

1-1-2006

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FAKİR, HÜSEYİN (2006) "Flora of Bozburun Mountain and Its Environs (Antalya-Isparta-Burdur, Turkey)," *Turkish Journal of Botany*. Vol. 30: No. 3, Article 1. Available at: <https://journals.tubitak.gov.tr/botany/vol30/iss3/1>

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Flora of Bozburun Mountain and Its Environs (Antalya-Isparta-Burdur, Turkey)

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Received: 01.04.2005

Accepted: 24.03.2006

Abstract: This paper describes a floristic study of Bozburun Mountain and its environs. The study was conducted between 1998 and 2002, during which time 2419 vascular plant samples were collected. After the identification of the specimens, the total flora was determined to consist of 645 taxa belonging to 341 genera and 86 families. The endemism rate of the 645 taxa was 16.1% (n = 104 taxa). The phytogeographical spectrum of the species was as follows: Mediterranean 207 (32.1%), Irano-Turanian 51 (7.9%) and Euro-Siberian elements 33 (5.1%). Of the species we sampled, 311 (48.2%) were widespread and the phytogeographical regions of 10 (1.5%) were unknown.

The order of the 10 families and genera involving most of the taxa were as follows:

Families: Fabaceae: 77 (11.9%); Asteraceae: 71 (11%); Lamiaceae: 41 (6.4%); Caryophyllaceae: 41 (6.4%); Brassicaceae: 36 (5.6%); Apiaceae: 31 (4.8%); Poaceae: 24 (3.7%); Ranunculaceae: 22 (3.4%); Rosaceae: 22 (3.4%); Boraginaceae: 22 (3.4%).

Genera: Silene: 16 (2.5%); Trifolium: 15 (2.3%); Ranunculus: 10 (1.5%); Veronica: 9 (1.4%); Hypericum: 9 (1.4%); Verbascum: 8 (1.2%); Astragalus: 7 (1.1%); Lathyrus: 7 (1.1%); Sedum: 7 (1.1%); Medicago: 7 (1.1%).

Key Words: Flora, Bozburun Mountain, Vegetation, Antalya

Bozburun Dağı ve Çevresinin Florası (Antalya-Isparta-Burdur, Turkey)

Özet: Bu çalışmada Bozburun Dağı ve yakın çevresinin florası araştırılmıştır. Araştırma alanında 1998-2002 yıllarında 2419 bitki örneği toplanmış, çalışmalar sonucunda 86 familyaya ve 341 cinsine ait 645 takson tespit edilmiştir. Alandaki endemizm oranı 104 takson için %16,1'dir. Türlerin fitocoğrafik bölgelere dağılımı ve oranları sırasıyla şöyledir: Akdeniz elementi 207 adet (% 32,1), İran-Turan elementi 51 adet (% 7,9) ve Avrupa-Sibirya elementi 33 adet (% 5,1) şeklindedir. Teşhisi yapılan taksonların 311 adedi (% 48,2) geniş yayılışlı ve 10 adedi ise (% 1,5) hangi fitocoğrafik bölge elementi olduğu bilinmemektedir.

Çalışma alanında en fazla taksona sahip olan familya ve cinsler şöyledir:

Familyalar: Fabaceae 77 (% 11,9), Asteraceae 71 (% 11), Lamiaceae 41 (% 6,4), Caryophyllaceae 41 (% 6,4), Brassicaceae 36 (% 5,6), Apiaceae 31 (% 4,8), Poaceae 24 (% 3,7), Ranunculaceae 22 (% 3,4), Rosaceae 22 (% 3,4) and Boraginaceae 22 (% 3,4).

Cinsler: Silene 16 (% 2,5), Trifolium 15 (% 2,3), Ranunculus 10 (% 1,5), Veronica 9 (% 1,4), Hypericum 9 (% 1,4), Verbascum 8 (% 1,2), Astragalus 7 (% 1,1), Lathyrus 7 (% 1,1), Sedum 7 (% 1,1) and Medicago 7 (% 1,1).

Anahtar Sözcükler: Flora, Bozburun Dağı, Vejetasyon, Antalya

Introduction

The study area included Bozburun Mountain and its environs, which is located in the western part of Turkey's Mediterranean region, within the borders of Antalya, Isparta, and Burdur. The study area, which lies within

square C3 according to the grid square system given by Davis (1965-1988), is located within the Mediterranean phytogeographical zone. Altitude in the study area ranges from 50 to 2505 m.

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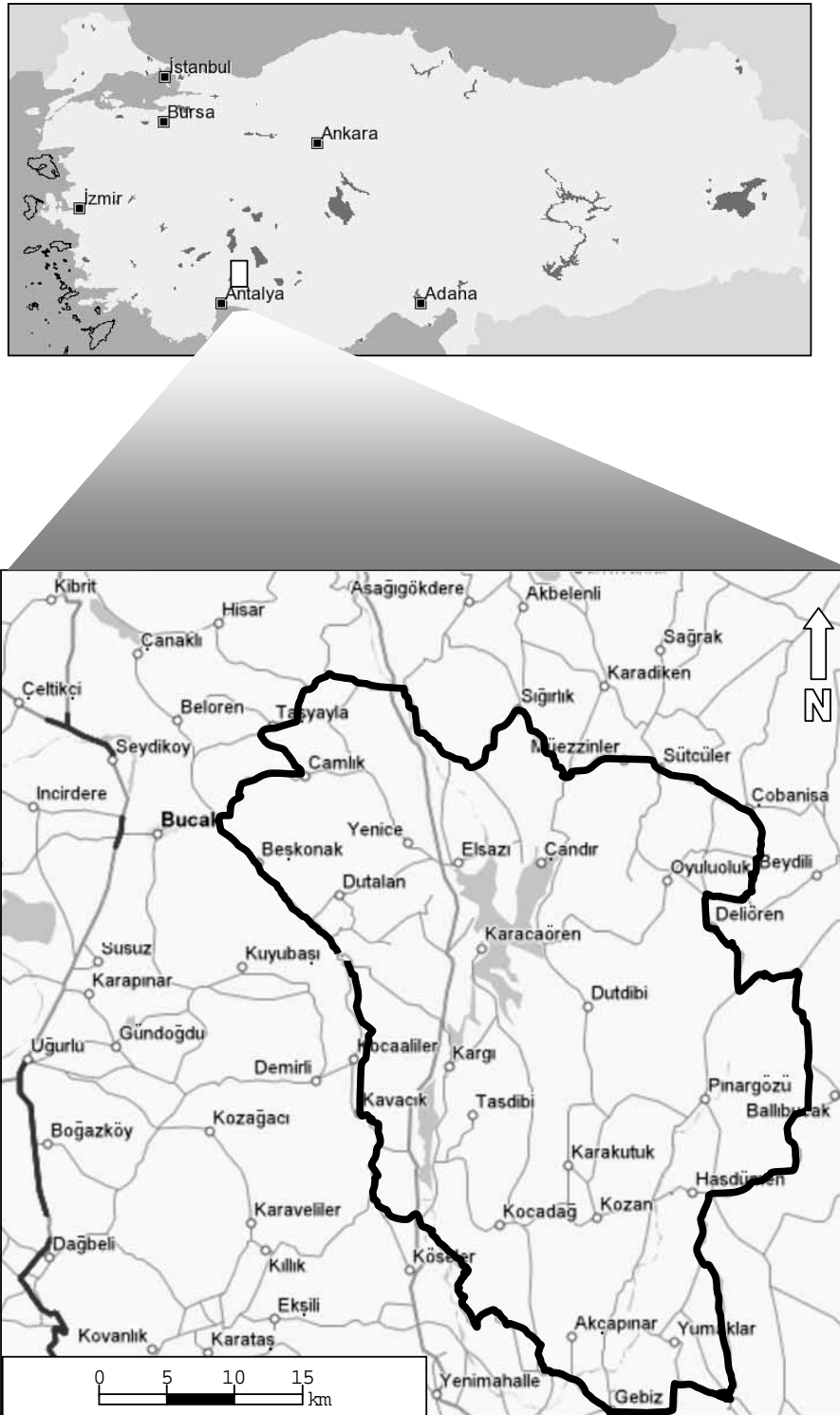


Figure 1. Map of the study area.

Bozburun Mountain and its environs were selected as the research area because they have not been thoroughly studied and have some interesting characteristics, in terms of both flora and phytogeography. Prior to the present study, there had been no detailed study of the flora of this area. The first study of the research area was conducted by Davis and Ayaşlıgil (Ayaşlıgil, 1987).

The aim of the present study was to contribute to the completion of the total flora of the Mediterranean region and Bozburun Mountain.

The climate of the area was reviewed using data from the Meteorology Station in Antalya (DMİGM, 2000). The meteorological data were obtained for the years 1965 to 2000 and the mean annual precipitation in the area was 1052 mm. The most arid and hottest months were July and August, with a mean temperature of 28 °C. The annual mean temperature was 18.48 °C. The typical climate of the Mediterranean predominates, characterised by hot and dry summers, and rainy winters (Akman, 1990).

When the climatic data were used in Emberger's formula of rain and temperature factors, it was determined that the research area had a Mediterranean humid climate. It can be seen that heavy rain occurred in November, December, January, and February, while the dry period extended from the beginning June until the end of October (Akman, 1990).

The geological structure of the study area mostly contains rocks belonging to the Quaternary, Mesozoic, Tersier, and Palaeozoic periods. The most abundant soil types in the area were red-brown Mediterranean soil, red Mediterranean soil, brown forest soil, and colluvial and alluvial soil (Atayeter, 2005).

Maquis, forest, rocky, and hydrophyte were the main vegetation types in the area. Maquis formations were found on the east and west banks of the Aksu stream and Bozburun Mountain. *Quercus coccifera* L., *Olea europaea* L. var. *sylvestris* (Miller) Lehr., *Ceratonia siliqua* L., *Arbutus andrachne* L., *Cotinus coggygria* Scop., *Pistacia terebinthus* L. subsp. *palaestina* (Boiss.) Engler, *Phillyrea latifolia* L., and *Juniperus oxycedrus* L. subsp. *oxycedrus* are the characteristic species of vegetation at altitudes of 160-960 m.

Forest vegetation is distributed between 180 and 1750 m. *Pinus brutia* Ten. var. *brutia* and *Pinus nigra* Arn. subsp. *pallasiana* (Lamb.) Holmboe are the dominant

species in this area. *Cedrus libani* A.Rich., *Juniperus excelsa* M.Bieb. subsp. *excelsa* and *Liquidambar orientalis* Miller are subdominant species widely distributed in the area.

Bozburun Mountain and its environs are covered by rocky vegetation, which have upper and lower limits of 560 and 2050 m. *Euphorbia kotschyna* Fenzl, *Astragalus paecilanthus* Boiss. & Heldr., *Marrubium globosum* Montbret & Aucher ex Bentham subsp. *globosum*, *Rosa pulverulanta* Bieb., *Veronica cuneifolia* D.Don. subsp. *cuneifolia*, *Dianthus zonatus* Fenzl var. *hypoclorus* (Boiss. & Heldr.) Reeve, *Verbascum glomeratum* Boiss., *Origanum minutiflorum* O.Schwarz & P.H.Davis, *Teucrium chamaedrys* L. subsp. *chamaedrys* and *Phlomis armeniaca* Willd. are the characteristic species of this type of vegetation and it includes a large number of local endemic species.

Hydrophytic vegetation is found in streamside and lakeside formations. These formations are distributed on the sandy, gravely alluvial flat of the Aksu stream, as well as permanently wet and torrent or dry riverbeds. *Platanus orientalis* L., *Alnus orientalis* Decne. var. *orientalis*, *Liquidambar orientalis* Miller, *Erica manipuliflora* Salisb., *Vitex agnus-castus* L., *Nerium oleander* L., *Equisetum ramosissimum* Desf., *Carex muricata* L., *Juncus articulatus* L. and *Cynodon dactylon* (L.) Pers. var. *dactylon* are commonly found in these formations.

The "yayla peasantry" is still the dominant style of rural life within the study area. The combination of agriculture, animal grazing, and forestry that is practised here can be regarded as a land-use system that is ecologically well adapted to the existing natural conditions (Ayaşlıgil, 1987).

Materials and Methods

In total, 2419 vascular plant taxa were collected and observed or photographed in the study area during fieldwork conducted between 1999 and 2002. The collected plant taxa were dried according to herbarium techniques, and numbered and recorded. The Flora of Turkey (Davis, 1965-1985; Davis et al., 1988; Güner et al., 2000) and other floras and references (Tutin et al., 1964-1980; Yaltırık, 1984) were used for the identification of the specimens. Some specimens were determined by Ayaşlıgil (Istanbul Univ., İstanbul) and

Özçelik (Süleyman Demirel Univ., Isparta). All of the plant specimens are kept at the herbarium of Süleyman Demirel University.

The List of Plants

The plant taxa of Bozburun Mountain and its environs are listed in appendix 3. Taxonomic categories in main groups, such as families, genera, and species, are similarly arranged in evolutionary sequence. Author abbreviations follow Brummitt & Powell (1992).

For each taxon, information on habitat, locality, and geographical distribution within the study area are given in a condensed form; an explanatory sample follows:

Origanum minutiflorum O.Schwarz & P.H.Davis, C3 Antalya / CW1 / A / * / VU / H.F. 2865. E.Medit. El.

C3 Antalya: Grid square (Davis, 1965-1988)

CW1: Types of habitat (Appendix 1)

A: Localities of collected plants (Appendix 2)

***:** Endemic to Turkey

VU: Vulnerable (Protection status, Ekim et al., 2000)

H.F.: The plant records from the author's field notebook.

Abbreviations used in the text and appendixes are as follows:

E.: East	Euro-Sib.: Euro-Siberian
El.: Element	Ir.-Tur.: Irano-Turanian
Medit.: Mediterranean	Eux.: Euxine
?: Unknown protection status	

Discussion and Conclusion

In all, 645 vascular plant taxa were identified, which belong to 341 genera and 86 families. Thirteen of these taxa were nonflowering vascular plants (of *Pteridophyta*), 9 taxa belonged to *Gymnospermae*, while the remaining 623 were *Angiospermae*. Division of the plant taxa into large taxonomical groups is shown in Table 1.

The plant taxa categorisation according to phytogeographical region is as follows: Mediterranean elements 207 (32.1%), Irano-Turanian elements 51 (7.9%) and Euro-Siberian: elements 33 (5.1%); the remaining 321 (49.7%) taxa were multiregional or of unknown phytogeographical region (Table 2). The large number of Mediterranean elements can be explained by the fact that the entire study area lies within the Mediterranean phytogeographical region; therefore, the number of Irano-Turanian and Euro-Siberian elements were much smaller in comparison to the Mediterranean elements. The Euro-Siberian elements were located in marshy and humid habitats, the most suitable conditions for Euro-Siberian species. The Irano-Turanian elements identified in the study area are also species that are generally widespread throughout the Mediterranean phytogeographical region; in dry habitats, which are suitable for Irano-Turanian species (Göktürk & Sümbül, 1997).

Table 2. Distribution of plant taxa within phytogeographical regions.

	Number of taxa	Rates (%)
Mediterranean elements	207	32.1
Irano-Turanian elements	51	7.9
Euro-Siberian elements	33	5.1
Multiregional or of unknown phytogeographical region	321	49.7

Table 1. The division of taxa into large taxonomical groups.

	Number of Families	Number of Genera	Total number of taxa
<i>Pteridophyta</i>	8	10	13
<i>Spermatophyta</i>	79	332	632
<i>Gymnospermae</i>	3	6	9
<i>Angiospermae</i>	76	326	623
<i>Dicotyledones</i>	68	288	572
<i>Monocotyledones</i>	8	38	51

The proportion of species from more than one region or of unknown phytogeographical origin was 49.7%. This high percentage was due to the presence of a high number of cultivated plants, and for many of these species, inadequate information is available concerning their distribution.

The phytogenic distribution data from the present study were compared to 9 other floristic studies and are presented in Table 3 (Peşmen, 1982; Dural et al., 1995; Kargioğlu & Ertuğrul, 1995; Özçelik & Öztürk, 1999; Düşen & Sümbül, 2001; Özçelik & Korkmaz, 2002; Deniz & Sümbül, 2004). This table includes the number of taxa and phytogeographical distribution of species. In all of the studies performed in the Mediterranean phytogeographical region, the number of Mediterranean elements is naturally higher than that of elements belonging to other regions. In the study conducted on Yandağ, Aksu, and Yıldız mountains, the presence of Mediterranean elements was low because the studied areas were far from the Mediterranean sea. When the numbers of Irano-Turanian elements found in these 9 studies were compared, the results of the studies on Sütçüler, Yandağ, and Davras mountains were similar to those of the present study. In the studies conducted on Yıldız Mountain, the number of reported Irano-Turanian elements was higher than those in the other 8 studies

since these areas are not as geographically close to the Irano-Turanian phytogeographical region as Yıldız Mountain is. When the number of Euro-Siberian elements found in these studies were compared, Olimpos-Beydağları constituted less than 1% due to the scarcity of marshy habitats in the area.

The level of multiregional species and those of unknown phytogeographical origin are higher in all the studies. Since Turkey serves as a bridge between south-west Asia and south-east Europe, and little information about the distribution of some species is available, the percentages of multiregional species and those of known phytogeographical origin in Turkey are generally high (Deniz & Sümbül, 2004).

When the number of taxa is taken into consideration, the family *Fabaceae* ranks first with 77 taxa (Table 3); this is because *Fabaceae* is the second largest family of the Turkish Flora and includes a large number of genera containing many taxa. Following *Fabaceae*, the family *Asteraceae* is the second largest family of the Turkish Flora, having many family members, the greatest ecological tolerance, and seeds that break up easily. *Fabaceae* and *Asteraceae* are the two most abundant families of the Turkish Flora in most floristic studies, which is due to the diversity of vegetation types, soil composition, climatic conditions, and topography.

Table 3. Phytogeographical distribution of species from compared studies (abbreviations are below the table)

	Studies performed								
	Boz.	Bey.	Elm.	Sak.	Yan.	Süt.	Aks.	Dav.	Yil.
Total taxa	645	865	689	702	729	587	658	415	474
Mediterranean %	32.1	43	28.3	35.75	17.4	29.0	23.1	35.0	22.4
Irano-Turanian %	7.9	2.2	12.6	5.84	15.3	15.6	11.4	15.6	18.3
Euro-Siberian %	5.1	0.8	2.6	2.42	3.7	6.2	9.2	5.5	2.9
Multiregional or unknown %	49.7	54.2	56.4	55.55	63.3	48.3	43.6	35.6	56.1

Abbreviations:

- Boz.** Flora of Bozburun Mountain and its environs (Antalya / Turkey)
Bey. Flora of Olimpos-Beydağları Natural Park
Elm. Flora of Elmalı Cedar Research Forest (Antalya / Turkey)
Sak. Flora of Sarısu-Saklıkent (Antalya)
Yan. Contributions to the Flora of Yandağ (Isparta)
Süt. Contributions to the Flora of Sütçüler-Isparta
Aks. Contributions to the Flora of Aksu (Isparta)
Dav. Flora of Davras Mountain (Isparta)
Yil. Flora of Yıldız Mountain (Akseki-Antalya)

Following *Asteraceae* are: *Lamiaceae*, which is represented by 41 taxa; *Caryophyllaceae* with 41 taxa; *Brassicaceae* with 36 taxa; and *Apiaceae* with 31. The 10 largest families according to the number of taxa are shown in Table 4.

Table 4. Taxa totals of the largest families.

Families	Genera	Taxa	Taxa %
<i>Fabaceae</i>	26	77	11.9
<i>Asteraceae</i>	40	71	11
<i>Lamiaceae</i>	22	41	6.4
<i>Caryophyllaceae</i>	24	41	6.4
<i>Brassicaceae</i>	25	36	5.6
<i>Apiaceae</i>	20	31	4.8
<i>Poaceae</i>	18	24	3.7
<i>Ranunculaceae</i>	9	22	3.4
<i>Rosaceae</i>	11	22	3.4
<i>Boraginaceae</i>	11	22	3.4
Other Families	135	236	36.6

The taxa belonging to the first 10 families form about 63% of the total taxa.

The genera with the largest number of taxa in the study area are shown in Table 5. In the present study, the genus *Silene* had the highest number of taxa. As the estimated number of taxa belonging to *Astragalus* in Turkey is 400, one would expect to find a higher number of taxa. This might be the result of the unsuitable ecological factors and habitat for taxa in the genus *Astragalus* within the study area. Most taxa in *Astragalus* are known as steppic plants of Irano-Turanian phytogeographical regions.

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Table 5. Taxa totals of the largest genera.

Genus	Number of Taxa	Genus	Number of Taxa
<i>Silene</i>	16	<i>Verbascum</i>	8
<i>Trifolium</i>	15	<i>Astragalus</i>	7
<i>Ranunculus</i>	10	<i>Lathyrus</i>	7
<i>Veronica</i>	9	<i>Sedum</i>	7
<i>Hypericum</i>	9	<i>Medicago</i>	7

The number of endemic taxa in the study area was 104 and the endemism rate was 16.1%. Of these taxa, 53 belong to the Mediterranean, while 22 taxa belong to the Irano-Turanian and 1 belongs to the Euro-Siberian phytogeographical regions. The number of multiregional endemic plants was 28. The proportion of endemism in the area (16.1%) was below the average for Turkey (33.5%) (Ekim, 1990), which might have been due to the edaphic, climatic, and topographic properties of the region.

Acknowledgements

I thank Prof. Dr. Hasan ÖZÇELİK from the Faculty of Science & Letters at Süleyman Demirel University and Prof. Dr. Asuman EFE from the Faculty of Forestry at The University of İstanbul for the use their herbarium facilities for identifying plants for this study and their kind help in the identification of some plant specimens.

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APPENDIX 1

Types of habitat

Q: Maquis, stands of *Pinus brutia* and *Liquidambar orientalis* of the Mediterranean altitudinal belt.

Qm: Maquis of *Olea europaea* and *Quercus coccifera* with deciduous trees or *Juniperus excelsa*.

Qm1: 180-460 m, maquis of *Olea europaea* and *Ceratonia siliqua*.

Qm2: 150-860 m, *Quercus coccifera*.

Qm3: 550-960 m, maquis of *Quercus coccifera* with *Juniperus excelsa*.

Qb: *Pinus brutia* stands with *Quercus coccifera*.

Qb1: 160-1100 m, *Pinus brutia* stands.

Qb2: 180-1240 m, *Pinus brutia* stands with *Quercus coccifera*.

Ql: *Liquidambar orientalis* stands.

Ql1: 180-520 m, *Liquidambar orientalis* stands.

QC: Coniferous woods of the montane-Mediterranean and oro-Mediterranean belt.

QCn: *Pinus nigra* stands with *Abies cilicica* and *Cedrus libani*.

QCn1: 1250-1360 m, *Pinus nigra* stands.

QCn2: 1300-1520 m, *Pinus nigra* stands with *Cedrus libani*.

QCn3: 1310-1450 m, *Pinus nigra* stands with *Abies cilicica*.

QCn4: 1350-1450 m, *Pinus nigra* stands with *Cedrus libani* and *Abies cilicica*.

QCn5: 1380-1420 m, *Pinus nigra* stands with *Cedrus libani*, *Abies cilicica* and *Pinus brutia*.

QCn6: 1250-1350 m, *Pinus nigra* stands with *Pinus brutia*.

QCn7: 1100-1310 m, *Pinus nigra* stands with *Juniperus excelsa*.

QCc: *Cedrus libani* stands with *Pinus nigra* and *Abies cilicica*.

QCc1: 1540-1750 m, *Cedrus libani* stands.

QCc2: 1480-1750 m, *Cedrus libani* stands with *Pinus nigra* and *Abies cilicica*.

QCj: *Juniperus excelsa* stands with *Cedrus libani*.

QCj1: 740-1460 m, *Juniperus excelsa* stands.

QCj2: 1210-1490 m, *Juniperus excelsa* stands with *Cedrus libani*.

CM: Garigues and low and dwarf shrub communities.

CM1: 160-310 m, garigues with *Cistus creticus* and *Cistus salviifolius*.

T: Vegetation of river valleys.

T1: On sandy gravely alluvial flat of the Aksu stream, permanently wet.

T2: Torrent or dry riverbeds.

TP: Vegetation of the snow-soaked patches and hygrophytic meadows.

TP1: 1100-1900 m, meadows on colluvial soils of poljes of the montane-Mediterranean belts.

S: Segetal flora of the Mediterranean and supra-Mediterranean vegetation belt.

S1: 100-440 m, Segetal flora of the Mediterranean altitudinal belt.

S2: 670-1200 m, Segetal flora of the supra-Mediterranean altitudinal belt.

CW: Vegetation of cliffs and walls.

CW1: 560-2050 m, conglomerate rock.

CW2: 560-2050 m, limestone rocks.

CR: Vegetation of the roadside slopes.

APPENDIX 2

Localities of collected plants

- A: Bozburun mountain
- B1: Ovacık mountain
- B2: Asar mountain
- B3: Kocadağ mountain
- B4: Kevke mountain
- B5: Sarp mountain
- C1: Sweetgum (*Liquidambar orientalis* Mill.) Forest Nature Protection Area
- C2: Yazılı Kanyon Nature Park
- D: Surrounding Karacören I and II dam lakes
- E1: Akçalı hill
- E2: Aktümsek hill
- E3: Eriklibeli hill
- E4: Erenler hill
- F1: Aksu stream valley
- F2: Küçük Aksu stream valley
- G1: The vicinity of Çandır village
- G2: The vicinity of Kocaaliler village
- G3: The vicinity of Çobanisa village
- G4: The vicinity of Hacıaliler village
- G5: The vicinity of Kızıllı village
- G6: The vicinity of Kargı village
- G7: The vicinity of Sarımehmetler village
- G8: The vicinity of Deliören village
- G9: The vicinity of Çamlık village
- G10: The vicinity of Hasdümen village
- H1: Roadsides of Isparta-Antalya highway
- H2: Roadsides of Bucak-Antalya highway
- I1: Kırgeçit brook
- I2: Kapız brook
- I3: Pamucak brook
- I4: Koca brook
- I5: Köynük brook
- I6: Kaş brook

APPENDIX 3

THE FLORISTIC LIST

PTERIDOPHYTA

EQUISETACEAE

Equisetum hyemale L., C3 Isparta: Sütçüler, T2, G3, H.F. 1138.

E. romosissimum Desf., C3 Isparta: Sütçüler, T1,2, D, H.F. 1625.

E. arvense L., C3 Isparta: Sütçüler, T2, G1, H.F. 1417.

SINOPTERIDACEAE

Chelianthes maderensis Lowe (L.f.) Sw., C3 Antalya: Gebiz, CW1, A, H.F. 2813.

C. persica (Bory) Kuhn, C3 Isparta: Sütçüler, QCn1, E1, H.F. 2885.

ADIANTACEAE

Adiantum capillus-veneris L., C3 Isparta: Sütçüler, Q11, C1, H.F. 1146.

HYPOLEPIDACEAE

Pteridium aquilinum (L.) Kuhn, C3 Isparta: Sütçüler, Q11, C1, H.F. 1629.

ASPLENIACEAE

Asplenium ruta-muraria L., C3 Antalya: Gebiz, CW1, A, H.F. 2815.

Ceterach officinarum DC., C3 Antalya: Gebiz, CW1, B1, H.F. 2846.

ATHYRIACEAE

Cystopteris fragilis (L.) Bernh., C3 Antalya: Gebiz, CW1, A, H.F. 2829.

ASPIDIACEAE

Polystichum aculeatum (L.) Roth, C3 Isparta: Sütçüler, QCc1, E1, H.F. 1113.

Dryopteris pallida (Bory) Fomin, C3 Antalya: Gebiz, Qm2, Qb2, F2, H.F. 1814. Medit. El.

POLYPODIACEAE

Polypodium cambricum L. subsp. *cambricum*, C3 Burdur: Bucak, Qm2, Qb2, G9, H.F. 907.

SPERMATOPHYTA

GYMNOSPERMAE

PINACEAE

Abies cilicica (Ant. & Kotschy) Carr. subsp. *isaurica* Coode & Cullen., C3 Antalya: Isparta: Burdur, Qcn3-5, QCc2, A, B1, E1-4, G3,7,8, *, LR (lc), H.F. 898. E. Medit. El.

Cedrus libani A.Rich. var. *libani*, C3 Antalya: Isparta: Burdur, Qcn3-5, QCc2, A, B1, E1-4, G3,7,8, H.F. 897. Medit. El.

Pinus nigra J.F.Arn. subsp. *nigra* var. *caramanica* (Loudon) Rehder, C3 Antalya: Isparta: Burdur, QCn1-7, QCc1,2, A, B1, E1-4, G2,3,7,8, H.F. 901.

P. brutia Ten. var. *brutia*, C3 Antalya: Isparta: Burdur, Qb1,2, QCn5,6, A, B1-5, D, E1-4, F1,2, G1-10, H1,2, H.F. 2501. E. Medit. El.

CUPRESSACEAE

Cupressus sempervirens L., C3 Isparta: Sütçüler, T2, D, H.F. 1677.

Juniperus oxycedrus L. subsp. *oxycedrus*, C3 Antalya: Isparta: Burdur, Qb1,2, QCn5,6, A, B1-5, D, E1-4, F1,2, G1-10, H1,2, H.F. 1807.

J. foetidissima Willd., C3 Antalya: Gebiz, CW1, A, H.F. 2839.

J. excelsa M.Bieb. subsp. *excelsa*, C3 Antalya: Isparta: Burdur, Qm3, QCn7, QCj1,2, A, B1, C2, E1-4, G1-10, H.F. 903.

EPHEDRACEAE

Ephedra major Host, C3 Isparta: Sütçüler, CW2, C2, H.F. 2378.

ANGIOSPERMAE

MAGNOLIOPSIDA

RANUNCULACEAE

Nigella arvensis L. var. *glauca* Boiss., C3 Isparta: Sütçüler, T1, D, H.F. 1681.

Delphinium peregrinum L., C3 Burdur: Bucak, Qb2, G2, H.F. 1941.

D. virgatum Poir., C3 Isparta: Sütçüler, Q11, C1, H.F. 1150.

D. venulosum Boiss., C3 Burdur: Bucak, Qb2, G2, *, LR (lc), H.F. 1873. Ir.-Tur. El.

Consolida glandulosa (Boiss. & Huet.) Bornm., C3 Isparta: Sütçüler, QCn1, G3, *, LR (lc), H.F. 2937. Ir.-Tur. El.

Anemone coronaria L., C3 Antalya: Gebiz, S1, F1,2, H.F. 2094. Medit. El.

Clematis vitalba L., C3 Isparta: Sütçüler, T2, G3, H.F. 2891.

C. flammula L., C3 Isparta: Sütçüler, T2, G3, H.F. 3225. Medit. El.

C. cirrhosa L., C3 Burdur: Bucak, Qb2, G9, H.F. 913. Medit. El.

Adonis aestivalis L. subsp. *aestivalis*, C3 Isparta: Sütçüler, S2, G1, H.F. 1420.

Ranunculus demissus DC. var. *major* Boiss., C3 Isparta: Sütçüler, CW2, E1, *, LR (lc), H.F. 2951.

R. constantinopolitanus (DC.) d' Urv., C3 Antalya: Gebiz, T1, F1,2, H.F. 1038.

R. argyreus Boiss., C3 Isparta: Sütçüler, QCn1,2,7, G1,2, E2, H.F. 1446.

R. reuterianus Boiss., C3 Isparta: Sütçüler, QCc1, G3, *, LR (lc), H.F. 1399.

R. illyricus L. subsp. *illyricus*, C3 Isparta: Sütçüler, T2, E1, G3, H.F. 1640.

R. heterorhizus Boiss. & Ball., C3 Isparta: Sütçüler, CW2, E3, *, LR (cd), H.F. 2945.

R. chius DC., C3 Antalya: Gebiz, CR, A, F2, H.F. 1332, 871. E. Medit. El.

R. arvensis L., C3 Antalya: Gebiz, S1, D, F2, H.F. 1684, 2504.

R. ficaria L. subsp. *ficariiformis* Rouy. & Fouc., C3 Antalya: Gebiz, S2, F2, H.F. 1338. Medit. El.

R. ficaria L. subsp. *calthifolius* (Rchb.) Arc., C3 Burdur: Bucak, T2, G2, H.F. 2726. Medit. El.

Ceratocephalus testiculatus (Crantz.) Roth, C3 Burdur: Bucak, Qm3, G2, H.F. 2290.

Thalictrum orientale Boiss., C3 Isparta: Sütçüler, Qb1, C2, H.F. 2381. E. Medit. El.

BERBERIDACEAE

Berberis cretaegina DC., C3 Antalya: Isparta, QCc1,2, A, E1-4, H.F. 3219. Ir.-Tur. El.

PAPAVERACEAE

Glaucium flavum Crantz, C3 Isparta: Sütçüler, TP1, G3, H.F. 1403.

G. leiocarpum Boiss., C3 Isparta: Sütçüler, CW2, E1,2, H.F. 2941.

Papaver apokrinomenon Fedde, C3 Isparta: Sütçüler, CW2, E1, *, LR (lc), H.F. 2957.

P. rhoeas L., C3 Antalya: Gebiz, S1, F1,2, G1,9, H.F. 1477.

P. argemone L., C3 Antalya: Isparta, S2, G1,5,10, H.F. 893.

Hypecoum procumbens L., C3 Burdur: Bucak, Qb1,2, D, G9, H.F. 910. Medit. El.

Fumaria microcarpa Boiss., C3 Burdur: Bucak, S2, G2, H.F. 2287.

F. parviflora Lam., C3 Antalya: Gebiz, CW1, B1, H.F. 2861.

BRASSICACEAE

Sinapis arvensis L., C3 Burdur: Bucak, S1, D, G9, H.F. 1658.

Hirschfeldia incana L., C3 Burdur: Bucak, S1, F2, G6, H.F. 2463.

Diplotaxis tenuifolia (L.) DC., C3 Burdur: Bucak, Qb1,2, G9, H.F. 1855.

Calepina irregularis (Asso) Thell., C3 Burdur: Bucak, Qb1, B2, D, H.F. 876, 2301.

Conringia perfoliata (C.A.Meg.) Burch, C3 Burdur: Bucak, Qm2, D, G9, H.F. 1174.

Cardaria draba (L.) Desv. subsp. *chalepensis* (L.) O.E.Schulz, C3 Isparta: Sütçüler, CR, C2, G1, H.F. 2309.

Iberis attica Jord., C3 Isparta: Sütçüler, CR, G1, H.F. 2304. E. Medit. El.

Aethionema subulatum (Boiss. & Heldr.) Boiss., C3 Isparta: Sütçüler, Qb1, D, *, LR (cd), H.F. 2315.

Thlaspi perfoliatum L., C3 Isparta: Sütçüler, QCj1, E1,2,3, G1, H.F. 2370.

T. ochroleucum Boiss. & Heldr., C3 Isparta: Sütçüler, CR, G1, H.F. 900.

Capsella bursa-pastoris (L.) Medik., C3 Antalya: Gebiz, Qb2, CR, G2, H.F. 1482, 2295.

Neslia apiculata Fisch., C3 Isparta: Sütçüler, CW2, E1, G3, H.F. 2201.

Fibigia eriocarpa (DC.) Boiss., C3 Burdur: Bucak, Qb2, F1, H.F. 1868.

Alyssum dasycarpum Steph. ex Willd., C3 Antalya: Isparta: Burdur, Qm3, Qb1,2, G1,6,9, H1,2, CR, CW2, A, B3, G1, H.F.1712.

A. huetii Boiss., C3 Burdur: Bucak, Qb2, F1, *, LR (lc), H.F. 1370. Ir.-Tur. El.

A. minus (L.) Rothm. var. *minus*, C3 Isparta: Sütçüler, QCn1, QCj1,2, E2, H.F. 948.

A. strigosum Banks & Sol. subsp. *strigosum*, C3 Antalya: Gebiz, CR, B3, H.F. 2483.

A. hirsutum Bieb., C3 Isparta: Sütçüler, CW2, G1, H.F. 818.

A. argyrophyllum Schott, C3 Antalya: Gebiz, CW1, A, F2, *, LR (nt), H.F. 1466.

A. murale Waldst. & Kit. var. *murale*, C3 Isparta: Sütçüler, CW2, E1, G3, H.F. 932.

Erophila verna (L.) Chevall. subsp. *verna*, C3 Burdur: Bucak, Qb1,2, F1, H.F. 1375.

Arabis androsacea Fenzl, C3 Isparta: Sütçüler, Qb1,2, T1, D, *, LR (cd), H.F. 1448.

A. caucasica Willd. subsp. *brevifolia* (DC.) Cullen, C3 Isparta: Sütçüler, CW2, D, G1, H.F. 2306. E. Medit. El.

A. sagittata (Bertol.) DC., C3 Isparta: Sütçüler, QCn4, E1,2, H.F. 825.

A. verna (L.) DC., C3 Antalya: Gebiz, Qm2,3, F2, H.F. 1471. Medit. El.

Turritis laxa (Sibth. & Sm.) Hayek, C3 Burdur: Bucak, Qcn1, G2, HF. 2854.

Nasturtium officinale R.Br., C3 Isparta: Sütçüler, T2, G4, H.F. 2409.

Barbarea plantaginea DC., C3 Isparta: Sütçüler, S2, C2, H.F. 1433.

Cardamine graeca L., C3 Isparta: Sütçüler, QCn1, G1, H.F. 1327.

C. hirsuta L., C3 Antalya: Gebiz, CW1, B1, H.F. 1319.

Aubrieta canescens (Boiss.) Bornm. subsp. *canescens*, C3 Burdur: Bucak, Qm2,3, F1, *, LR (lc), H.F.1367.

Matthiola montana Boiss., C3 Isparta: Sütçüler, CW2, G1, *, LR (nt), H.F. 2317.

Malcolmia chia (L.) DC., C3 Isparta: Sütçüler, QCn4, E1,2, H.F.2197. Ir.-Tur. El.

Erysimum goniocaulon Boiss., C3 Burdur: Bucak, S2, G2, H.F. 1959.

E. kotschyianum Gay, C3 Isparta: Sütçüler, S2, G2, *, LR (lc), H.F. 2156.

Sisymbrium officinale L., C3 Antalya: Gebiz, S1, B3, H.F. 880.

Camelina rumelica Vel., C3 Isparta: Sütçüler, QCn1, G1, H.F. 1456.

CISTACEAE

Cistus creticus L., C3 Antalya: Gebiz, CM1, Qb1, Qm2, A, B1-5, C1,2, F1,2, G1,5,6,9,10, H.F. 1035.

C. salviifolius L., C3 Antalya: Gebiz, CM1, Qb1, Qm2, A, B1-5, C1,2, F1,2, G1,5,6,9,10, H.F. 1045.

Helianthemum nummularium (L.) Miller subsp. *ovatum* (Viv.) Schinz & Thellung, C3 Isparta: Sütçüler, Qb1,2, D, H.F. 1670.

Fumana arabica (L.) Spach var. *arabica*, C3 Antalya: Isparta, Qm2, Qb1,2, F1,2, G1,5, H.F. 1474.

VIOLACEAE

Viola sieheana Becker, C3 Antalya: Gebiz, QCj1,2, A, H.F. 1330.

V. kitaibeliana Roem. & Schult., C3 Isparta: Sütçüler, T2, D, H.F. 908.

V. heldreichiana Boiss., C3 Antalya: Gebiz, QCn4, A, H.F. 1322. E. Medit. El.

POLYGALACEAE

Polygala pruinosa Boiss. subsp. *megaptera* Cullen, C3 Isparta: Sütçüler, CW2, E1, H.F. 2881.

P. anatolica Boiss. & Heldr., C3 Isparta: Sütçüler, Qb1, G1, H.F. 1635.

CARYOPHYLLACEAE

Arenaria deflexa Dec. subsp. *microcephala* McNeil, C3 Burdur: Bucak, QCn1, G2, *, LR (nt), H.F. 852. E. Medit. El.

A. pamphylica Boiss. & Heldr. subsp. *pamphylica* var. *pamphylica*, C3 Antalya: Gebiz, CW2, A, *, VU, H.F. 1530. E. Medit. El.

A. lebtocladus (Rchb.) Guss., C3 Burdur: Bucak, Qb1, B4, H.F. 1530.

Minuartia anatolica (Boiss.) Woronow var. *polymorpha* McNeill, C3 Antalya: Gebiz, CW2, A, H.F. 1468.

M. mesogitana (Boiss.) Hand.-Mazz. subsp. *macrocarpa* McNeill, C3 Isparta: Sütçüler, CW1, C2, *, EN, H.F. 1454. E. Medit. El.

Cerastium glomeratum Thuill., C3 Burdur: Bucak, S2, G9, H.F. 915.

C. brachypetalum Pers. subsp. *roeseri* (Boiss. & Heldr.) Nyman, C3 Antalya: Gebiz, Qb1,2, B3, C1, H.F. 2478, 940.

Holosteum umbellatum L. var. *umbellatum*, C3 Antalya: Isparta, CR, H1, H.F. 2478.

Moenchia mantica (L.) Bartl. subsp. *mantica*, C3 Burdur: Bucak, Qb1, CR, H2, H.F. 2102.

Telephium imperati L. subsp. *orientale* (Boiss.) Nyman, C3 Burdur: Bucak, Qb1,2, G9, H.F. 1376.

Dianthus zederbaueri Vierh., C3 Isparta: Sütçüler, Qb1, C2, *, LR (cd), H.F. 2311. Ir.-Tur. El.

D. leucocephaeus Sibth. & Sm. var. *leucocephaeus*, C3 Isparta: Sütçüler, CW2, C2, *, LR (lc), H.F. 1830

D. zonatus Fenzl var. *hypoclorus* (Boiss. & Heldr.) Reeve, C3 Antalya: Gebiz, CW1, A, H.F. 1028.

D. calocephalus Boiss., C3 Isparta: Sütçüler, T1, D, H.F. 1679.

Petrorhagia alpina (Habl.) Ball & Heywood subsp. *olympica* (Boiss.) Ball & Heywood, C3 Isparta: Sütçüler, CW2, G1, H.F. 2923.

Velezia rigida L., C3 Isparta: Sütçüler, Qb1, D, H.F. 2760.

V. pseudorigida Hub.-Mor., C3 Isparta: Sütçüler, Qcn1, G1, *, VU, H.F. 1616. E. Medit. El.

Saponaria pumilio Boiss., C3 Isparta: Sütçüler, CW2, E1,2, H.F. 943.

S. pamphylica Boiss. & Heldr., C3 Burdur: Bucak, Qm2, G2, *, LR (lc), H.F. 2275.

S. mesogitana Boiss., C3 Isparta: Sütçüler, CW2, G8, H.F. 2914. E. Medit. El.

S. dalmatii Bissieu, C3 Isparta: Sütçüler, QCn1, G1, D, *, DD, H.F. 1124.

S. kotschyi Boiss., C3 Isparta: Sütçüler, Qb1, B2, *, LR (lc), H.F. 1238.

Bolanthus minuartioides (Jaub. & Spach) Hub.-Mor., C3 Burdur: Bucak, Qb2, H2, *, LR (lc), H.F. 1864.

Vaccaria pyramidata Medik. var. *grandiflora* (Fisch. ex. DC.) Cullen, C3 Isparta: Sütçüler, S1, G1,5, H.F. 1622.

Silene italica (L.) Pers., C3 Isparta: Sütçüler, QCn4, E1,4, H.F. 1786.

S. gigantea L. var. *gigantea*, C3 Isparta: Sütçüler, CW2, G4, H.F. 3010. E. Medit. El.

S. armena Boiss. var. *armena*, C3 Isparta: Sütçüler, CW2, E1,2, *, LR (lc), H.F. 2888.

S. haradjianii Chowdh., C3 Isparta: Sütçüler, QCj2, D, E1, *, DD, H.F. 1817. E. Medit. El.

S. otites (L.) Wibel, C3 Antalya: Isparta, Qb1, H1, H.F. 2782.

S. spergulifolia (Desf.) Bieb., C3 Isparta: Sütçüler, QCn1, E2, H.F. 2960. Ir.-Tur. El.

S. supina Bieb. subsp. *pruinosa* (Boiss.) Chowdhuri, C3 Antalya: Gebiz, CW1, A, H.F. 1497.

S. odontopetala Fenzl, C3 Antalya: Gebiz, CW1, A, H.F. 1500.

S. vulgaris (Moench) Garcke var. *vulgaris*, C3 Burdur: Bucak, Qb1,2, D, G1,5,9, H.F. 1159.

S. fabaria (L.) Sibth. & Sm., C3 Isparta: Sütçüler, QCn1,2, E1, H.F. 1098.

S. tunicoidea Boiss., C3 Isparta: Sütçüler, Qb1, C2, *, LR (nt), H.F. 1127. E. Medit. El.

S. compacta Fischer, C3 Isparta: Sütçüler, CW2, G7, H.F. 2412.

S. alba (Miller) Krause subsp. *divaricata* (Rchb.) Walters, C3 Isparta: Sütçüler, T2, G3, H.F. 2407.

S. aegyptiaca (L.) L.f. subsp. *aegyptiaca*, C3 Burdur: Bucak, Qb2, B4, H.F. 2784.

S. dichotoma Ehrh. var. *dichotoma*, C3 Antalya: Gebiz, CW1, A, H.F. 2513.

S. discolor Sibth. & Sm., C3 Antalya: Gebiz, CW1, A, H.F. 2520.

Agrostemma githago L., C3 Burdur: Bucak, Qb2, G9, H.F. 1693.

ILLECEBRACEAE

Herniaria hirsuta L., C3 Isparta: Sütçüler, T2, I1, H.F. 2758.

H. incana Lam., C3 Antalya: Gebiz, CR, F2, H.F. 2510.

Paronychia argyroloba Stapf, C3 Isparta: Sütçüler, CR, D, *, LR (nt), H.F. 1672.

P. chionaea Boiss., C3 Antalya: Gebiz, CW1, A, *, EN, H.F. 1786.

POLYGONACEAE

Polygonum amphibium L., C3 Isparta: Sütçüler, T1, I6, H.F. 1129.

P. salicifolium Brouss. ex Willd., C3 Isparta: Sütçüler, T2, H1, H.F. 1211.

P. persicaria L., C3 Isparta: Sütçüler, T2, I2, H.F. 3220.

P. cognatum Meisner, C3 Burdur: Bucak, CR, G2, H.F.2995.

P. bellardii All., C3 Antalya: Gebiz, CR, G1, H.F. 2844.

Rumex tmoleus Boiss., C3 Isparta: Sütçüler, QCn7, G1, *, VU, H.F. 3204.

R. pulcher L., C3 Antalya: Gebiz, S1, B3, H.F. 2492.

CHENOPODIACEAE

Chenopodium botrys L., C3 Antalya: Gebiz, S1, F2, H.F. 2825.

C. chenopodioides (L.) Aellen, C3 Antalya: Isparta, T2, H1, H.F. 1215.

C. murale L., C3 Antalya: Gebiz, S1, F2, H.F. 3096.

C. opulifolium Schrad., C3 Antalya: Gebiz, S1, F2, H.F. 3093.

C. album L. subsp. *album*, C3 Antalya: Gebiz, S1, F2, H.F. 3093.

Atriplex hastata L., C3 Burdur: Bucak, T2, F1, H.F. 1208.

AMARANTHACEAE

Amaranthus albus L., C3 Antalya: Gebiz, S1, F2, H.F. 2870.

TAMARICACEAE

Tamarix tetrandra Pall. ex M.Bieb., C3 Antalya: Gebiz, T1, F1, H.F. 1673.

HYPERICACEAE

Hypericum ternatum Poulter, C3 Antalya: Gebiz, CW1, A, *, VU, H.F. 2547. E. Medit. El.

H. scabrum L., C3 Burdur: Bucak, Qb1, H2, H.F. 1865. Ir.-Tur. El.

H. confertum Choisy subsp. *confertum*, C3 Burdur: Bucak, Qb1, H2, H.F. 1700.

H. confertum Choisy subsp. *stenobotrys* (Boiss.) Holmboe, C3 Burdur: Bucak, Qb1, B4, H.F. 1548.

H. perforatum L., C3 Isparta: Sütçüler, T1, I6, H.F. 1125. Medit. El.

H. motbretii Spach., C3 Isparta: Sütçüler, QCn1, E1, H.F. 2903.

H. aviculariifolium Jaub. & Spach subsp. *depilatum* (Frey & Bornm.) Robson var. *depilatum*, C3 Isparta: Sütçüler, QCn1,3, E1, *, LR (Ic), H.F. 882, 2211. Ir.-Tur. El.

H. perforatum L., C3 Isparta: Sütçüler, QCn4, E2, H.F. 3197.

H. trigetifolium Turra, C3 Antalya: Gebiz, S1, F2, H.F. 1080.

MALVACEAE

Malva sylvestris L., C3 Isparta: Sütçüler, S2, D, H.F. 3201.

M. neglecta Wallr., C3 Isparta: Sütçüler, QCn1, G4, H.F. 1986.

M. parviflora L., C3 Isparta: Sütçüler, QCn1, G3, H.F. 2974.

Alcea calvertii (Boiss.) Boiss., C3 Burdur: Bucak, S2, G2, *, LR (Ic), H.F. 1964. Ir.-Tur. El.

A. pallida Waldst. & Kit., C3 Isparta: Sütçüler, Qm3, G1, H.F. 1646.

Althaea cannabina L., C3 Isparta: Sütçüler, QCn1, G1, H.F. 3182.

A. hirsuta L., C3 Isparta: Sütçüler, QCn1, G1, H.F. 3190.

LINACEAE

Linum pamphylicum (Boiss.) Podp., C3 Isparta: Sütçüler, Q11, C1, *, EN, H.F. 1663.

L. nodiflorum L., C3 Isparta: Sütçüler, T2, I6, H.F. 2321. Medit. El.

L. strictum L. var. *strictum*, C3 Antalya: Gebiz, T2, F2, H.F. 1990.

L. virgultorum Boiss. & Heldr., C3 Antalya: Isparta, T1, D, H.F. 937. Medit. El.

L. bienne Miller, C3 Burdur: Bucak, Qb2, B4, H.F. 1538. Medit. El.

GERANIACEAE

Geranium lucidum L., C3 Burdur: Bucak, Qm2, H2, H.F. 923.

G. purpureum Vill., C3 Isparta: Sütçüler, Qm1, C2, H.F. 1440.

G. rotundifolium L., C3 Isparta: Sütçüler, QCc2, E1, H.F. 2419.

G. columbinum L., C3 Antalya: Gebiz, Qm2, F2, H.F. 1493.

Erodium cicutarium (L.) L'Herit., C3 Antalya: Gebiz, S1, B3, H.F. 2494.

E. acaule (L.) Becherer & Thell., C3 Isparta: Sütçüler, S2, G1, H.F. 2325. Medit. El.

Pelargonium endlicherianum Fenzl, C3 Isparta: Sütçüler, QCn1, E2, H.F. 1832.

OXALIDACEAE

Oxalis pes-caprae L., C3 Antalya: Isparta, Qb1, D, H.F. 2001.

ACERACEAE

Acer hyrcanum Fisch. & Mey. subsp. *sphaerocaryum* Yalt., C3 Isparta: Sütçüler, CW2, G3, *, VU, H.F. 2421. E. Medit. El.

A. monspessulanum L. subsp. *monspessulanum*, C3 Antalya: Gebiz, CW1, B1, H.F. 2777.

VITACEAE

Ampelopsis orientalis (Lam.) Planchon, C3 Antalya: Gebiz, CW1, A, H.F. 2558.

RHAMNACEAE

Paliurus spina-christi Miller, C3 Antalya: Burdur, T2, I3, H.F. 1853.

Rhamnus oleoides L. subsp. *graecus* (Boiss. & Reut.) Holmboe, C3 Antalya: Gebiz, Qm2, A, H.F. 2552. E. Medit. El.

ANACARDIACEAE

Cotinus coggygria Scop., C3 Antalya: Gebiz, Qm2, Qb1,2, T1, A, F1, H.F. 1057.

Rhus coriaria L., C3 Isparta: Sütçüler, Qm1, C2, H.F. 1608.

Pistacia terebinthus L. subsp. *palaestina* (Boiss.) Engler, C3 Antalya: Gebiz, Qm2, Qb1,2, A, F1, C2, H.F. 1060. E. Medit. El.

FABACEAE

Ceratonis siliqua L., C3 Antalya: Isparta, Qm1,2, T1, A, C1,2, D, F1, H.F. 2821. Medit. El.

Cercis siliquastrum L., C3 Isparta: Sütçüler, Q11, C1, H.F. 927.

Anagyris foetida L., C3 Antalya: Gebiz, CW1, A, H.F. 2303. Medit. El.

Genista acanthoclada DC., C3 Antalya: Gebiz, Qm2, F2, H.F. 2834. E. Medit. El.

Spartium junceum L., C3 Antalya: Gebiz, CR, H1, H.F. 1695. Medit. El.

Lotononis genistoides (Fenzl) Benth., C3 Burdur: Bucak, Qm2, H2, H.F. 2919. Ir.-Tur. El.

Colutea melanocalyx Boiss. & Heldr. subsp. *davisiana* (Brawicz) Chamb., C3 Isparta: Sütçüler, Qm2, G1, *, LR (Ic), H.F. 2319. E. Medit. El.

Astragalus densifolius Lam. subsp. *densifolius* C3 Antalya: Gebiz, Qm2, A, *, VU, H.F. 1394. Ir.-Tur. El.

A. prusianus Boiss., C3 Antalya: Gebiz, CM1, F2, *, ?, H.F. 1490. Medit. El.

A. cadmicus Boiss., C3 Isparta: Sütçüler, QCj2, E2, *, LR (Ic), H.F. 1610.

A. paecilanthus Boiss. & Heldr., C3 Antalya: Gebiz, CW1, A, *, ?, H.F. 1472.

A. schizopterus Boiss., C3 Burdur: Bucak, Qb2, B4, *, ?, H.F. 2489. E. Medit. El.

A. nitens Boiss. & Heldr., C3 Isparta: Sütçüler, QCn1, G3, *, ?, H.F. 2965. Ir.-Tur. El.

A. angustifolius Lam. subsp. *angustifolius* var. *angustifolius*, C3 Isparta: Sütçüler, QCn1, G3, H.F. 2966.

Glycyrrhiza glabra L. var. *glandulifera* (Waldst. & Kit.) Boiss., C3 Isparta: Sütçüler, CW1, E3, H.F. 2424.

G. asymmetrica Hub.-Mor., C3 Antalya: Gebiz, T2, F1, *, VU, H.F. 2097. E. Medit. El.

Cicer anatolicum Alef., C3 Isparta: Sütçüler, QCn7, G1, H.F. 1095. Ir.-Tur. El.

C. pinnatifidum Jaub. & Spach, C3 Isparta: Sütçüler, QCn1,2, G3, H.F. 3020.

Vicia cracca L. subsp. *stenophylla* Vel., C3 Antalya: Isparta, QCj1, G1, H.F. 1118.

V. peregrina L., C3 Antalya: Isparta, S1, G1, H.F. 1660.

V. cuspidata Boiss., C3 Burdur: Bucak, Qb2, G2, H.F. 1880. E. Medit. El.

V. sativa L. subsp. *nigra* (L.) Ehrh. var. *nigra*, C3 Antalya: Gebiz, S1, F2, H.F. 2516.

V. sativa L. subsp. *sativa*, C3 Antalya: Gebiz, S1, B3, H.F. 2500.

V. narbonensis L. var. *narbonensis*, C3 Burdur: Bucak, Qm2, H2, H.F. 1342.

Lens ervoides (Brign.) Grande, C3 Isparta: Sütçüler, QCn4, E1,2, H.F. 1654. E. Medit. El.

L. orientalis (Boiss.) Hand.-Mazz., C3 Antalya: Burdur, Qm1, Qb1, D, H.F. 1710.

Lathyrus tukhtensis Czecz., C3 Isparta: Sütçüler, S2, G1, *, LR (Ic), H.F. 889.

L. spathulatus Cel., C3 Antalya: Isparta, QCn7, A, E1, H.F. 1464. E. Medit. El.

L. laxiflorus (Desf.) O.Kuntze subsp. *laxiflorus*, C3 Antalya: Gebiz, QCc2, A, H.F. 2570.

L. saxatilis (Vent.) Vis., C3 Isparta: Sütçüler, S2, G7, H.F. 1452. Medit. El.

L. cicera L., C3 Antalya: Gebiz, CW2, G5, H.F. 2793.

L. sativus L., C3 Antalya: Gebiz, S1, F1,2, H.F. 2580.

L. aphaca L. var. *pseudoaphaca*, C3 Antalya: Isparta, F1, Q11, C1, H.F. 930. E. Medit. El.

Pisum sativum L. subsp. *elatius* (Bieb.) Aschers. & Graebn. var. *elatius*, C3 Isparta: Sütçüler, T2, G2, H.F.1395. E. Medit. El.

Ononis adenotricha Boiss. var. *adenotricha*, C3 Antalya: Isparta, QCn4, A, E1, H.F. 2909. E. Medit. El.

O. reclinata L., C3 Antalya: Gebiz, QB1, F1, H.F.2544. Medit. El.

O. spinosa L. subsp. *leiosperma* (Boiss.) Sirj., C3 Isparta: Sütçüler, T2, I2, H.F. 1995.

Trifolium repens L. var. *repens*, C3 Isparta: Sütçüler, TP1, G3, H.F. 2416.

T. speciosum Willd., C3 Antalya: Gebiz, CW1, Qb2, A, H.F. 1504.

T. boissieri Guss. ex. Boiss., C3 Isparta: Sütçüler, TP1, G3, H.F. 2402. E. Medit. El.

T. campestre Schreb., C3 Isparta: Sütçüler, QB1,2, G1, H.F. 1438.

T. spumosum L., C3 Antalya: Isparta, QCn4, A, E2, H.F. 1465. Medit. El.

T. physodes Stev. ex Bieb. var. *physodes*, C3 Burdur: Bucak, Qb1,2, G2, H.F. 2707. Medit. El.

T. pratense L. var. *pratense*, C3 Antalya: Isparta, Qb1,2, B1, C2, H.F. 2488.

T. caudatum Boiss., C3 Antalya: Isparta, QCn1,4, A, E1,2, *, LR (Ic), H.F.883.

T. sylvaticum Gerard. ex Lois., C3 Isparta: Sütçüler, QCn1, G3, H.F. 1410.

T. scabrum L., C3 Burdur: Bucak, Qm2, Qb2, H2, H.F. 919.

T. lucanicum Gasp., C3 Antalya: Isparta, QCn1, A, G3, H.F. 954. Medit. El.

T. hirtum All., C3 Antalya: Gebiz, CM1, Qm2, Qb1, F2, H.F. 1810. Medit. El.

T. arvense L. var. *arvense*, C3 Burdur: Bucak, Qb2, B4, H.F. 2497.

T. echinatum Bieb., C3 Antalya: Gebiz, CM1, G6, H.F. 1510. E. Medit. El.

T. globosum L., C3 Antalya: Gebiz, CM1, F2, H.F. 1506.

Trigonella brachycarpa (Fisch.) Moris, C3 Isparta: Sütçüler, T1, D, H.F. 928. Ir.-Tur. El.

T. spruneriana Boiss. var. *spruneriana*, C3 Antalya: Gebiz, Qb1, B1, H.F. 1515. Ir.-Tur. El.

T. monspeliaca L., C3 Antalya: Gebiz, CM1, G6, H.F. 1479. Medit. El.

T. spicata Sibth. & Sm., C3 Antalya: Gebiz, T2, I1, H.F. 2574. E. Medit. El.

Medicago orbicularis (L.) Bart, C3 Isparta: Sütçüler, Qb2, D, H.F. 1704.

M. lupulina L., C3 Antalya: Gebiz, TP1, A, H.F. 2539.

M. sativa L. subsp. *sativa*, C3 Burdur: Bucak, S2, G9, H.F. 920.

M. falcata L., C3 Isparta: Sütçüler, TP1, G3, H.F. 2428.

M. coronata (L.) Bart., C3 Antalya: Gebiz, CM1, Qm2, F2, H.F. 1480. Medit. El.

M. minima (L.) Bart. var. *minima*, C3 Burdur: Bucak, S2, G9, H.F. 916.

M. polymorpha L. var. *polymorpha*, C3 Antalya: Gebiz, CM1, F2, H.F. 2584.

Lotus corniculatus L. var. *tenuifolius*, C3 Isparta: Sütçüler, TP1, G3, H.F. 2935.

L. strictus Fisch. & Mey., C3 Antalya: Isparta, CR, F2, G5, H.F. 3193.

Hymenocarpus circinnatus (L.) Savi., C3 Antalya: Gebiz, CM1, G6, H.F. 2779. Medit. El.

Coronilla emerus L. subsp. *emeroides* (Boiss. & Sprun.) Uhrova, C3 Burdur: Bucak, T1, I3, H.F. 924.

C. parviflora Willd., C3 Antalya: Burdur, Qb2, F1, B4, H.F. 1527. E. Medit. El.

C. grandiflora Boiss., C3 Antalya: Isparta, QCn2, B1, G1, *, LR (Ic), H.F. 1449. E. Medit. El.

C. varia L. subsp. *varia*, C3 Isparta: Sütçüler, QCj2, G1, H.F. 1135.

Ornithopus compressus L., C3 Antalya: Gebiz, CM1, G6, H.F. 863. Medit. El.

Scorpiurus muricatus L. var. *subvillous* (L.) Fiori, C3 Antalya: Gebiz, CM1, F2, H.F. 1487. Medit. El.

Hedysarum pestalozzae Boiss., C3 Isparta: Sütçüler, T1,2, D, *, LR (Ic), H.F. 1660. Ir.-Tur. El.

Onobrychis caput-galli (L.) Lam., C3 Burdur: Bucak, Qb2, H2, H.F. 1867. Medit. El.

O. gracilis Beser, C3 Antalya: Gebiz, CM1, G6, H.F. 2498.

O. lasiostachya Boiss., C3 Isparta: Sütçüler, CW2, E4, H.F. 2969.

Ebenus bourgaei Boiss., C3 Antalya: Isparta, QCn1, F2, G1, *, LR (Ic), H.F. 2323. E. Medit. El.

ROSACEAE

Prunus x domestica L., C3 Antalya: Gebiz, CW1, A, H.F. 2566.

Rubus sanctus Schreber, C3 Antalya: Gebiz, T1, F2, H.F. 2836.

R. discolor Weihe & Nees., C3 Isparta: Sütçüler, T2, G3, H.F. 3015.

Potentilla recta L., C3 Antalya: Gebiz, CW1, A, H.F. 1780.

P. kotschyana Fenzl, C3 Antalya: Isparta, QCj2, QCn5, A, E1, H.F. 1992. E. Medit. El.

P. humifusa Willd., C3 Isparta: Sütçüler, CR, G3, H.F. 2004. Euro-Sib. El.

P. geranioides Willd., C3 Burdur: Bucak, QCn1, G2, H.F. 1902. Ir.-Tur. El.

P. reptans L., C3 Isparta: Sütçüler, CW2, G3, H.F. 2967.

Agrimonia eupatoria L., C3 Isparta: Sütçüler, QCn7, G1, H.F. 1140.

Aremonia agrimonoides (L.) DC., C3 Isparta: Sütçüler, QCn1, G3, H.F. 2991. Euro-Sib. El.

Sanguisorba minor Scop. subsp. *magnoli* (Spach) Brig., C3 Antalya: Isparta, QCn4, A, E1, H.F. 2418.

S. minor Scop. subsp. *muricata* (Spach) Brig., C3 Burdur: Bucak, Qb1, G9, H.F. 1707.

Rosa arvensis Huds., C3 Isparta: Sütçüler, QCn1, G3, H.F. 3028.

R. pulverulenta Bieb., C3 Antalya: Gebiz, QCj2, A, H.F. 1801.

R. canina L., C3 Antalya: Gebiz, CW1, A, H.F. 1798.

Mespilus germanica L., C3 Isparta: Sütçüler, Qb1, C2, H.F. 2374.

Crataegus orientalis Pallas ex Bieb. var. *orientalis*, C3 Antalya: Isparta, CW2, A, G3, H.F. 3024.

C. sinaica Boiss., C3 Antalya: Gebiz, CW1, A, H.F. 1501. Ir.-Tur. El.

C. stevenii Pojark., C3 Isparta: Sütçüler, T2, E1, H.F. 1997. E. Medit. El.

C. monogyna Jacq. subsp. *monogyna*, C3 Antalya: Gebiz, T2, F2, H.F. 1484.

Sorbus umbellata (Desf.) Fritsch var. *cretica* (Lindl.) Schneider, C3 Antalya: Gebiz, CW1, A, H.F. 2576.

Pyrus amygdaliformis Vill. var. *amygdaliformis*, C3 Antalya: Gebiz, CW1, QCc1, A, H.F. 1975. E. Medit. El.

MYRTACEAE

Myrtus communis L. subsp. *communis*, C3 Antalya: Isparta: Burdur, Qm2, Qb2, F1,2, C1,2, G1,5,-10, B1-5, A, H.F. 3098.

ONAGRACEAE

Epilobium parviflorum Schreber, C3 Burdur: Bucak, Qb1, G9, H.F. 1850.

E. montanum L., C3 Isparta: Sütçüler, Qb1, C2, H.F. 1120. Euro-Sib. El.

E. lanceolatum Seb. & Mauri, C3 Antalya: Gebiz, QCn4, A, H.F. 2862.

CUCURBITACEAE

Ecballium elaterium (L.) A.Rich., C3 Burdur: Bucak, S2, G2, H.F. 1967. Medit. El.

CRASSULACEAE

Umbilicus erectus DC., C3 Isparta: Sütçüler, S2, G1, H.F. 1442.

U. horizontalis (Guss.) DC. var. *horizontalis*, C3 Antalya: Gebiz, CW1, A, H.F. 1492. E. Medit. El.

Rosularia chrysantha (Boiss.) Tahkt., C3 Antalya: Gebiz, CW1, A, *, LR (lc), H.F. 2855. E. Medit. El.

R. davisii Muirhead, C3 Isparta: Sütçüler, CW2, G3, *, LR (lc), H.F. 3038. Ir.-Tur. El.

Sedum sartorianum Boiss. subsp. *sartorianum*, C3 Isparta: Sütçüler, CW2, G3, H.F. 3026.

S. laconicum Boiss. & Heldr., C3 Isparta: Sütçüler, T2, G3, H.F. 2971. E. Medit. El.

S. album L., C3 Antalya: Gebiz, CW1, A, H.F. 2535.

S. magellense Ten., C3 Antalya: Gebiz, CW1, A, H.F. 2541. Medit. El.

S. tenellum Bieb., C3 Isparta: Sütçüler, QCn1, E1, H.F. 2962.

S. sempervivoides Bieb., C3 Burdur: Bucak, T2, G2, H.F. 1892.

S. hispanicum L. var. *hispanicum*, C3 Isparta: Sütçüler, CW2, G1, H.F. 1601.

SAXIFRAGACEAE

Saxifraga tridactylites L., C3 Isparta: Sütçüler, QCn1, E3, H.F. 2948.

HAMAMELIDACEAE

Liquidambar orientalis Miller, C3 Antalya: Isparta, Ql1, F2, C1, *, VU, H.F. 1667. E. Medit. El.

APIACEAE

Astranta maxima Pallas subsp. *haradjianii* (Grintz.) Rech., C3 Burdur: Bucak, QCn1, G2, *, ?, H.F. 2734.

Actinolema macrolema Boiss., C3 Isparta: Sütçüler, CR, G1, H.F. 1613. Ir.-Tur. El.

Eryngium thorifolium Boiss., C3 Antalya: Isparta, CR, H1, *, LR (lc), H.F. 2475. E. Medit. El.

E. falcatum Delar., C3 Antalya: Isparta, Qb2, F1, G9, H.F. 1155. E. Medit. El.

E. creticum Lam., C3 Burdur: Bucak, CR, H2, H.F. 1861. E. Medit. El.

E. campestre L. var. *virens* Link, C3 Antalya: Gebiz, CR, F1, H.F. 3110.

Lagoecia cuminoides L., C3 Isparta: Sütçüler, QCj1, G1, H.F. 1627. Medit. El.

Echinophora tournefortii Jaub. & Spach, C3 Isparta: Sütçüler, QCn1, E1, G3, H.F. 2393. Ir.-Tur. El.

Anthriscus kotschyi Fenzl ex Boiss. & Bal., C3 Burdur: Bucak, Qm2, G2, H.F. 2270.

Scandix pecten-veneris L., C3 Antalya: Isparta, S1, A, G5, H.F. 1315.

S. australis L. subsp. *grandiflora* (L.) Thell., C3 Isparta: Sütçüler, CR, G1, H.F. 2367.

S. turgida (Boiss. & Bal.) Boiss., C3 Antalya: Isparta, CR, A, G1, H.F. 2336.

Bunium microcarpum (Boiss.) Freyn subsp. *microcarpum*, C3 Antalya: Gebiz, QCn2, A, H.F. 1499. E. Medit. El.

Carum multiflorum (Sm.) Boiss., C3 Antalya: Gebiz, CW1, A, H.F. 2807. E. Medit. El.

Pimpinella peregrina L., C3 Antalya: Gebiz, CW1, A, H.F. 2818.

P. cappadocica Boiss. & Bal. var. *cappadocica*, C3 Burdur: Bucak, Qm2, H2, *, LR (lc), H.F. 1847. Ir.-Tur. El.

Lecokia cretica (Lam.) DC., C3 Isparta: Sütçüler, T2, C2, H.F. 1836.

Prangos meliocarpoides Boiss. var. *meliocarpoides*, C3 Burdur: Bucak, Qm2, H2, *, LR (lc), H.F. 1872. Ir.-Tur. El.

Bupleurum heldreichii Boiss. & Bal., C3 Isparta: Sütçüler, CR, D, *, LR (lc), H.F. 1133. Ir.-Tur. El.

B. flavum Forssk., C3 Burdur: Bucak, Qb2, B4, H.F. 1690. E. Medit. El.

B. falcatum L. subsp. *polyphyllum* (Ledeb.) Wolff, C3 Isparta: Sütçüler, CW2, C2, H.F. 1843. Eux. El.

B. falcatum L. subsp. *persicum* (Boiss.) Koso-Pol., C3 Isparta: Sütçüler, CW2, C2, H.F. 1826.

Falcaria vulgaris Bernh., C3 Antalya: Isparta, Qb1, A, D, H.F. 1153.

Ferula tingitana L., C3 Burdur: Bucak, Qm2, G2, H.F. 2715. Medit. El.

Tordylum aegaeum Runem., C3 Antalya: Isparta, Qb2, H1, H.F. 921. E. Medit. El.

Torilis nodosa (L.) Gaertner, C3 Isparta: Sütçüler, Qb2, D, H.F. 1703.

T. triradiata Boiss. & Heldr., C3 Isparta: Sütçüler, Qm1, *, LR (cd), H.F. 1633. E. Medit. El.

T. arvensis (Huds.) Link. subsp. *arvensis*, C3 Antalya: Gebiz, Qm2, F2, H.F. 2527.

Orlaya daucooides (L.) Greuter., C3 Antalya: Isparta, Qb2, F1, G5, H.F. 1488. Medit. El.

Daucus guttatus Sm., C3 Isparta: Sütçüler, CW2, B2, H.F. 1687.

Artemisia squamata L., C3 Antalya: Gebiz, CW1, A, H.F. 2507.

ARALIACEAE

Hedera helix L., C3 Antalya: Isparta, Q11, A, C1, H.F. 1728.

CAPRIFOLIACEAE

Sambucus ebulus L., C3 Isparta: Sütçüler, TP1, G3, H.F. 2980. Euro-Sib. El.

Lonicera etrusca Santi. var. *etrusca*, C3 Isparta: Sütçüler, QCn4, E1, H.F. 2437. Medit. El.

VALERIANACEAE

Valeriana discoridis Sm., C3 Isparta: Sütçüler, QCn1, G1, H.F. 815.

Centranthus calcitrapa (L.) Dufur., C3 Isparta: Sütçüler, CW2, C2, H.F. 1435. Medit. El.

Valerianella tuberculata Boiss., C3 Isparta: Sütçüler, CW2, G4, H.F. 1407. Ir.-Tur. El.

V. vesicaria (L.) Moench, C3 Burdur: Bucak, T1, I4, H.F. 1976.

DIPSACACEAE

Cephalaria aristata C.Koch, C3 Isparta: Sütçüler, CR, D, H.F. 1148.

Knautia integrifolia (L.) Bert. var. *integrifolia*, C3 Burdur: Bucak, QCn1, G2, H.F. 2280. Medit. El.

Scabiosa hololeuca Bornm., C3 Isparta: Sütçüler, QCn1,2,3, G3, *, EN, H.F. 3001. Ir.-Tur. El.

S. reuteriana Boiss., C3 Antalya: Gebiz, CW1, A, *, LR (lc), H.F. 2838. E. Medit. El.

S. micrantha Desf., C3 Antalya: Gebiz, Qb2, F2, H.F. 2770.

ASTERACEAE

Ambrosia maritima L., C3 Isparta: Sütçüler, CW2, G1, H.F. 830. Medit. El.

Xanthium spinosum L., C3 Isparta: Sütçüler, T2, D, H.F. 2640.

X. strumarium L. subsp. *strumarium*, C3 Antalya: Gebiz, S1, F1,2, H.F. 2609.

Pulicaria dysenterica (L.) Bernh., C3 Antalya: Isparta, Q11, F2, C1, H.F. 3050.

Inula vulgaris (Lam.) Trevison, C3 Burdur: Bucak, T2, I4, H.F. 1980. Euro-Sib. El.

I. heterolepis Boiss., C3 Antalya: Gebiz, CW1, A, H.F. 3105. E. Medit. El.

I. anatolica Boiss., C3 Antalya: Isparta, CW2, A, E3, *, LR (lc), H.F. 3211.

I. viscosa (L.) Aiton, C3 Isparta: Sütçüler, Qb1, C2, H.F. 3177. Medit. El.

Helichrysum pamphylicum Davis & Kupicha, C3 Burdur: Bucak, T2, I3, *, LR (lc), H.F. 1718. E. Medit. El.

H. plicatum DC. subsp. *polyphyllum* (Ledeb.) Davis & Kupicha, C3 Isparta: Sütçüler, Qb1, C2, H.F. 2654.

Filago eriocephala Guss., C3 Burdur: Bucak, Qb2, B4, H.F. 2496. E. Medit. El.

Logfia arvensis (L.) Holub, C3 Antalya: Gebiz, S1, F1,2, H.F. 1041.

Conyza canadensis (L.) Cronquist, C3 Isparta: Sütçüler, CW1, E3, H.F. 2894.

Bellis perennis L., C3 Isparta: Sütçüler, TP1, G3, H.F. 1397. Euro-Sib. El.

Doronicum orientale Hoffm., C3 Isparta: Sütçüler, QCn7, D, E2, H.F. 2469.

Senecio paludosus L., C3 Isparta: Sütçüler, CW2, C2, H.F. 3206. Euro-Sib. El.

S. vulgaris L., C3 Antalya: Isparta, Qb1, F1, C2, H.F. 1425.

S. vernalis Waldst. & Kit., C3 Isparta: Sütçüler, Qm2, H1, H.F. 839.

Calendula officinalis L., C3 Isparta: Sütçüler, S2, G7, H.F. 1461.

Anthemis cretica L. subsp. *leuconthemoides* (Boiss.) Grierson, C3 Burdur: Bucak, Qb2, G9, H.F. 858.

A. chia L., C3 Antalya: Gebiz, S1, F1,2, H.F. 1520. E. Medit. El.

A. pseudocotula Boiss., C3 Antalya: Gebiz, S1, F1,2, H.F. 1351.

A. tinctoria L. var. *tinctoria*, C3 Isparta: Sütçüler, QCn1,2, E1, G3, H.F. 2985.

Achillea wilhelmsii C.Koch, C3 Isparta: Sütçüler, Qb1, C2, H.F. 3179. Ir.-Tur. El.

A. teretifolia Willd., C3 Isparta: Sütçüler, QCn7, G3, *, LR (lc), H.F. 3013. Ir.-Tur. El.

A. grandifolia Friv., C3 Isparta, QCn1, G4, H.F. 3044.

A. kotschyi Boiss. subsp. *canescens* Bässler, C3 Isparta: Sütçüler, QCn4, E1, *, LR (lc), H.F. 2889. E. Medit. El.

A. coarctata Poir., C3 Isparta: Sütçüler, QCn1, G3, H.F. 1887.

Tanacetum ciliacium (Boiss.) Grierson, C3 Antalya: Isparta: CW1, A, B5, H.F. 3185. E. Medit. El.

T. aucheri DC., C3 Isparta: Sütçüler, CR, G7, H.F. 2330.

Artemisia campestris L., C3 Burdur: Bucak, CR, G9, H.F. 1914.

Onopordum boissieri Willk., C3 Antalya: Isparta, CR, H1, *, LR (nt), H.F. 1582. E. Medit. El.

Cirsium vulgare (Savi) Ten., C3 Burdur: Bucak, Qm2, G2, H.F. 1972.

C. arvense (L.) Scop. subsp. *vestitum* (Wimmer & Grab.) Petrak, C3 Isparta: Sütçüler, Qb1, D, H.F. 1164.

Picnomon acarna (L.) Cass., C3 Antalya: Gebiz, QCn4, A, H.F. 3124. Medit. El.

Ptilostemon chamaepeuce (L.) Less., C3 Antalya: Isparta, Qb1, A, C2, H.F. 1566. E. Medit. El.

Carduus nutans L., C3 Isparta: Sütçüler, QCn1, G1, H.F. 2918.

C. rechingerianus Kazmi, C3 Antalya: Gebiz, CW1, B1, *, LR (lc), H.F. 2832. E. Medit. El.

Centaurea virgata Lam., C3 Isparta: Sütçüler, CW2, E4, H.F. 3032. Ir.-Tur. El.

C. solstitialis L. subsp. *solstitialis*, C3 Antalya: Isparta, Qm2, Qb1,2, A, D, H.F. 1144.

C. solstitialis L. subsp. *pyracantha* (Boiss.) Wagenitz, C3 Antalya: Gebiz, S1, F1,2, *, LR (nt), H.F. 2578. E. Medit. El.

C. iberica Trev. ex Sprengel, C3 Antalya: Gebiz, Qb2, G10, H.F. 1516.

C. urvillei DC. subsp. *urvillei*, C3 Antalya: Isparta, QCc2, A, E3, H.F. 1983. E. Medit. El.

C. antiochia Boiss. var. *antiochia*, C3 Burdur: Bucak, TP1, G2, *, LR (cd), H.F. 2263. E. Medit. El.

Crupina vulgaris Cass., C3 Isparta: Sütçüler, QCn1,2, E1, H.F. 2395.

Carthamus lanatus L., C3 Antalya: Isparta, CR, H1, H.F. 1721.

Xeranthemum annuum L., C3 Antalya, QCn1, F2, G4, H.F. 2898.

Echinops ritro L., C3 Antalya: Gebiz, CW1, A, H.F. 3116.

E. viscosus DC. subsp. *bithynicus* (Boiss.) Rech., C3 Isparta: Sütçüler, Qb1, D, H.F. 1856. Ir.-Tur. El.

Scolymus hispanicus L., C3 Antalya: Gebiz, CW1, A, H.F. 2531. Medit. El.

Cichorium intybus L., C3 Antalya: Isparta, T2, H1, H.F. 1675.

Scorzonera cana (C.A.Meyer) Hoffm., C3 Antalya: Isparta, S2, F1-2, H.F. 1413.

S. elata Boiss., C3 Antalya: Gebiz, Qb2, B2, H.F. 1524. E. Medit. El.

Tragopogon longirostris Bisch. ex Sch.Bip. var. *abbreviatus* Boiss., C3 Isparta: Sütçüler, CR, G1, H.F. 2360.

Leontodon tuberosus L., C3 Isparta: Sütçüler, QCn1, E4, H.F. 2906. Medit. El.

L. asperrimus (Willd.) J.Ball, C3 Isparta: Sütçüler, Qb1,2, C2, H.F. 1032. Ir.-Tur. El.

L. oxylepis Boiss. & Heldr. var. *oxylepis*, C3 Antalya: Gebiz, CW1, A, H.F. 2597. E. Medit. El.

Sonchus asper (L.) Hill subsp. *glaucescens* (Jordan) Ball, C3 Antalya: Gebiz, S1, B3, H.F. 866.

S. oleraceus L., C3 Burdur: Bucak, Qm2, G9, H.F. 2163.

Hieracium pannosum Boiss., C3 Antalya: Gebiz, CW1, A, H.F. 2591. E. Medit. El.

Pilosella piloselloides (Vill.) Sojak subsp. *piloselloides*, C3 Isparta: Sütçüler, T2, C2, H.F. 2333.

P. piloselloides (Vill.) Sojak subsp. *megalomastix* (NP.) Sell & West, C3 Isparta: Sütçüler, QCn5, E1, H.F. 1560.

Lactuca saligna L., C3 Antalya: Isparta, Qb1, Qm2, A, C2, H.F. 3174.

L. serriola L., C3 Burdur: Bucak, Qb1, G6, H.F. 2471. Euro-Sib. El.

Scariola viminea (L.) F.W.Schmidt, C3 Isparta: Sütçüler, Qb1, G8, H.F. 2927.

Lapsana communis L. subsp. *intermedia* (Bieb.) Hayek, C3 Isparta: Sütçüler, Qb1,2, G4, H.F. 962.

Taraxacum bithynicum DC., C3 Burdur: Bucak, Qm2, G2, H.F. 1346.

Chondrilla juncea L. var. *juncea*, C3 Antalya: Gebiz, S2, F1,2, H.F. 2562.

Crepis reuterana Boiss. subsp. *reuterana*, C3 Antalya: Isparta, QCn2, A, G4, H.F. 2908. E. Medit. El.

C. sancta (L.) Babcock, C3 Isparta: Sütçüler, QCc2, E1, H.F. 2620.

C. micrantha Czer., C3 Antalya: Gebiz, Qb2, G3, H.F. 2468.

CAMPANULACEAE

Campanula trachelium L., C3 Isparta: Sütçüler, T2, D, H.F. 1858. Euro-Sib. El.

C. involucrata Aucher ex A.DC., C3 Antalya: Gebiz, QCc1,2, A, H.F. 1050. Ir.-Tur. El.

C. argaea Boiss. & Bal., C3 Antalya: Gebiz, CW1, A, *, LR (lc), H.F. 2801. Ir.-Tur. El.

C. peregrina L., C3 Antalya: Gebiz, CR, D, H.F. 1730. E. Medit. El.

Asyneuma rigidum (Willd.) Grossh. subsp. *sibthorpiatum* (Roemer & Schultes) Damboldt, C3 Antalya: Gebiz, CW1, A, *, LR (lc), H.F. 2842. E. Medit. El.

Legousia falcata (Ten.) Fritsch, C3 Antalya: Gebiz, Qm2, F1,2, H.F. 1048. Medit. El.

ERICACEAE

Erica manipuliflora Salisb., C3 Antalya: Isparta, T1,2, F1,2, I1,2,3, G5, H.F. 1054. E. Medit. El.

Arbutus andrachne L., C3 Antalya: Isparta: Burdur, Qb2, A, H.F. 3043.

PRIMULACEAE

Cyclamen cilicium Boiss. & Heldr. var. *cilicium*, C3 Isparta: Sütçüler, QCn7, E1, *, LR (nt), H.F. 2390. E. Medit. El.

Lysimachia atropurpurea L., C3 Antalya: Gebiz, S2, F2, H.F. 1043. E. Medit. El.

Anagallis arvensis L. var. *arvensis*, C3 Antalya: Gebiz, S1, F1,2, H.F. 1309.

A. foemina Miller, C3 Isparta: Sütçüler, S2, G1, H.F. 833. Medit. El.

STYRACACEAE

Styrax officinalis L., C3 Antalya: Isparta, Qb1, T1, A, C2, H.F. 1415.

OLEACEAE

Jasminum fruticans L., C3 Antalya: Gebiz, CW1, A, H.F. 2804. Medit. El.

Fontanesia phillyreoides Labill. subsp. *phillyreoides*, C3 Burdur: Bucak, Qb2, G9, H.F. 2176. E. Medit. El.

Fraxinus ornus L. subsp. *cilicica* (Lingelsh.) Yalt., C3 Isparta: Sütçüler, T1, C2, *, LR (lc), H.F. 891. E. Medit. El.

Olea europaea L. var. *sylvestris* (Miller) Lehr., C3 Antalya: Isparta: Burdur, Qm1, C2, F1,2, G1,5-10, H.F. 2615. Medit. El.

Phillyrea latifolia L., C3 Antalya: Isparta: Burdur, Qm2, Qb2, F1,2, G1,5-10, H.F. 2588. Medit. El.

APOCYNACEAE

Nerium oleander L., C3 Antalya: Isparta, T1, F1,2, G1,5-10, I1,6, H.F. 2122. Medit. El.

ASCLEPIADACEAE

Cionura erecta (L.) Griseb., C3 Antalya: Gebiz, CW1, A, H.F. 2523. E. Medit. El.

GENTIANACEAE

Centaurium erythraea Rafn. subsp. *erythraea*, C3 Burdur: Bucak, T2, I4, H.F. 1738. Euro-Sib. El.

CONVOLVULACEAE

Convolvulus cantabrica L., C3 Antalya: Isparta, Qb2, F1-2, G1, H.F. 2594.

C. lineatus L., C3 Isparta: Sütçüler, CW2, G1, H.F. 619.

C. arvensis L., C3 Antalya: Isparta, S2, F1-2, G1, H.F. 1651.

Calystegia soldanella (L.) R.Br., C3 Isparta: Sütçüler, Qb1, G1, H.F. 2834.

CUSCUTACEAE

Cuscuta monogyna Vahl. subsp. *esquamata* (Engelmann) Plitm., C3 Burdur: Bucak, Qm2, G2, H.F. 1897.

BORAGINACEAE

Heliotropium haussknechtii Bunge, C3 Isparta: Sütçüler, Qb1,2, D, *, LR (lc), H.F. 1841. E. Medit. El.

H. hirsutissimum Grauer, C3 Antalya: Gebiz, S2, F1, H.F. 2687. E. Medit. El.

Myosotis incrassata Guss., C3 Isparta: Sütçüler, S2, G4, H.F. 980. E. Medit. El.

M. litoralis Steven ex Bieb., C3 Isparta: Sütçüler, Qb1, D, H.F. 2169. E. Medit. El.

M. ramosissima Rochel ex Schultes subsp. *ramosissima*, C3 Burdur: Bucak, Qm2, G9, H.F. 1358.

M. refracta Boiss. subsp. *refracta*, C3 Antalya: Gebiz, Qc2, A, H.F. 2231. E. Medit. El.

M. arvensis (L.) Hill subsp. *arvensis*, C3 Isparta: Sütçüler, Qc1, G3, H.F. 973. Euro-Sib. El.

M. lithospermifolia (Willd.) Hornem., C3 Isparta: Sütçüler, Qc1, G1, H.F. 967.

M. laxa Lehm. subsp. *caespitosa* (C.F.Schultz) Hyl. ex Nordh., C3 Isparta: Sütçüler, CR, G8, H.F. 2400.

Solenanthus stamineus (Desf.) Wettst., C3 Isparta: Sütçüler, Qb1,2, D, H.F. 1348.

Cynoglossum montanum L., C3 Isparta: Sütçüler, Qc2, E1, H.F. 2432. Euro-Sib. El.

Lithospermum officinale L., C3 Isparta: Sütçüler, Qm2, H1, H.F. 2166. Euro-Sib. El.

Buglossoides arvensis (L.) Johnston, C3 Burdur: Bucak, S2, G2, H.F. 2255.

Echium italicum L., C3 Antalya: Isparta, CR, A, G3, H.F. 2883. Medit. El.

Onosma oreodoxum Boiss., C3 Burdur: Bucak, Qb2, H1, H.F. 1744. E. Medit. El.

Symphytum orientale L., C3 Isparta: Sütçüler, Qb2, C2, H.F. 2356. Euro-Sib. El.

Anchusa leptophylla Roemer & Schultes subsp. *incana* (Ledeb.) Chamb., C3 Isparta: Sütçüler, Qb1, G1, *, LR (lc), H.F. 2350. Ir.-Tur. El.

A. azurea Miller var. *azurea*, C3 Antalya: Gebiz, S1, B3, H.F. 1536.

A. limbata Boiss. & Heldr., C3 Isparta: Sütçüler, TP1, G3, H.F. 2258. E. Medit. El.

Alkanna incana Boiss., C3 Isparta: Sütçüler, CW2, G8, *, LR (cd), H.F. 2749. E. Medit. El.

A. areolata Boiss. var. *areolata*, C3 Burdur: Bucak, Qm2, H2, *, EN, H.F. 1698. E. Medit. El.

A. sieheana Rech., C3 Isparta: Bucak, CR, G5, *, LR (cd), H.F. 2219. E. Medit. El.

SOLANACEAE

Solanum nigrum L. subsp. *nigrum*, C3 Antalya: Burdur, T2, F1, I5, H.F. 1225.

S. dulcamara L., C3 Isparta: Sütçüler, Qc1, E1, H.F. 1107. Euro-Sib. El.

Physalis alkekengi L., C3 Isparta: Sütçüler, Qb1, C2, H.F. 3136.

Datura stramonium L., C3 Burdur: Bucak, Qm2, G2, H.F. 2743.

SCROPHULARIACEAE

Verbascum nudatum Murb. var. *nudatum*, C3 Burdur: Bucak, Qb1, B4, *, LR (nt), H.F. 873. E. Medit. El.

V. oocarpum Murb., C3 Isparta: Sütçüler, Qb1, G1, *, VU, H.F. 2644. Ir.-Tur. El.

V. elegantulum Hub.-Mor., C3 Isparta: Sütçüler, T2, D, *, DD, H.F. 2634. Ir.-Tur. El.

V. olympicum Boiss., C3 Burdur: Bucak, Qm2, G9, *, LR (cd), H.F. 2147. Euro-Sib. El.

V. glomeratum Boiss., C3 Isparta: Sütçüler, Qc1, G3, H.F. 1999. Ir.-Tur. El.

V. chrysochaete Stapf, C3 Antalya: Gebiz, Qb2, A, *, LR (nt), H.F. 2823. E. Medit. El.

V. leptocladum Boiss. & Heldr., C3 Burdur: Bucak, CR, G2, *, EN, H.F. 1924. E. Medit. El.

V. orgyale Boiss. & Heldr., C3 Antalya: Gebiz, CW1, A, *, LR (nt), H.F. 1021. E. Medit. El.

Scrophularia cryptophila Boiss. & Heldr., C3 Isparta: Sütçüler, CW1, A, *, LR (lc), H.F. 2391. E. Medit. El.

S. pinardii Boiss., C3 Isparta: Sütçüler, CW1, D, H.F. 2473. E. Medit. El.

Linaria kurdica Boiss. & Hohen. subsp. *kurdica*, C3 Isparta: Sütçüler, Qb1, C2, H.F. 2667. Ir.-Tur. El.

Kickxia commutata (Bernh. ex Reichb.) Fritsch subsp. *graeca* (Bory & Chaub) R. Fernandes, C3 Antalya: Gebiz, S1, F1,2, H.F. 1534. E. Medit. El.

Digitalis cariensis Boiss. ex Jaub. & Spach, C3 Antalya: Isparta, Qc4, A, G8, *, LR (lc), H.F. 2890. E. Medit. El.

Veronica syriaca Roemer & Schultes, C3 Antalya: Gebiz, S1, F1,2, H.F. 1312. E. Medit. El.

V. biloba Schreber, C3 Burdur: Bucak, Qm2, G9, H.F. 2149. Ir.-Tur. El.

V. cymbalaria Bodard, C3 Isparta: Sütçüler, Qc1,2, G8, H.F. 952. Medit. El.

V. trichadena Jordan & Fourc., C3 Antalya: Gebiz, CW1, A, H.F. 2677. Medit. El.

V. triloba (Opiz) Kerner, C3 Burdur: Bucak, CR, G2, H.F. 2285.

V. caespitosa Boiss. var. *caespitosa*, C3 Isparta: Sütçüler, Qb1, C2, *, LR (lc), H.F. 1459. E. Medit. El.

V. pectinata L. subsp. *glandulosa* Riek ex M.A.Fisch., C3 Isparta: Sütçüler, Qb1, G1, H.F. 2183.

V. cuneifolia D.Don. subsp. *cuneifolia*, C3 Antalya: Gebiz, Qc4,5, E1,2, *, LR (lc), H.F. 2701.

V. orientalis Miller subsp. *nimrodi* (Richter ex Stapf) M.A.Fisch., C3 Isparta: Sütçüler, S2, G3, *, LR (lc), H.F. 981.

OROBANCHACEAE

Orobanche mutellii F.Schultz, C3 Isparta: Sütçüler, Qb1, D, H.F. 2152.

O. fuliginosa Reuter, C3 Isparta: Sütçüler, CW2, E3, H.F. 3005. Medit. El.

VERBENACEAE

Verbena officinalis L., C3 Burdur: Bucak, CR, G6, H.F. 2480.

Vitex agnus-castus L., C3 Antalya: Gebiz, T1,2, F1,2, 1,5,6,9,10, I1-6, H.F. 2849. Medit. El.

LAMIACEAE

Ajuga chamaepitys (L.) Schreber subsp. *chia* (Schreber) Arcangeli var. *chia*, C3 Antalya: Isparta, Qb1, A, C2, H.F. 1734.

Teucrium chamaedrys L. subsp. *chamaedrys*, C3 Antalya: Burdur, Qb2, A, H1, H.F. 1756. Euro-Sib. El.

T. polium L., C3 Antalya: Gebiz, Qm2, F2, H.F. 2797.

Scutellaria albida L. subsp. *albida*, C3 Isparta: Sütçüler, QCc2, E1,2, H.F. 1102. E. Medit. El.

Phlomis lunariifolia Sm., C3 Burdur: Bucak, Qb1, B4, H.F. 1158. E. Medit. El.

P. grandiflora H.S.Thomps. var. *grandiflora*, C3 Antalya: Isparta, Qb1, A, C2, *, ?, H.F. 1804. E. Medit. El.

P. leucophracta P.H.Davis & Hub.-Mor., C3 Isparta: Sütçüler, Qb2, B2, *, LR (nt), H.F. 1141. E. Medit. El.

P. armeniaca Willd., C3 Antalya: Gebiz, CW1, A, *, LR (lc), H.F. 2857. Ir.-Tur. El.

Lamium garganicum L. subsp. *reniforme* (Montbret & Aucher ex Benth) R.Mill, C3 Antalya: Gebiz, QCc2, A, H.F. 2554.

L. maculatum L. var. *maculatum*, C3 Isparta: Sütçüler, Qm2, H1, H.F. 1201. Euro-Sib. El.

Marrubium globosum Montbret & Aucher ex Benth subsp. *globosum*, C3 Antalya: Isparta, CW2, A, E3, *, LR (lc), H.F. 2986. Ir.-Tur. El.

Sideritis lanata L., C3 Antalya: Isparta, T2, H1, H.F. 1220. E. Medit. El.

S. curvidens Stapf, C3 Isparta: Sütçüler, Qb2, G5, H.F. 1637. E. Medit. El.

S. montana L. subsp. *montana*, C3 Antalya: Gebiz, CW1, A, H.F. 2533. Medit. El.

S. condensata Boiss. & Heldr. apud Benth, C3 Isparta: Burdur, Qb2, G2-3, *, LR (cd), H.F. 2266. E. Medit. El.

S. libanotica Labill. subsp. *linearis* (Benth) Bornm., C3 Antalya: Isparta, Qb1, A, D, *, LR (lc), H.F. 1173.

Stachys cretica L. subsp. *vacillans* Rech., C3 Isparta: Sütçüler, QCc1,2, E1,2, H.F. 2342. E. Medit. El.

S. lavandulifolia Vahl var. *lavandulifolia*, C3 Antalya: Gebiz, CW1, A, H.F. 2550. Ir.-Tur. El.

S. antalyensis Y. Ayaşlıgil & P.H.Davis, C3 Isparta: Sütçüler, CW2, C2, *, VU, H.F. 1423. E. Medit. El.

Melissa officinalis L. subsp. *altissima* (Sm.) Arcangeli, C3 Isparta: Sütçüler, Qm2, B2, H.F. 1752. E. Medit. El.

Nepeta cadmea Boiss., C3 Isparta: Sütçüler, QCc2, G8, *, LR (lc), H.F. 2398. E. Medit. El.

N. caesarea Boiss., C3 Isparta: Sütçüler, QCc1, E4, *, LR (nt), H.F. 2434. E. Medit. El.

Prunella vulgaris L., C3 Isparta: Sütçüler, Qb1, G1, H.F. 1748. Euro-Sib. El.

P. orientalis Bornm., C3 Burdur: Bucak, Qm2, G2, H.F. 2738.

Origanum minutiflorum O.Schwarz & P.H.Davis, C3 Antalya: Gebiz, CW1, A, *, VU, H.F. 2865. E. Medit. El.

O. onites L., C3 Isparta: Sütçüler, QCn1, G4, H.F. 2929. E. Medit. El.

Satureja thymbra L., C3 Isparta: Sütçüler, Qb1, C2, H.F. 2345. E. Medit. El.

Calamintha nepeta (L.) Savi. subsp. *nepeta*, C3 Antalya: Gebiz, CW1, A, H.F. 1024. E. Medit. El.

Clinopodium vulgare L. subsp. *arundanum* (Boiss.) Nyman, C3 Isparta: Sütçüler, T2, D, H.F. 1740.

Micromeria myrtifolia Boiss. & Hohen., C3 Burdur: Bucak, Qm2, G9, H.F. 1187. Medit. El.

Thymus revolutus Celak, C3 Antalya: Gebiz, CM1, G6, *, VU, H.F. 2773. E. Medit. El.

T. leucotrichus Hal. var. *austroanatolicus* Jalas, C3 Antalya: Gebiz, CW1, A, H.F. 2803.

T. longicaulis C.Presl subsp. *chaubardii* var. *antalyanus* (Klokov) Jalas, C3 Antalya: Gebiz, CW1, A, *, LR (nt), H.F. 2811

Thymbra spicata L. var. *spicata*, C3 Burdur: Bucak, T2, I4, H.F. 1760. E. Medit. El.

Mentha pulegium L., C3 Antalya: Isparta, T2, H1, H.F. 1234.

Lycopus europaeus L., C3 Isparta: Sütçüler, T2, H1, H.F. 1229. Euro-Sib. El.

Ziziphora capitata L., C3 Isparta: Sütçüler, QCc2, E1,2, H.F. 2661. Ir.-Tur. El.

Salvia viridis L., C3 Antalya: Isparta, Qb1, F1-2, C1, H.F. 1750. Medit. El.

S. sclarea L., C3 Isparta: Sütçüler, CR, G1, H.F. 1572.

S. verticillata L. subsp. *amasiaca* (Frey & Bornm.) Bornm., C3 Burdur: Bucak, T2, I4, H.F. 2754. Ir.-Tur. El.

S. tomentosa Miller, C3 Antalya: Gebiz, QCn2, A, H.F. 1555. Medit. El.

PLANTAGINACEAE

Plantago major L. subsp. *major*, C3 Antalya: Gebiz, T1, F1, H.F. 2240.

P. crassifolia Forsskal, C3 Isparta: Sütçüler, QCn1, C2, H.F. 887. Medit. El.

P. holosteam Scop., C3 Isparta: Sütçüler, CR, G3, H.F. 1405. Medit. El.

P. cretica L., C3 Antalya: Gebiz, CM1, F1, H.F. 1508. E. Medit. El.

P. scabra Moench, C3 Isparta: Sütçüler, T2, I6, H.F. 2328.

THYMELAEACEAE

Daphne sericea Vahl, C3 Antalya: Isparta, CW2, A, E4, H.F. 2896. E. Medit. El.

D. oleoides Schreber subsp. *oleoides*, C3 Antalya: Gebiz, CW1, A, H.F. 2572.

D. gnidioides Jaub. & Spach, C3 Antalya: Gebiz, Qm2, G5, H.F. 1026. E. Medit. El.

LAURACEAE

Laurus nobilis L., C3 Antalya: Isparta, Q11, Qb1,2, F1, C1, H.F. 1768. *Medit. El.*

SANTALACEAE

Thesium bergeri Zucc., C3 Isparta: Sütçüler, QCn2, G8, H.F. 2405. *E. Medit. El.*

LORANTHACEAE

Arceuthobium oxycedri (DC.) Bieb., C3 Isparta: Sütçüler, QCn1, CW2, G4, H.F. 2911.

Viscum album L. subsp. *album*, C3 Antalya: Isparta, QCn3-5, QCC2, E1,4, G3,4,7,8, H.F. 1988.

ARISTOLOCHIACEAE

Aristolochia clematitis L., C3 Burdur: Bucak, S2, G2, H.F. 2273. *Euro-Sib. El.*

A. maurorum L., C3 Isparta: Sütçüler, CR, G5, H.F. 1513. *Ir.-Tur. El.*

EUPHORBIACEAE

Andrachne telephioides L., C3 Isparta: Sütçüler, Qb1, C2, H.F. 3146.

Chrozophora tinctoria (L.) Rafin., C3 Isparta: Sütçüler, T1, D, H.F. 1754.

Mercurialis annua L., C3 Burdur: Bucak, Qm2, H2, H.F. 1383.

Euphorbia chamaesyce L., C3 Burdur: Bucak, T1, I5, H.F. 1764.

E. falcata L. subsp. *falcata* var. *falcata*, C3 Burdur: Bucak, Qb1, G6, H.F. 2485.

E. herniariifolia Willd. var. *herniariifolia*, C3 Isparta: Sütçüler, CR, H1, H.F. 905.

E. rigida Bieb., C3 Antalya: Gebiz, T2, F2, H.F. 2236. *Medit. El.*

E. kotschyana Fenzl, C3 Antalya: Gebiz, QCc2, A, H.F. 2827. *E. Medit. El.*

URTICACEAE

Urtica dioica L., C3 Isparta: Sütçüler, CR, G5, H.F. 2627. *Euro-Sib. El.*

MORACEAE

Morus nigra L., C3 Antalya: Isparta, S1, A, G1, H.F. 1052.

Ficus carica L. subsp. *carica*, C3 Isparta: Sütçüler, Q11, C1, H.F. 1765

ULMACEAE

Celtis glabrata Steven ex Planchon, C3 Isparta: Sütçüler, T1, C2, H.F. 1569.

JUGLANDACEAE

Juglans regia L., C3 Antalya: Isparta, CR, A, G4, H.F. 2920.

PLATANACEAE

Platanus orientalis L., C3 Antalya: Isparta, T1,2, F1-2, Q11, I1-6, H.F. 1715.

FAGACEAE

Quercus infectoria Oliver subsp. *boissieri* (Reuter) O. Schwarz, C3 Isparta: Sütçüler, Qb1, T1, C2, H.F. 1429.

Q. cerris L. var. *cerris*, C3 Antalya: Isparta, CW1, A, H.F. 2363. *Medit. El.*

Q. coccifera L., C3 Antalya: Isparta: Burdur, Qm2,3, A, B1-5, C2, F1,2, G1,4-10, H.F. 2388. *Medit. El.*

BETULACEAE

Alnus orientalis Decne. var. *orientalis*, C3 Isparta: Sütçüler, T1, C2, H.F. 2629. *E. Medit. El.*

SALICACEAE

Salix alba L., C3 Isparta: Sütçüler, Q11, C1, H.F. 1665.

Populus nigra L. subsp. *caudina* (Ten.) Bugala, C3 Antalya: Gebiz, T1,2, F1,2, H.F. 2457.

RUBIACEAE

Sherardia arvensis L., C3 Isparta: Sütçüler, TP1, G3, H.F. 1409. *Medit. El.*

Crucianella latifolia L., C3 Antalya: Gebiz, CM1, F1,2, H.F. 2876. *Medit. El.*

Asperula arvensis L., C3 Burdur: Bucak, S2, G2, H.F. 1909. *Medit. El.*

A. setosa Jaub. & Spach, C3 Isparta: Sütçüler, QCn1, E2, G1, H.F. 2372. *Ir.-Tur. El.*

A. serotina (Boiss. & Heldr.) Ehrend., C3 Antalya: Gebiz, CW1, A, *, LR (nt), H.F. 2560. *E. Medit. El.*

Galium rotundifolium L., C3 Antalya: Gebiz, CR, G7, H.F. 1650. *Euro-Sib. El.*

G. verum L. subsp. *verum*, C3 Isparta: Sütçüler, T1,2, D, H.F. 1697. *Euro-Sib. El.*

G. heldreichii Hal., C3 Antalya: Gebiz, CW1, A, H.F. 1047. *E. Medit. El.*

G. setaceum Lam., C3 Burdur: Bucak, Qm2,3, H2, H.F. 2466.

G. peplidifolium Boiss., C3 Isparta: Sütçüler, QCn4,5, E1, H.F. 945. *E. Medit. El.*

Valantia hispida L., C3 Antalya: Gebiz, T1,2, F1,2, H.F. 1522.

Rubia rotundiflora Banks & Sol., C3 Isparta: Sütçüler, QCn1, E2, H.F. 1444. *E. Medit. El.*

R. tenuifolia d'Urv. subsp. *donietii* (Griseb.) Ehrend & Schönb. Tem., C3 Antalya: Gebiz, Qb2, F2, H.F. 2226. *E. Medit. El.*

R. tinctorum L., C3 Isparta: Sütçüler, CR, D, H.F. 1180. *Ir.-Tur. El.*

ANGIOSPERMAE

LILIOPSIDA

ARACEAE

Arum dioscoridis Sm. var. *dioscoridis*, C3 Burdur: Bucak, Qm2, H2, H.F. 1920. *E. Medit. El.*

Dracunculus vulgaris Schott, C3 Isparta: Sütçüler, T2, C2, H.F. 2358. *E. Medit. El.*

LILIACEAE

Smilax excelsa L., C3 Isparta: Sütçüler, Q11, C1, H.F. 1736. *Eux. El.*

Ruscus aculeatus L. var. *angustifolius* Boiss., C3 Isparta: Sütçüler, Q11, C1, H.F. 1656.

Asparagus acutifolius L., C3 Isparta: Sütçüler, Q11, C1, H.F. 1742. *Medit. El.*

Convallaria majalis L. var. *transcaucasica* (Utkin ex Grossh.) Knorr., C3 Isparta: Sütçüler, QCn1, G8, H.F. 2396. *Eux. El.*

Allium paniculatum L. subsp. *paniculatum*, C3 Isparta: Sütçüler, Qb1, D, H.F. 2141. *Medit. El.*

A. junceum Sm. subsp. *junceum*, C3 Isparta: Sütçüler, Qb1, B2, H.F. 2461. E. Medit. El.

Ornithogalum orthophyllum Ten., C3 Antalya: Gebiz, HQCn7, A, H.F. 2245.

O. nivale Boiss., C3 Antaşa: Isparta, Qb1, A, C2, *, LR (lc), H.F. 1411. E. Medit. El.

Muscari comosum (L.) Miller, C3 Antalya: Gebiz, S1, F1,2, H.F. 1298. Medit. El.

M. neglectum Guss., C3 Burdur: Bucak, Qm2, G2, H.F. 848.

Bellevalia tauri Feinbrun, C3 Burdur: Bucak, Qm2, H2, *, LR (lc), H.F. 855. E. Medit. El.

AMARYLLIDACEAE

Pancratium maritimum L., C3 Antalya: Gebiz, Qb1, F2, H.F. 2134. Medit. El.

IRIDACEAE

Gladiolus anatolicus L., C3 Isparta: Sütçüler, Q11, C1, *, LR (lc), H.F. 1775. E. Medit. El.

ORCHIDACEAE

Cephalanthera rubra (L.) Rich., C3 Isparta: Sütçüler, QCn1, E1, H.F. 976.

Epipactis helleborine (L.) Crantz, C3 Isparta: Sütçüler, QCn1, G4, H.F. 2430.

Orchis anatolica Boiss., C3 Isparta: Sütçüler, Qb1, C2, H.F. 2339. Medit. El.

Dactylorhiza saccifera (Brongn.) Soo, C3 Burdur: Bucak, Qb1, G9, H.F. 2160. E. Medit. El.

JUNCEAE

Juncus maritimus Lam., C3 Isparta: Sütçüler, T1, D, H.F. 1770.

J. sphaerocarpus Ness, C3 Isparta: Sütçüler, T1, D, H.F. 1762.

J. capitatus Weigel, C3 Isparta: Sütçüler, T2, I2, H.F. 2014.

J. articulatus L., C3 Antalya: Gebiz, T1, F2, H.F. 2223. Euro-Sib. El.

CYPERACEAE

Cyperus rotundus L., C3 Burdur: Bucak, T2, G6, H.F. 2449.

Scirpoides holoschoenus (L.) Sojak, C3 Isparta: Sütçüler, T1, D, H.F. 2453.

Carex divulsa Stokes subsp. *divulsa*, C3 Burdur: Bucak, T2, I4, H.F. 1685. Euro-Sib. El.

C. muricata L., C3 Burdur: Bucak, T1, I4, H.F. 1772. Euro-Sib. El.

POACEAE

Brachypodium pinnatum (L.) Beauv., C3 Isparta: Sütçüler, QCn2, G8, H.F. 2925. Euro-Sib. El.

Trachynia distachya (L.) Link, C3 Isparta: Sütçüler, Qb2, B2, H.F. 1691. Medit. El.

Hordeum bulbosum L., C3 Isparta: Sütçüler, CR, G1, H.F. 1726.

Bromus danthoniae Trin., C3 Isparta, T1, D, H.F. 1142.

B. tectorum L., C3 Antalya: Gebiz, QCc2, A, H.F. 2819.

B. madritensis L., C3 Burdur: Bucak, T1, I4, H.F. 1732.

B. tomentellus Boiss., C3 Antalya: Gebiz, CW1, A, H.F. 2790. Ir.-Tur. El.

Alopecurus arundinaceus Poirer, C3 Isparta: Sütçüler, CR, H1, H.F. 1860. Euro-Sib. El.

A. vaginatus (Willd.) Boiss., C3 Isparta: Sütçüler, Qb1, D, H.F. 1136.

Festuca valesiaca Schleicher ex Gaudin, C3 Isparta: Sütçüler, QCn7, E1,2, H.F. 2604.

Lolium temulentum L. var. *arvense* (With.) Liljeb., C3 Antalya: Gebiz, S1, F1,2, H.F. 1517.

L. rigidum Gaudin var. *rigidum*, C3 Burdur: Bucak, Qm2, H2, H.F. 1355.

Psilurus incurvus (Gouan) Schinz & Thell., C3 Isparta: Sütçüler, QCc2, E1, H.F. 1638.

Poa annua L., C3 Antalya: Gebiz, S1, B3, H.F. 2490.

P. bulbosa L., C3 Antalya: Gebiz, T1, I1, H.F. 1030.

Dactylis glomerata L. subsp. *hispanica* (Roth) Nyman, C3 Burdur: Bucak, Qb2, G2, H.F. 2298.

Briza maxima L., C3 Isparta: Sütçüler, Qb1, C2, H.F. 2365.

Stipa bromoides (L.) Dörfler, C3 Isparta: Sütçüler, QCc2, G8, H.F. 2414. Medit. El.

Eragrostis minor Host, C3 Antalya: Gebiz, S2, A, H.F. 2600.

Cynodon dactylon (L.) Pers. var. *dactylon*, C3 Antalya: Gebiz, T1, I1, H.F. 1027.

Setaria viridis (L.) Beauv., C3 Antalya: Gebiz, S1, F1,2, H.F. 1481.

Sorghum halepense (L.) Pers. var. *muticum* (Hackel) Grossh., C3 Isparta: Sütçüler, Qb1, D, H.F. 2451.

Chrysopogon gryllus (L.) Trin subsp. *gryllus*, C3 Antalya: Gebiz, CW1, A, H.F. 2586.

Hyparrhenia hirta (L.) Stapf, C3 Burdur: Bucak, T2, I4, H.F. 1778.