4c, *Bal. 8274.*

*Bromus sterilis* L. – 2c, *Bal. 1996;* 43c, *Bal. 2085;* 7n, *Bal. 8050;* 48p, *Bal. s.n.;* 4c, *Bal. 8269;* 34p, *Bal. 8506;* 14r, *Bal. 8659*.
*Bromus tectorum* L. – 2c, *Bal. 1899;* 43p, *Bal. 2054;* 4c, *Bal. 8264*.
*Catapodium rigidum* (L.) C.E. Hubb. – 2c, *Bal. 1997;* 5p, *Bal. 8195;* 34p, *Bal. 8543;* 4c, *Bal. s.n.;* 33p, *Bal. s.n.;* 30r, *Bal. s.n.*
*Crypsis alopecuroides* (Piller & Mitterp.) Schrad. – 19u, *Bal. 2157*.
This is the first record of this species from Peloponnisos.
*Crypsis schoenoides* (L.) Lam. – 19u, *Bal. 2156*.
*Cynosurus echinatus* L. – 2c, *Bal. 1897;* 7n, *Bal. 8039;* 30r, *Bal. 8418;* 33p, *Bal. s.n.;* 34p, *Bal. s.n.;* 30n, *Bal. s.n.*
*Cynosurus effusus* Link – 5a, *Bal. 8200;* 4c, *Bal. 8276*.
*Dactylis glomerata* subsp. *hispanica* (Roth) Nynan – 2c, *Bal. 1900;* 4c, *Bal. 8262;* 12d, *Bal. s.n.*
*Dasypyrum villosum* (L.) P. Candargy – 43p, *Bal. 2084;* 7n, *Bal. 8044.*
*Festuca arundinacea* Schreb. *s.l.* – 7k, *Bal. 8049.*
*Festuca jeanpertii* subsp. *achaica* (Markgr.-Dann.) Markgr.-Dann. – 2c, *Bal. 1889;* 1c, *Bal. 2089;* 43c, *Bal. 2101*.
*Festuca jeanpertii* (St.-Yves) Markgr. subsp. *jeanpertii* – 2c, *Bal. 2585a*.
*Gastridium* sp. – 34p, *Bal. 8530;* 12p, *Bal. 8746*.
*Gaudinia fragilis* (L.) P. Beauv. – 37r, *Bal. 1790;* 32r, *Bal. 2014b;* 6n, *Bal. 8142;* 48p, *Bal. 8244;* 30r, *Bal. 8419;* 33p, *Bal. 8444;* 14r, *Bal. 8658.*
*Gaudiniopsis macra* (M. Bieb.) Eig *s.l.* – 42p, *Bal. 2105*.
*Hainardia cylindrica* (Willd.) Greuter – 32r, *Bal. 2014a;* 30r, *Bal. 8416;* 14r, *Bal. 8686.*
*Helictochloa agropyroides* (Boiss.) Romero Zarco – 4c, *Bal. 8268*.
*Helictotrichon convolutum* (C. Presl) Henrard – 2c, *Bal. 2579*.
*Holcus lanatus* L. subsp. *lanatus* – 42m, *Bal. 2100;* 32m, *Bal. 2644*.
*Hordeum bulbosum* L. – 2c, *Bal. 2581;* 6n, *Bal. 8141*.
*Hordeum geniculatum* All. – 7r, *Bal. 8052*.
*Hordeum murinum* subsp. *leporinum* (Link) Arcang. – 2c, *Bal. 1891;* 7r, *Bal. 8043;* 4c, *Bal. 8265;* 34p, *Bal. 8556.*
*Hyparrhenia hirta* (L.) Stapf – 33p, *Bal. 8440;* 26r, *Bal. 8626;* 27r, *Bal. obs*.
*Lolium multiflorum* Lam. – 37m, *Bal. 1785*.
*Lolium perenne* L. – 7n, *Bal. 8042*.
*Lolium* cf. *perenne* L. – 19u, *Bal. 2513*.
*Lolium rigidum* Gaudin subsp. *rigidum* – 2c, *Bal. 1999;* 32r, *Bal. s.n.;* 37r, *Bal. 2031b;* 43c, *Bal. 2088;* 42p, *Bal. 2104;* 7n, *Bal. 8077;* 5p, *Bal. 8201;* 4c, *Bal. 8266;* 30r, *Bal. 8415;* 34p, *Bal. 8507;* 14r, *Bal. 8687;* 12p, *Bal. 8748*.
*Melica ciliata* L. subsp. *ciliata* – 2c, *Bal. 1990;* ibid., *Bal. 2591*.
*Melica uniflora* Retz. – 10g, *Bal. 8787*.
*Phleum phleoides* (L.) H. Karst. – 2c, *Bal. 1893;* 43c, *Bal. 2090;* 4c, *Bal. 8259*.
*Piptatherum miliaceum* (L.) Coss. *s.l.* – 28r, *Bal. obs*.
*Poa annua* L. subsp. *annua* – 19m, *Bal. 2514*.
*Poa bulbosa* L. *s.l.* – 2c, *Bal. 1894;* 4c, *Bal. 8261;* 7n, *Bal. s.n.;* 12p, *Bal. s.n*.
*Poa compressa* L. – 2c, *Bal. 2585b*.

*Poa timoleontis* Heldr. ex Boiss. – 2c, *Bal. 1890*.
*Poa trivialis* subsp. *sylvicola* (Guss.) H. Lindb. – 37m, *Bal. 1786;* 7k, *Bal. 8048*.
*Polypogon monspeliensis* (L.) Desf. – 37m, *Bal. 2039;* 34m, *Bal. 8503*.
*Polypogon viridis* (Gouan) Breistr. – 34m, *Bal. 8537*.
*Psilurus incurvus* (Gouan) Schinz & Thell. – 31r, *Bal. 6136;* 5p, *Bal. 8196;* 48p, *Bal. 8243;* 12p, *Bal. 8756*.
*Rostraria cristata* (L.) Tzvelev – 48p, *Bal. 8235;* 34p, *Bal. 8505.*
[*Setaria pumila* (Poir.) Roem. & Schult.] – 28s, *Bal. 2152.*
*Stipa capensis* Thunb. – 30r, *Bal. 8579*.
*Stipa holosericea* Trin. subsp. *holosericea* – 2c, *Bal. 2005.*
*Trachynia distachya* (L.) Link – 33p, *Bal. 8445;* 27r, *Bal. 8598;* 12p, *Bal. 8779;* 9r, *Bal. s.n*.
*Vulpia ciliata* Dumort. subsp. *ciliata* – 2c, *Bal. 1895*; 5p, *Bal. 8199;* 4c, *Bal. 8263*.
*Vulpia myuros* (L.) C.C. Gmel. – 2c, *Bal. 2004;* 12p, *Bal. 8736*.

*RUSCACEAE*
*Ruscus aculeatus* L. – 7k, *Bal. 8089;* 6k, *Bal. obs.*

*SMILACACEAE*
*Smilax aspera* L. – 34a, *Bal. 8552;* 25a, *Bal. obs*.

**Vegetation**

The largest part of the investigated area is covered by open scrub, macchie and deciduous Oak forests. Transitional vegetation types also exist depending on the intense of human influences and bioclimatic conditions.

The dominant vegetation type of the mountain is *Quercus coccifera* scrub in various stages of transition to dense impenetrable macchie. It covers mainly the lower altitudinal zone of the mountain (500-1100 m) predominantly on limestone. As they occupy the inhabited zone these formations have received great pressure by man especially in the past. *Quercus coccifera* is almost always accompanied by *Phillyrea latifolia* and frequently both species constitute a characteristic association. These formations are often interspersed with scattered individuals of deciduous elements such as *Quercus pubescens*, *Fraxinus ornus*, *Crataegus* spp., *Acer monspessulanum* subsp. *monspessulanum*, *Carpinus orientalis* and *Pistacia terebinthus* subsp. *terebinthus* the latter especially at lower altitudes. Open space of overgrazed units is often covered by *Phlomis fruticosa* dominated phrygana vegetation. This is more obvious in western parts of the mountain along the road which connects the villages Kardaritsi and Paralogi.

In places where topoclimatic and edaphic conditions are appropriate e.g. localities with more humid conditions and deeper soil *Quercus pubescens*, *Carpinus orientalis* and *Fraxinus ornus* form pure stands or mixed deciduous woods. These formations are indicators of local differentiations in ecological conditions. *Quercus pubescens* presents its optimum of growth in northern slopes of the mountain. In this case it alters perceptibly the physiognomy of *Quercus coccifera- Phillyrea latifolia* communities described earlier. Its cover increases with altitude while the proportion of sclerophyllus elements declines. Its

abundance ranges from a few isolated individuals in 600 m to numerous vigorous and tall plants at approximately 1000 m. In the latter zone *Quercus pubescens* forms open forests where *Quercus coccifera* constitutes the shrub layer.

*Quercus frainetto* forests locally intermixed with *Quercus pubescens* or *Fraxinus ornus* occupy a relatively large area in eastern parts of the mountain, mainly around Nasia village. Characteristic species of the underfloor are the following: *Brachypodium sylvaticum*, *Crepis fraasii* subsp. *fraasii*, *Geranium asphodeloides* subsp. *asphodeloides*, *Veronica chamaedrys* subsp. *chamaedryoides*, *Epipactis helleborine* subsp. *helleborine*, *Ranunculus velutinus*, *Phlomis samia, Aremonia agrimonoides s.l.*, *Pulicaria odora*, *Crataegus monogyna, Cyclamen hederifolium.* Open spaces are characterized by *Pteridium aquilinum* subsp. *aquilinum.* The presence of many young individuals of *Quercus frainetto* indicates good rates of regeneration.

The upper zone of the mountain above 1100 or 1200 m is deforested. It is characterized by stony meadows which are occasionally interrupted by rocky outcrops. The meadows are interspersed with strongly browsed shrubs of *Quercus coccifera*, *Crataegus heldreichii* and solitary trees of *Quercus pubescens*. Characteristic species of the herb layer are the following: *Scandix australis* subsp. *grandiflora*, *Alyssum siculum*, *Aethionema saxatile* subsp. *graecum*, *Ornithogalum montanum*, *Lamium garganicum* subsp. *striatum*, *Thymus longicaulis* subsp. *chaubardii*, *Veronica glauca* subsp. *chaubardii*, *Astragalus depressus* subsp. *depressus*, *Geranium macrostylum*, *Myosotis sylvatica* subsp. *cyanea*, *Corydalis solida* subsp. *incisa*, *Sedum amplexicaule* subsp. *tenuifolium*, *Ranunculus psilostachys*, *Eryngium amethystinum.* It hosts also a significant number of Greek endemics relatively rare in the area such as the following: *Geocaryum parnassicum*, *Cerastium illyricum* subsp. *brachiatum*, *Ornithogalum fimbriatum* subsp. *gracilipes*, *Aristolochia microstoma*, *Erysimum pectinatum*, *Sedum laconicum* subsp. *laconicum*. Grass cover is relatively high and dominated by *Festuca jeanpertii s.l.*, *Phleum phleoides*, *Brachypodium retusum* and *Poa bulbosa*. Patches with deeper soil host thick populations of herbaceous species such as *Capsella bursa-pastoris*, *Trifolium stellatum*, *Trifolium nigrescens*, *Stellaria* spp., *Sisymbrium officinale*, *Geranium molle*, *Urtica dioica*. Their floristic composition is similar to those of pastures in the lower altitudinal zone. It is obvious that one of the main ecological factors that have shaped the physiognomy of the upper part of the mountain is grazing by goats and sheep. Small occurrences of flysch in this zone are easily distinguished dy the predominance of *Pteridium aquilinum* subsp. *aquilinum.*

Vegetation units with *Abies cephalonica* are absent though this species is relatively abundant in the nearby Mt Lambia. There seems to be no restrictions related to bioclimatic or edaphic conditions and the upper parts of the mountain could potentially sustain such formations.

Finally, an extensive area with conglomerates in the lower altitudinal zone of the mountain (200-500 m) south of the village Voutsis bears a floristically differentiated type of macchie consisting of *Quercus coccifera*, *Arbutus unedo*, *Erica arborea*, *Pistacia lentiscus* and *Calicotome villosa.* The lower altitude, the geological substrate and the relatively high air humidity favored the development of this type of macchie.

Streams dispersed all over the investigated area are often lined by *Platanus orientalis* woods. Their floristic composition is strongly influenced by man as many of them cross inhabited areas.

## Discussion

According to the present investigation, 650 taxa were found to comprise the vascular flora of Mt Aphrodisio. *Crypsis alopecuroides* is a new record for Peloponnisos. The largest in number of taxa families are the following: *Fabaceae* (90), *Asteraceae* (73), *Poaceae* (69).

The endemic vascular flora consists of 29 taxa (4.5 %). It includes some rare or local taxa such as *Geocaryum parnassicum*, *Aristolochia microstoma*, *Alkanna methanaea*, *Erysimum asperulum*, *Erysimum pectinatum*, *Anthemis brachmannii*, *Silene gigantea* subsp. *hellenica*, *Delphinium hellenicum*, *Galium capitatum*, *Verbascum daenzeri*, *Viola phitosiana*. It seems that there is a higher proportion of Greek endemics in higher altitudinal zone as 11 (37.9 %) of them were found exclusively at altitudes above 1000 m. There are only three regional endemics of Peloponnisos, *Anthemis brachmannii*, *Erysimum pectinatum* and *Silene nutabunda*, growing on the mountain. This is a characteristic difference with the flora of Mt Likeo (Baliousis 2013) which comprises nine taxa of this chorological category. The latter mountain is situated at about the same longitude but in southern Peloponnisos and as a result it includes a number of regional endemics with distribution confined to southern Peloponnisos. Both mountains have about the same size and the same geological history as they belong to the same geotectonic unit. Additionally, they have been investigated to the same extent by the same author. Thus their difference in number of endemics can presumably be attributed to the southern geographical position of Mt Likeo. Balkan endemics are represented by 22 taxa (3.4 %). The number of adventive taxa is rather small (11 taxa) as compared to the ones of mountains which include heavily urbanized areas such as Mt Pendelikon (Baliousis & Yannitsaros 2011; Baliousis 2011).

The physiognomy of the vegetation is dominated by *Quercus coccifera*. The most important deciduous element is *Quercus pubescens*, a basic constituent of the vegetation types discerned in northern slopes. Finally *Quercus frainetto* forms pure or mixed forests in eastern parts of the mountain.

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