

Nermin Orcan, Rıza Binzet & Ersin Yaylalıođlu

## The flora of Fındıkpınarı (Mersin-Turkey) Plateau

### Abstract

Orcan, N., Binzet, R. & Yaylalıođlu, E.: The flora of Fındıkpınarı (Mersin-Turkey) Plateau. — Fl. Medit. 14: 309-345. 2004. — ISSN 1120-4052.

This research deals with the Flora of Fındıkpınarı plateau. Between the years 1997-2002, by evaluating the collected 755 specimens, 52 family, 149 genera and 327 species were identified. The number of different taxa is 462. The number of endemic species is 85 (18.3 %). The distribution of taxa according to the phytogeographic region are as follows; Mediterranean elements 39 (8.4 %); East mediterranean elements 101 (21.8 %); Euxine elements 4 (0.8 %); Irano-Turanian elements 57 (12.3 %) and Euro-Siberian elements 19 (4.1 %). The remaining 242 cosmopolitan or species of the whole phytogeographical region are undetermined. The largest familia according to number of the species is *Fabaceae*. The largest genus is *Trifolium*.

### Introduction

Fındıkpınarı, is one of the plateaus used as a settlement place. Fındıkpınarı plateau was chosen as the research area for the following reasons: 1- No extensive study of this research area has yet been carried out, 2- Research area is on the Bolkar mountains which is an interesting place from the point of endemism of Turkey, 3- In recent years increasing building construction, pastorage and overpopulation are threatening natural flora, 4- To identify the species in danger as a result of building construction in the area and to make suggestions in order to project the environment.

The study area is located in Mersin vilayet (province) and has 1250 m altitude. The climate of the research area was examined using the data meteorology station in Aslanköy at between 1965-1986. The average rainfall is 817.9 mm in a year, the average temperature 9.8 °C, the minimum mean temperature is 0.4 °C in January, the maximum mean temperature is 20 °C in July and August (Anonymus 1991).

The floristic structure of Taurus mountains are researched by T. Kotschy (1813-1866) and published. The seller of flowers with bulbs is W. E. Siehe (1859-1929) was lived in Fı Fındıkpınarı for 25 years. Strabon (M.Ö.65-M.S.23) who is famous writer was mentioned in his Geography Book that was growed up *Crocus sativus* L. at (Silifke) Korykos (Baytop 2000).

The geological structure of the area is formed upper Crataceous ultramorphic and serpentine. Common soil formations distinguished in the area are as follows: brown forest soils, reddish Mediterranean soils and brown calcareous soils. The research area is belong to Upper Mediterreanean Vegetation zone This zone from 1100-1600m, common species

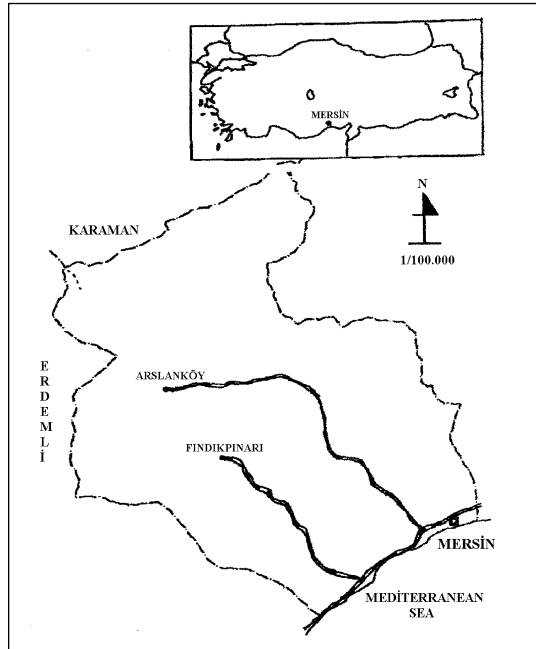


Fig. 1. Geographic map of study area.

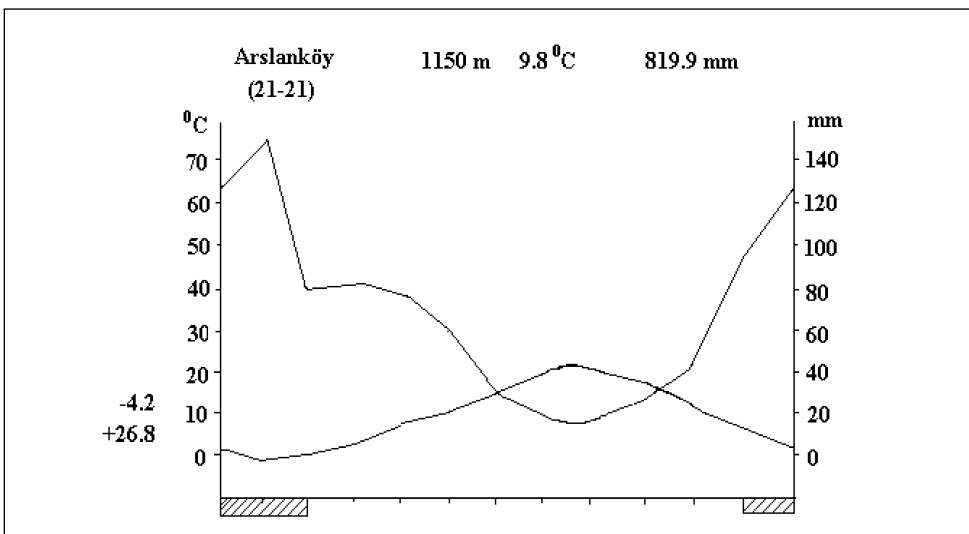


Fig. 2. Ombrothermic diagram of Arslanköy.

Table 1. Temperature Values in the Arslanköy Station (°C).

Temperature	Year	1	2	3	4	5	6	7	8	9	10	11	12	Annual
Mean Temperature	21	- 0.4	- 0.1	3.7	8.1	12.4	17.1	20.2	20.2	17	11.9	6.4	1.5	9.8
Mean Maximum Temperature	21	5.6	6.2	9.5	14	18	22.7	26.1	26.8	24.2	18.8	12.6	7.5	16
Mean Minimum Temperature	21	- 4.2	- 4.2	0.4	3.7	7.2	11.3	14.1	14.2	11.4	7.2	2.4	-1.8	5.1

Table 2. Mean precipitation values in the Arslanköy Station (mm).

Station	Year	1	2	3	4	5	6	7	8	9	10	11	12	Annual
Arslanköy	21	147.4	79.8	80.8	75.5	61.1	31.9	20.6	21.5	26.8	46.3	97.5	128.7	817.9

are *Pinus nigra*, *Juniperus excelsa* and *Cedrus libani*. But *Cedrus* have reduced because of forest destruction and became communities together *Pinus* and *Juniperus*. (Gemici 1995).

## Material and methods

The research materials were comprised 755 plant specimens collected in Fındıklı plateau. All plant specimens were identified according to The Flora of Turkey (Davis 1965-1985) and Flora Europe (Tutin & al. 1986) and the other floristic references (Altan & al. 1989; Huber-Morath 1987, 1988; Donner 1990; Düzenli & al. 1996; Sümbül & Erik 1998a, 1990, 1998b; Gemici 1994; Dinç 1997). The sequence of families, genera and species in the plant list is alphabetical. After the name of every species in the list, location, herbarium number and phytogeographical regions and endemisms.

The abbreviations used are as follows: Medit.: Mediterranean element, E. Medit: East Mediterranean element, Ir.-Tur.: Irano-Turanian element, Eur-Sib.: Euro- Siberian element, Cosmp.: Cosmopolitan, End: Endemic.

## Results and discussion

During the floristic studies of the Fındıklı plateau in Mersin vil. carried out between 1997-2002, a total of 462 vascular plant taxa belonging to 149 genera and 52 families and 327 species were found. 85 species are endemic. The distribution of plant taxa according to phytogeographical regions are as follows: Mediterranean 39 (8.4 %). East Mediterranean 101 ( 21.8 %), Irano-Turanian 57 (12.3%), Euro-Siberian 19 (4.1 %), cosmopolitan and unknown 242 (52.3 %).

The comparison of the percentages of the distribution of the species in the floristic regions are from three floristic studies carried out in Mediterranean region between this research are as follows:

Our results are similar to Sümbül & Erik (1990; 1998a; 1998b) and Gemici (1994;

Floristic region	Current study	Balandız- Gökbelen (Everest et al.2003)	Bolkar mount. (Gemici 1994)	Taşeli plateau (Sümbül&Erik 1988)	Sarısu-Saklıkent (Dinç 1997)
Mediterranean	30.2	28.16	26	29	35.75
Irano-Turanian	12.3	10.79	13.98	16.9	5.84
Euro-Siberian	4.1	3.54	4.92	5.8	2.42
Cosmp. & Unknown	52.3	57.51	54.16	48.2	55.5

1995). The reason for this can be explained because of the proximity of the near regions to each other, and because of similar geological, climatic and ecological conditions. But, on study of Dinç (1997), the number of Mediterranean elements are more of our results due to the large part of region takes place in Mediterranean phytogeographical region.

85 species that determined are endemic and the rate of total species 18.3. The distribution of endemic species to phytogeographic regions as follows; East Mediterranean elements 47 (46.5 %), Irano-Turanian elements 19 (33.3 %) and unknown of phytogeographical region 19 (7.8 %).

The families that contain the highest number of taxa are: *Fabaceae* 62 (13.4 %), *Lamiaceae* 43 (9.3 %) *Brassicaceae* 45 (9.7 %), *Asteraceae* 36 (7.7 %) and *Boraginaceae* 32 (6.9 %). The genera with the highest number of species are: *Trifolium* 12 (2.5 %), *Alyssum* 11 (2.3 %) *Ranunculus* and *Euphorbia* 10 (2.1 %). The largest familia and genus are also relatively widespread in Turkey.

## References

- Anonymus 1991: Mersin İli Arazi Varlığı, Tarım Orman ve Köy İşleri Bakanlığı. — Köy Hizmetleri Genel Müdürlüğü Yayınları, İl Raporu No: **33**, 140s. — Ankara.
- Altan, Y. & Şahin, A. 1989: Türkiye Florası'ndaki Çeşitli Kareler (B7, B8, C5, C7, C9) için Yeni Kayıtlar. — Doğa Türk Bot. Derg. **13(2)**: 109-116
- Baytop, T. 2000: Anadolu dağlarında 50 yıl, s: 92-94.
- Davis, P. H. 1965-1985: Flora of Turkey and the East Aegean Islands, vol: **1-9**. — Edinburgh.
- Dinç, O. 1997: Antalya Sarısu- Saklıkent Arası Florası Üzerine bir Araştırma. — Akdeniz Üniv. Fen Bil. Enst. Y. Lisans Tezi, 187s. — Antalya.
- Donner, J. 1990: Distribution maps. — In: P.H. Davis "Flora of Turkey 1-10", Linzer. Biol. Beitr. **22/2**: 381-515.
- Düzenli, A., Çakan, H. & Türkmen, N. 1996: New Floristic Records for Squares C4 and C5 from the Göksu Delta. — Tr. J. of Botany **20(4)**: 391-394.
- Gemici, Y., 1995: Bolkar Dağlarında Bitki Genetik Kaynaklarının Korunması Bakımından 3 Önemli Alan. — The Karaca Arb. Mag. **3/2**: 70-78.
- Gemici, Y., 1994: Bolkar Dağlarının (Orta Toroslar) Flora ve Vejetasyonu Üzerine Genel Bilgiler. Tr. J. of Botany, vol: **18(2)**, 81-89.
- Huber-Morath, A., 1987: Letzte Ergänzungen. — In: P. H. Davis "Flora of Turkey and the East Aegean Islands 1-9 (1965-1985)" I. — Cons. et Jard. Bot.: 717-769. — Geneve.
- 1988: Letzte Ergänzungen. — In: P. H. Davis "Flora of Turkey and the East Aegean Islands 1-9 (1965-1985)" II. — Cons.et Jard. Bot. 27-72. — Geneve.
- Sümbül, H. & Erik, S., 1990: Taşeli Platosu III. — Hacet. Üniv. Fen-Müh. Derg., vol. **11**: 1-38.

- & — 1998a: Taşeli Platosu I. — Tr. J. of Botany, vol:**12(2)**: 175-205.  
 — & — 1998b: Taşeli Platosu II. — Tr. J. of Botany, vol:**12(3)**: 254-322.  
 Tutin, T.G., Burges, N. A., Chater, A. O., Edmondson, J. R., Heywood, V. H., Moore, D. M.,  
 Valentine, D. H., Walters, S. M. & Webb, D. A. 1996: Flora Europaea, vol:**1-4**. — Cambridge.

Adress of the authors:

Nermin Orcan, Rıza Binzet and Ersin Yaylıoğlu, Mersin University, Science and  
 Art Faculty, Department of Biology, 33342 Mersin, Türkiye.

### Appendix. The Plant List

---

#### ACANTHACEAE

*Acanthus hirsutus* Boiss.

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 162. End.

#### APIACEAE (UMBELLIFERAE)

*Cymbocarpum wiedemannii* Boiss.

Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 520; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 521. End.?

*Falcaria vulgaris* Bernh.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 522.

*Lecokia cretica* (Lam.) DC.

3 km N, NE Fındıkpinarı, under forest, 1300-1350 m, 14.03.1999, 533; Bozon güzlesi-Fındıkpinarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 534.

*Sanicula europaea* L.

North of the Fındıkpinarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 297. Euro-Sib.

*Scandix balansae* Reuter ex Boiss.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 602. End.

*Scandix pecten- veneris* L.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 604.

*Scandix turgida* (Boiss. & Bal.) Boiss.

Bozon güzlesi-Fındıkpinarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 535.

*Smyrniium connatum* Boiss. & Kotschy

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 515, 603. E. Medit.

*Smyrniium rotundifolium* Miller

North of the Fındıkpinarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 318; Akarca güzlesi-Fındıkpinarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 318. E. Medit.

*Tordylium syriacum* L.

Bozon güzlesi-Fındıkpinarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 296. E. Medit.

***Torilis japonica*** (Houtt.) DC.

Fındıklı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 523.

***Torilis leptophylla*** (L.) Reichb.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 342; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 341.

***Torilis nodosa*** (L.) Gaertner

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 516; Fındıklı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 517; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 518; Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 519.

**ARACEAE*****Arum dioscoridis*** Sm. var. *liepoldtii* (Schott) Engler

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 170. E. Medit.

**ASPLENIACEAE*****Ceterach officinarum*** DC.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 291, 563; East of the Fındıklı, under forest, 1300 m, 20.02.1999, 675; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 290.

**ASTERACEAE ( COMPOSITAE )*****Achillea nobilis*** L. subsp. *sipylea* (O. Schwarz) Bassler

Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 688. End., E. Medit.

***Achillea setacea*** Waldst. & Kit.

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 405. Euro-Sib.

***Achillea wilhelmsii*** C. Koch.

North of the Fındıklı under forest, rocky slopes, 1300-1400 m, 18.05.1997, 407; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 406. Ir.-Tur.

***Anthemis aciphylla*** Boiss. var. *aciphylla*

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 85. End., E. Medit.

***Anthemis halophila*** Boiss. & Bal.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 685. End., E. Medit.

***Anthemis scariosa*** Banks & Sol.

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 683. Ir.-Tur.

***Anthemis tinctoria*** L. var. *tinctoria*

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 408; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 682.

***Bellis annua*** L.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 3. Medit.

***Bellis perennis*** L.

3 km N, NE Fındıkpınarı, under forest, 1300-1350 m, 14.03.1999, 680; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 702. Euro-Sib

***Bellis sylvestris*** Cyr.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 693, Medit.

***Centaurea babylonica*** (L.) L.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 539. E. Medit.

***Centaurea depressa*** Bieb.

Devekoyağı surroundings, under forest and open forest, 1800 m, 27.06.2002, 209; Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 165.

***Centaurea solstitialis*** L. subsp. *solstitialis*

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 701.

***Centaurea solstitialis*** L. subsp. *carneola* (Boiss.) Wagenitz

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 583. End., E. Medit.

***Centaurea urvillei*** DC. subsp. *urvillei*

Devekoyağı surroundings, under forest and open forest, 1800 m, 27.06.2002, 205. E. Medit.

***Cichorium intybus*** L.

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 698.

***Conyza bonariensis*** (L.) Cronquist

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 689.

***Crepis reuterana*** Boiss. subsp. *eigiana* Babcock

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 686. E. Medit.

***Crepis sancta*** (L.) Bobcock

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 404.

***Crupina crupinastrum*** (Moris) Vis.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 403; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 699, 700.

***Doronicum orientale*** Hoffm.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 703; Çayırboğ azı surroundings, inforest, 1350 m, 20.04.2002, 70.

***Echinops ritro*** L.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 696.

***Hieracium lasiochaetum*** (Bornm. & Zahn) Sell & West

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 196. End.

*Lapsana communis* L. subsp. *picidica* (Boiss. & Heldr.) Rech. fil.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 410.

*Leontodon asperrimus* (Willd.) J. Ball.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 409. Ir.-Tur.

*Matricaria chamomilla* L. var. *recutita* (L.) Grierson

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 684.

*Matricaria macrotis* Rech. fil.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 690. End. E. Medit.

*Pilosella piloselloides* (Vill.) Sojak subsp. *megalomastix* (N P.) Sell & West

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 412.

*Rhagadiolus stellatus* (L.) Gaertner var. *stellatus*

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 528.

*Scolymus hispanicus* L.

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 698, 697. Medit.

*Scorzonera cana* (C. A. Meyer) Hoffm. var. *cana*

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 695; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 681.

*Scorzonera laciniata* L. subsp. *calcitrapifolia* (Vahl) Maire

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 694.

*Senecio vernalis* Waldst. & Kit.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 692; Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 148.

*Senecio doriiformis* DC. subsp. *orientalis* (Fenzl) Matthews

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 103. Ir.-Tur.?

*Tripleurospermum conoclinium* (Boiss. & Bal.) Hayek

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 704. End.

*Tussilago farfara* L.

3 km N, NE Fındıklı, under forest, 1300-1350 m, 14.03.1999, 705; 2 km NE Fındıklı, open forest, waste places, 1300 m, 20.03.2002, 18, Euro-Sib.

#### BORAGINACEAE

*Alkanna aucherana* A. DC.

Çapurgediği surroundings, under forest, open forest, 1200-1300 m, 06.05.1998, 235; Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 249; Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 1150 m, 14.03.2002, 2. End., E. Medit.

*Alkanna froedinii* Rech. fil.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 226; Çapur geddiği surroundings, under forest, open forest, 1200-1300 m, 06.05.1998, 227. End., Ir.-Tur.



***Alkanna kotschyana* DC.**

Çapurgediği surroundings, under forest, open forest, 1200-1300 m, 06.05.1998, 235; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 238. End., E. Medit.

***Alkanna orientalis* (L.) Boiss. var. *orientalis***

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 1150 m, 21.06.1997, 326, Ir.-Tur.

***Alkanna sieheana* Rech. fil.**

Çapurgediği surroundings, under forest, open forest, 1200-1300 m, 09.05.1998, 236; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 253. End., E. Medit.

***Anchusa aegyptiaca* (L.) DC.**

Çapurgediği surroundings, under forest, open forest, 1200-1300 m, 09.05.1998, 463.

***Anchusa aggregata* Lehm.**

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 687. Medit.

***Anchusa azurea* Miller var. *azurea***

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 223.

***Anchusa leptophylla* Roemer & Schultes subsp. *leptophylla***

Bozon güzlesi- Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 328.

***Anchusa officinalis* L. group a**

Bozon güzlesi- Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 327. Medit.

***Anchusa undulata* L. subsp. *hybrida* (Ten.) Coutinho**

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 322. Medit.

***Brunnera orientalis* (Schenk) Johnston**

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 244.

***Buglossoides incrassata* (Guss.) Johnston**

Çapurgediği surroundings, under forest, open forest, 1200-1300 m, 09.05.1998, 254. Medit.

***Cerinth minor* L. subsp. *auriculata* (Ten.) Domac**

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 180.

***Cynoglossum creticum* Miller**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 240; Bozon güzlesi- Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 335.

***Cynoglossum officinale* L.**

Çapurgediği surroundings, under forest, open forest, 1200-1300 m, 09.05.1998, 239. Euro-Sib.

***Echium glomeratum* Poiret**

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 222. E. Medit.

***Echium italicum* L.**

Çayırboğazi surroundings, underforest, rocky places, waste places, 1300-1500 m, 31.05.1998, 228; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 28.06.1998, 242, 243; Akarca

güzlesi-Fındıkpınarı, roadside, under forest and open forest, 1150 m, 21.06.1997, 329. E. Medit.?

***Myosotis alpestris*** F. W. Schindt

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 247, 248.

***Myosotis incrassata*** Guss.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 125. E. Medit.

***Myosotis ramosissima*** Rochel ex Shultes subsp. *uncata* (Boiss. & Bal.) Grau

Çayırboğazı surroundings, underforest, rocky places, waste places, 1300-1500 m, 31.05.1998, 246. End., E. Medit.

***Myosotis sicula*** Guss.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 234; Çayırboğazı surroundings, underforest, rocky places, waste places, 1300-1500 m, 31.05.1998, 233.

***Neatostema apulum*** (L.) Johnston

Bozon güzlesi- Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 230, 334; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 231. Medit.

***Nonea macrosperma*** Boiss. & Heldr.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 241. End., Ir.-Tur.

***Nonea melanocarpa*** Boiss.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 224; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 28.06.1998, 225. Ir.-Tur.

***Nonea pulla*** (L.) DC. subsp. *scabrisquamata* A. Baytop

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 28.06.1998, 245. Ir. Tur.

***Nonea stenosolen*** Boiss. & Bal.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 21.06.1997, 332, 333, End., Ir.-Tur.

***Onosma albo-roseum*** Fisch. & Mey. subsp. *albo-roseum* var. *albo-roseum*

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 331. Ir.-Tur.

***Onosma bracteosum*** Hausskn. & Bornm.

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 158. End., Ir. Tur.

***Onosma lycaonicum*** Hub.-Mor.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 251. End., Ir.-Tur.

***Onosma mutabile*** Boiss.

Çayırboğazı surroundings, underforest, rocky places, waste places, 1300-1500 m, 20.04.2002, 64, 65; Bozon güzlesi- Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 229, 250, 252. End.

***Symphytum aintabicum*** Hub.-Mor. & Wickens

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 28.06.1998, 232. End., E. Medit.

*BRASSICACEAE (CRUCIFERAE)**Aethionema schistosum* Boiss. & Kotschy

Fındıkpınarı-Çağlarca, roadside, stony places, 1250 m, 01.06.1997, 647. End.

*Alyssum cassium* Boiss.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 639. E. Medit.

*Alyssum contemptum* Schott & Kotschy

Fındıkpınarı, Deveköyüğü place, inforest, 27.06.2002. 784. Ir.-Tur

*Alyssum floribundum* Boiss. & Bal.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 778; 779; 780; 638. End.

*Alyssum minus* (L.) Rothm. var. *micranthum* (Mey.) Dudley

Topaktaş-Çapurgedığı, inforest, 1300 m, 20.06.2002, 152; Fındıkpınarı, Deveköyüğü place, inforest, 27.06.2002. 221.

*Alyssum murale* Waldst. & Kit. subsp. *murale* var. *murale*

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 640.

*Alyssum murale* Waldst. & Kit. subsp. *murale* var. *haradjianii* (Rech.) Dudley

Fındıkpınarı, Topaktaş-Çapurgedığı, inforest, 1300 m, 20.06.2002, 173. E. Medit.

*Alyssum pateri* Nyar. subsp. *pateri*

Deveköyüğü surroundings, inforest, 1800 m, 27.06.2002. 216. End., Ir.-Tur.

*Alyssum repens* Baumg. subsp. *trichostachyum* (Rupr.) Hayek var. *trichostachyum*

Fındıkpınarı, Deveköyüğü place, inforest, 1800 m., 27.06.2002. 215, 217.

*Alyssum strictum* Willd.

Topaktaş-Çapurgedığı, inforest and forest clearings, 1300 m, 20.06.2002, 171; Fındıkpınarı, Deveköyüğü surroundings, inforest, 1800 m, 27.06.2002. 219. Ir.-Tur.

*Alyssum strigosum* Banks & Sol. subsp. *cedrorum* (Schott & Kotschy) Dudley

Akarca güzlesi- Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 273; Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 642; Northeast of the Fındıkpınarı, forest clearings, 1400 m, 20.03.2002, 29; Fındıkpınarı-Bozon güzlesi inforest and open forest 06.04.2002, 49; Topaktaş-Çapurgedığı, inforest and forest clearings, 1300 m, 20.06.2002, 174; Deveköyüğü surroundings, inforest, 1800 m, 27.06.2002. 220; Çapurgedığı surroundings, inforest, 1300 m, 09.05.1998, 777.

*Alyssum tetrastemon* Boiss.

Fındıkpınarı, Deveköyüğü surroundings, forest clearings, 1800 m, 27.06.2002, 214. End.

*Arabidopsis pumila* (Steph.) Bush

Purçu surroundings, inforest, stony places, 1350 m, 14.06.1998, 660; Çopur gediği surroundings, inforest and forest clearings, 1350 m, 09.05.1998, 661.

*Arabidopsis thaliana* (L.) Heynhold

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 550.

*Arabis aucheri* Boiss.

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 549.

*Arabis caucasica* Willd. subsp. *caucasica*

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 659.

*Arabis ionocalyx* Boiss.

Fındıkpınarı entrance, roadside, inforest, 1150 m, 20.04.1997, 275. E. Medit.

*Arabis nova* Vill.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 650; Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 657.

*Arabis sagitata* (Bertol.) DC.

Northeast of Fındıkpınarı, forest clearings, 1400 m, 20.03.2002, 37,40 ; Fındıkpınarı-Bozon güzlesi, inforest and open forest, 1250 m., 06.04.2002, 56.

*Aubrieta deltoidea* (L.) DC.

Fındıkpınarı entrance, roadside, inforest, 1150 m, 20.04.1997, 280; Fındıkpınarı, Çayırboğazi surroundings, forest clearings, 1350 m, 20.04.2002, 76,77; Çopur gediği surroundings, inforest and forest clearings, 1300 m., 09.05.1998, 646.

*Aurinia saxatilis* (L.) Desv. subsp. *orientalis* (Ard.) Dudley

Çopur gediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 656.

*Capsella bursa-pastoris* (L.) Medik.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 648.

*Cardamine hirsuta* L.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 649.

*Cardaria draba* (L.) Desv. subsp. *chalepensis* (L.) O.E. Schulz

Akarca Güzlesi- Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 279.

*Cheiranthus cheiri* L.

Çopur gediği surroundings, inforest, 1300 m, 28.06.1998, 643; Purçu surroundings, inforest, stony places, 1350 m, 14.06.1998, 662.

*Cochlearia aucheri* Boiss.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 658. End., Ir.-Tur.

*Cochlearia sempervivum* Boiss. & Bal.

Bozon güzlesi-Fýndýkpýnarý, roadside, stony places, 1250 m, 06.04.1998, 651. End.

*Draba muralis* L.

Fındıkpınarı entrance, roadside, inforest, 1150 m, 20.04.1997, 641.

*Erophila verna* (L.) Chevall. subsp. *verna*

2 km NE Fýndýkpýnarý, open forest, waste places, 1300 m, 20.03.2002, 30.

*Erysimum crassipes* Fisch. & Mey.

Çayırboğazi surroundings, inforest and forest clearings, 1350 m, 20.04.2002, 71.

*Erysimum cuspidatum* (Bieb.) DC.

North of the Fındıkpınarı, inforest, stony slopes, 1400 m, 18.05.1997, 265.

***Erysimum smyrnaeum*** Boiss. & Bal.

North of the Fındıkpınarı, inforest, stony slopes, 1400 m, 18.05.1997, 264; Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 01.06.1997, 263.

***Erysimum kotschyanum*** Gay

Fındıkpınarı entrance, roadside, under forest, 1150 m, 20.04.1997, 548. End.

***Fibigia eriocarpa*** (DC.) Boiss.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 604; North of the Fındıkpınarı, inforest, stony slopes, 1400 m, 18.05.1997, 267; Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 266; Fındıkpınarı-Akarca güzlesi, inforest, 1150 m, 11.05.2002, 105.

***Isatis cappadocica*** Desv. subsp. ***alyssifolia*** (Boiss.) Davis

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 637. End., Ir.-Tur.

***Nasturtium officinale*** R. Br.

Çapurgediği surroundings, inforest and forest clearings, 1300 m., 09.05.1998, 644.

***Ochthodium aegyptiacum*** (L.) DC.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 652. E. Medit.

***Sisymbrium orientale*** L.

Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 274.

***Sobolewskia clavata*** (Boiss.) Fenzl

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 645.

***Thlaspi arvense*** L.

Topaktaş-Çapurgediği, inforest and forest clearings, 1300 m, 22.06.2002, 202.

***Thlaspi alliaceum*** L.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 06.04.1998, 537.

***Thlaspi elegans*** Boiss.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 01.06.1997, 277; Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 653. End., E. Medit.

***Thlaspi cilicicum*** (Boiss.) Hayek

Çapurgediği surroundings, inforest and forest clearings, 1300 m., 09.05.1998, 605. End.

***Thlaspi oxyceras*** (Boiss.) Hedge

Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 276; Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 01.06.1997, 278; Northeast of the Fındıkpınarı Fındıkpınarı, open forest, 1400 m, 20.03.2002, 39; Fındıkpınarı, Bozon güzlesi, under forest and open forest, 1250 m, 06.04.2002, 57; Fındıkpınarı-Akarca güzlesi, open forest, 1150 m, 11.05.2002, 142.

***Thlaspi perfoliatum*** L.

North of the Fındıkpınarı, forest clearings, 1400 m, 20.03.2002, 38, 41.

*CAMPANULACEAE**Asyneuma rigidum* (Willd.) Grossh. subsp. ***rigidum***

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 166; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 132. Ir.-Tur.

*Campanula buseri* Damboldt

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 509. E. Medit.

*Campanula delicatula* Boiss.

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 181. E. Medit.

*Campanula phrygia* Jaub. & Spach

Devekoyağı surroundings, under forest and open forest, 1800 m, 27.06.2002, 212. E. Medit.

*Legousia falcata* (Ten.) Fritsch

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 340; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 510, 511. Medit.

*Legousia pentagonia* (L.) Thellung

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 553; Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 554, 555. E. Medit.

*Legousia speculum-veneris* (L.) Chaix

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 339; Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 552. Medit.

*CAPRIFOLIACEAE**Sambucus nigra* L.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 568. Euro-Sib

*CARYOPHYLLACEAE**Arenaria serphyllifolia* L.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 625.

*Cerastium anomalum* Waldst. & Kit.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 628; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 629.

*Cerastium brachypetalum* Pers. subsp. ***roeseri*** (Boiss. & Heldr.) Nyman

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 126; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 626.

*Dianthus zonatus* Fenzl var. ***zonatus***

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 620.

*Dianthus zonatus* Fenzl var. ***hypochlorus*** (Boiss. & Heldr.) Reeve

Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 621.

*Holosteum umbellatum* L. var. ***umbellatum***

Fındıkpınarı entrance, roadside, under forest, 1150 m, 20.04.1997, 623; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 624.

*Minuartia decipiens* (Fenzl) Bornm.

Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 619; North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 299.

*Minuartia hamata* (Hausskn.) Mattf.

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 239, 298.

*Minuartia sclerantha* (Fisch. & Mey.) Thell.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 120. Ir.-Tur.

*Saponaria kotschyi* Boiss.

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 630. End.

*Saponaria orientalis* L.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 618.

*Silene cariensis* Boiss.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 617. End. E. Medit.

*Silene dichotoma* Ehrh. subsp. *dichotoma*

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 302; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 111.

*Silene discolor* Sibth. & Sm.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 632.

*Silene echinospermoides* Hub.-Mor.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 631. End.? E. Medit.

*Silene fuscata* Link

Fındıkpınarı entrance, roadside, under forest, 1150 m, 20.04.1997, 300. Medit.

*Silene italica* (L.) Pers.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 627.

*Silene leptoclada* Boiss.

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 91; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 301. End., E. Medit.

*Silene subconica* Friv.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 633.

*Silene vulgaris* (Moench) Garcker var. *vulgaris*

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 622; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 303; Akarca güzlesi-Fındıkpınarı

roadside, under forest and open forest, 900-1150 m, 11.05.2002, 123; Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 304; Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 161.

*Telephium imperati* L. subsp. *orientale* (Boiss.) Nyman

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 184, 183.

#### CISTACEAE

*Cistus creticus* L.

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 284. Medit.

*Helianthemum nummularium* (L.) Miller subsp. *nummularium*

North of the Fındıklı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 338; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 336, 337; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 597, 599, 600.

*Helianthemum nummularium* (L.) Miller subsp. *tomentosum* (Scop.) Schinz & Thellung

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 283; Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 104; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 601.

*Helianthemum racemosum* (L.) Pau.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 598. Medit.

#### CONVOLVULACEAE

*Convolvulus arvensis* L.

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 295; Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 189, 190, 191; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 636.

*Convolvulus aucheri* Choisy

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 192. E. Medit.

*Convolvulus betonicifolius* Miller subsp. *peduncularis* (Boiss.) Parris

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 188; Fındıklı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 635. Ir.-Tur.

*Convolvulus lineatus* L.

Devekoyağı surroundings, under forest and open forest, 1800 m, 27.06.2002, 207, 211.

*Convolvulus pseudoscammonia* C. Koch

Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 634. End., Ir.-Tur.?

#### CRASSULACEAE

*Sedum hispanicum* L. var. *hispanicum*

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 260.

#### CUPRESSACEAE

*Cupressus sempervirens* L.



East of the Fındıkpınarı, under forest, 1300 m, 20.02.1999, 666; 2 km NE Fındıkpınarı, open forest, waste places, 1300 m, 20.03.2002, 31.

***Juniperus oxycedrus* L. subsp. *oxycedrus***

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 289; East of the Fındıkpınarı, under forest, 1300 m, 20.02.1999, 667; 2 km NE Fındıkpınarı, open forest, waste places, 1300 m, 20.03.2002, 32, 33.

**CYPERACEAE**

***Carex divulsa* Stokes subsp. *divulsa***

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 547. Euro-Sib.?

**DIPSACACEAE**

***Cephalaria cilicica* Boiss. & Kotschy**

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 139. End., E. Medit.

***Cephalaria szaboi* Hayek**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 478; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 474, 475; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 476. End.

***Dipsacus laciniatus* L.**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 473.

***Scabiosa argentea* L.**

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 477; Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 479.

***Scabiosa reuteriana* Boiss.**

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 259. End., E. Medit.

**EUPHORBIACEAE**

***Euphorbia apios* L.**

2 km NE Fındıkpınarı, open forest, waste places, 1300, 20.03.2002, 44; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 133. E. Medit.

***Euphorbia davisii* M. S. Khan**

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 674. End., E. Medit.

***Euphorbia herniariifolia* Willd. var. *glaberrima* Hal.**

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 673.

***Euphorbia macrostegia* Boiss.**

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 270, 317.

***Euphorbia oblongata* Griseb.**

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 146. E. Medit.

***Euphorbia peplus* L. var. *minima* DC.**

Fındıklı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 672.

***Euphorbia platyphyllos* L.**

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 14.

***Euphorbia rigida* Bieb.**

North of the Fındıklı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 268; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 270, 668, 670; Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 269, 669, 671; Çayırböğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 67. Medit.

***Euphorbia rhytidosperma* Boiss. & Bal.**

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 543. End., E. Medit.

***Euphorbia virgata* Waldst. & Kit.**

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 109, 137.

**FAGACEAE*****Quercus coccifera* L.**

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 288; 2 km NE Fındıklı, open forest, waste places, 1300, 20.03.2002, 35. Medit.

**GERANIACEAE*****Erodium acaule* (L.) Becherer & Thell.**

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 612. Medit.

***Erodium cicutarium* (L.) L'Herit. subsp. *cutarium***

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 255; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 613.

***Erodium leucanthum* Diagn.**

Çayırböğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 80. End., E. Medit.

***Erodium trichomonifolium* L'Herit. ex DC.**

West of the Bozon güzlesi, open forest and under forest, 1600 m, 06.04.2002, 45.

***Geranium asphodeloides* Burm. fil. subsp. *asphodeloides***

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 256. Euro-Sib.

***Geranium collinum* Steph. ex Willd**

North of the Fındıklı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 307.

***Geranium dissectum* L.**

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 115, 119.

***Geranium lucidum* L.**

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 309; North of the Fı

ndıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 310; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 108; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 614, 616.

***Geranium pyrenaicum*** Burm. fil.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 308; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 118; Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 541.

***Geranium rotundifolium*** L.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 615.

***Geranium stepporum*** Davis

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 257. Ir.-Tur.

***Geranium tuberosum*** L. subsp. *tuberosum*

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 74, 75.

#### HYPERICACEAE

***Hypericum atomarium*** Boiss.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 513. E. Medit.

***Hypericum montbretii*** Spach

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 514; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 287.

#### HYPOLEPIDACEAE

***Pteridium aquilinum*** (L.) Kuhn

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 576; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 677; Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 678; Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 679.

#### ILLECEBRACEAE

***Paronychia mughlaii*** Chaudhri

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 565. End., E. Medit.

#### IRIDACEAE

***Crocus fleischeri*** Gay

East of the Fındıkpınarı, under forest, 1300 m, 20.02.1999, 562. End., E. Medit.

***Crocus graveolens*** Boiss. & Reuter

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 4. E. Medit.

***Crocus olivieri*** Gay subsp. *olivieri*

3 km N, NE Fındıkpınarı, under forest, 1300-1350 m, 14.03.1999, 560, 561.

***Crocus reticulatus*** Steven ex Adams subsp. *reticulatus*

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 569.

***Gladiolus atroviolaceus*** Boiss.

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 481; Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 147. Ir.-Tur.

***Iris aucheri*** (Baker) Sealy

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 482; Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 13. Ir.-Tur.

***Iris pamphylica*** Hedge

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 130. End., E. Medit.

***Iris spuria*** L. subsp. ***musulmanica*** (Fomin) Takht.

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 12. Ir.-Tur.

**JUNCACEAE*****Juncus gerardi*** Loisel. subsp. ***gerardi***

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 195.

***Juncus heldreichianus*** Marsson ex Parl. subsp. ***heldreichianus***

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 545. E. Medit.

***Juncus sparganiifolius*** Boiss. & Kotschy ex Buchenau

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 544. End., E. Medit.

**LAMIACEAE (LABIATAE)*****Ajuga orientalis*** L.

Çapurgediği surroundings, under forest and open forest 1200-1300 m, 09.05.1998, 773,774; Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 772.

***Ajuga chamaepitys*** (L.) Schreber subsp. ***cuneatifolia*** (Stapf) P. H. Davis

North of the Fındıklı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 400.

***Ajuga bombycina*** Boiss.

2 km NE Fındıklı, open forest, waste places, 1300 m, 20.03.2002, 28. End., E. Medit.

***Clinopodium vulgare*** L. subsp. ***arundanum*** (Boiss.) Nyman

Akarcagüzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 398, 399

***Clinopodium vulgare*** L. subsp. ***vulgare***

Fındıklı-Çağlarca village, roadside, 1300-14400 m, 22.07.1998, 766.

***Eremostachys moluccelloides*** Bunge

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 770. Ir.-Tur.

***Lamium amplexicaule*** L.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 755. Euro-Sib.

***Lamium cariense*** R. Mill

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 754. E. Medit.

***Lamium crinitum*** Montbret & Aucher ex Benth.

Çapurgediği surroundings, under forest and open forest 1200-1300 m, 09.05.1998, 747, 749. Euxine.

***Lamium garganicum*** L. subsp. *reniforme* (Montbret & Aucher ex Benth.) R. Mill

Çapurgediği surroundings, under forest and open forest 1200-1300 m, 09.05.1998, 758; West of the Bozon güzlesi, open forest and under forest, 1600 m, 06.04.2002, 59, 60.

***Lamium gundelsheimeri*** C. Koch

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 396. Euxine.

***Lamium moschatum*** Miller var. *moschatum*

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 387; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 750; Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 751; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 387. E. Medit.

***Lamium tenuiflorum*** Fisch. & Mey.

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 752, 753. End., E. Medit.

***Marrubium vulgare*** L.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 397.

***Marrubium astracanicum*** Jacq. subsp. *astracanicum*

Devekoyağı surroundings, under forest and open forest, 1800 m, 27.06.2002, 208.

***Melissa officinalis*** L. subsp. *altissima* (Sm.) Arcangeli

Çapurgediği surroundings, under forest, open forest, 1200-1300 m, 09.05.1998, 735. E. Medit.

***Mentha longifolia*** (L.) Hudson subsp. *typhoides* (Briq.) Harley

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 767

***Mentha spicata*** L. subsp. *spicata*

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 769; Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 768.

***Micromeria carica*** P. H. Davis

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 744. End., E. Medit.

***Micromeria myrtifolia*** Boiss. & Hohen.

Akarcagüzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 386. E. Medit.

***Nepeta aristata*** Boiss. & Kotschy ex Boiss.

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 392; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 391. End., Ir.-Tur.

***Nepeta caesarea*** Boiss.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 390; Akarcagüzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 389; Devekoyağı

surroundings, under forest and open forest, 1800 m, 27.06.2002, 199, 200, 201, 206; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 765. End., E. Medit.

*Nepeta cilicia* Boiss.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 757; Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 756, 760; Topaktaş-Çapurgediği, under forest and open forest 1200-1300 m, 20.06.2002, 185. End., E. Medit.?

*Nepeta congesta* Fisch. & Mey. var. *congesta*

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 762; Deveköyü surroundings, under forest and open forest, 1800 m, 27.06.2002, 203. End.

*Nepeta fissa* C. A. Meyer

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 763. Ir.-Tur.

*Nepeta nuda* L. subsp. *nuda*

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 759, 764.

*Nepeta italica* L.

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 761.

*Prunella orientalis* Bornm.

Fındıklı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 741; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 325.

*Prunella vulgaris* L.

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 739; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 740. Euro-Sib.

*Salvia fruticosa* Miller

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 738. E. Medit.

*Salvia tomentosa* Miller

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 401, 402. Medit.

*Scutellaria orientalis* L. subsp. *carica* Edmondson

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 745. End., E. Medit.

*Scutellaria salviifolia* Benth

Purçu surroundings, under forest, rocky places, 1350 m, 28.06.1998, 746; Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 141, 145. End.

*Stachys cretica* L. subsp. *mersiniae* (Boiss.) Rech. fil.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 743; Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 393, 394. End., E. Medit.

*Stachys iberica* Bieb. subsp. *stenostachya* (Boiss.) Rech. fil.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 742. Ir.-Tur.

*Stachys pumila* Banks & Sol.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 395. End.? E. Medit.

***Teucrium chamaedrys* L. subsp. *chamaedrys***

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 388; Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 771. Euro-Sib.

***Teucrium polium* L.**

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 730; Fýndýkpýnarý-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 731.

***Teucrium scordium* L. subsp. *scordium***

Çapurgediği surroundings, under forest, 1200-1300 m, 28.06.1998, 734. Euro-Sib.

***Thymbra sintenissii* Bornm. & Aznav. subsp. *isaurica* P. H. Davis**

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 736. End., E. Medit.

***Thymbra spicata* L. var. *spicata***

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 737. E. Medit.

***Thymus longicaulis* C. Presl subsp. *chaubardii* (Boiss. & Heldr. ex Reich. Fil.) Jalas var. *chaubardii***

Devekoyağı surroundings, under forest and open forest, 1800 m, 27.06.2002, 204.

***Ziziphora capitata* L.**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 732; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 376; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 377; Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 177, 178. Ir.-Tur.

**LAURACEAE*****Laurus nobilis* L.**

3 km N, NE Fýndýkpýnarý, under forest, 1300-1350 m, 14.03.1999, 665. Medit.

**LEGUMINOSAE (FABACEAE)*****Astragalus andrachneifolius* Fenzl.**

Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 577.

***Astragalus creticus* Lam.**

Topaktaş-Çopur gediği, inforest, 1300 m, 20.06.2002, 164.

***Astragalus depressus* L.**

Çayırboğazı surrounding, in forest, 1600 m, 20.04.2002, 66, 73.

***Astragalus pisidicus* Boiss. & Heldr.**

Akarca güzlesi-Fındıkpınarı, roadside inforest, stony slopes, 1150 m, 21.06.1997, 527. End., Ir.- Tur.

***Astragalus prusianus* Boiss.**

Purçu surrounding, inforest, stony places, 1350 m, 14.06.1998, 526. End.? E. Medit.

***Astragalus ramicaudex* Chamberlain**

Çayırboğazı surroundings, inforest, 20.04.2002, 1350 m, 81. End.? Ir.- Tur.

***Calicotome villosa* (Poiret) Link**

Fındıklı- Akarca, inforest, 1150 m, 11.05.2002, 112. Medit.

***Colutea cilicica*** Boiss. & Bal.

Topaktaş-Çopur gediği, inforest, 1300 m. 20.06.2002, 167.

***Dorycnium graecum*** (L.) Ser.

Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 366. Euxine.

***Dorycnium pentaphyllum*** Scop. subsp. ***anatolicum*** (Boiss.) Gams

Fındıklı-Akarca güzlesi, inforest, 1150 m, 11.05.2002, 113; Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997 367.

***Dorycnium pentaphyllum*** Scop. subsp. ***haussknechtii*** (Boiss.) Gams.

Topaktaş-Çopur gediği, inforest, 1300 m. 20.06.2002, 194. End., Ir.-Tur.

***Coronilla emerus*** L. subsp. ***emeroides*** (Boiss. & Sprun.) Uhrova

Çapurgediği surroundings, inforest and forest clearings, 1300 m-1400 m, 22.07.1998, 365.

***Coronilla coronata*** L.

Fındıklı-Çağlarca, roadside, 1300-1400 m, 22.07.1998, 428.

***Coronilla orientalis*** Miller var. ***orientalis***

Topaktaş-Çapurgediği, inforest, 1300 m. 20.06.2002, 187; Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997, 361.

***Coronilla scorpioides*** (L.) Koch

Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 360; Purçu surroundings, inforest, stony slopes, 1350 m, 14.06.1998, 443; Fındıklı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 447.

***Coronilla varia*** L. subsp. ***varia***

Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997, 364; Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 362, 602.

***Genista involucrata*** Spach.

Fındıklı- Akarca güzlesi, inforest, 1150 m, 11.05.2002, 118, 138. End., Ir.-Tur.

***Hammatobium lotoides*** Fenzl

Fındıklı-Çağlarca village, roadside, 1300-1400 m, 15.07.1998, 416, E. Medit.

***Hymenocarpus circinnatus*** (L.) Savi

Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997, 369; Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 368. Medit.

***Lathyrus aphaca*** L. var. ***modestus*** P. H. Davis

Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 351; Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 457, 463. E. Medit.

***Lathyrus cilicicus*** Hayek & Siehe

Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997, 352. End., E. Medit.

***Lathyrus elongatus*** (Bornm.) Sirj.

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 454, 458; Çayırboğazi



surroundings, inforest, stony places, 1350 m, 31.05.1998, 455. End.

***Lathyrus laxiflorus*** (Desf.) O. Kuntze subsp. ***angustifolius*** (Post ex Dinsm.) Davis

Çayırboğazi surroundings, inforest, stony places, 1350 m, 20.04.2002, 95. End., E. Medit.

***Lathyrus laxiflorus*** (Desf.) O. Kuntze subsp. ***laxiflorus***

Purçu surroundings, inforest, stony slopes, 1350 m, 14.06.1998, 432; Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 438, 439; Bozon güzlesi- Fındıkpınarı, roadside, stony places, 1250 m, 01.06.1997, 354.

***Lathyrus lycicus*** Boiss.

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 437. End., E. Medit.

***Lathyrus nissolia*** L.

Bozon güzlesi- Fındıkpınarı, roadside, stony places, 1250 m, 01.06.1997, 353.

***Lathyrus spathulatus*** Cel.

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 150, 430, 456. E. Medit.

***Lens ervoides*** (Brign.) Grande

Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 381. Medit.

***Medicago falcata*** L.

Çayırboğazi surroundings, inforest, stony places, 1350 m, 31.05.1998, 435; Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 427; 28.06.1998, 445; Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 375.

***Medicago lupulina*** L.

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 433.

***Medicago minima*** (L.) Bart. var. ***minima***

North of the Fındıkpınarı, in forest, stony slopes, 1400 m, 18.05.1997, 372; Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 371.

***Medicago radiata*** L.

Çapurgediği surroundings, inforest, stony places, 1350 m, 31.05.1998, 434, Ir-Tur.

***Medicago rigidula*** (L.) All. var. ***agrestis*** Burniat

Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 370.

***Medicago x varia*** Martyn

Çapurgediği surroundings, inforest, 1300 m, 28.06.1998, 436; Akarcagüzlesi Fındıkpınarı,road-side, inforest, stony slopes, 1150 m, 21.06.1997, 373; North surroundings, in forest, stony slopes, 1400 m, 18.05.1997, 374; Topaktaş-Çopur gediği, inforest 1300 m, 20.06.2002, 193.

***Onobrychis podperae*** Sirj.

Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 359. End., Ir-Tur.

***Ononis pusilla*** L.

Akarca güzlesi-Fındıkpınarı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 358. Medit.

***Ononis spinosa*** L. subsp. ***antiquorum*** (L.) Briq.

Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 357. Medit.

***Phaseolus vulgaris* L.**

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 440, 441, 442.

***Pisum sativum* L. var. *elatius* (Bieb.) Aschers. & Graebn.**

Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 448. Medit.?

***Pisum sativum* L. var. *sativum***

Purçu surroundings, inforest, stony slopes, 1150 m, 21.06.1997, 449.

***Psoralea bituminosa* L.**

Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997, 355. Medit.

***Spartium junceum* L.**

Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 356. Medit.

***Trifolium aintabense* Boiss. & Hausskn.**

Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 385. End., E. Medit.

***Trifolium arvense* L. var. *arvense***

Çayırboğazi surroundings, inforest, stony places, 1350 m, 31.05.1998, 524.

***Trifolium campestre* Schreb.**

Çayırboğazi surroundings, inforest, stony places, 1350 m, 31.05.1998, 414.

***Trifolium echinatum* Bieb.**

Purçu surroundings, inforest, stony places, 1350 m, 14.06.1998, 369. E. Medit.

***Trifolium glomeratum* L.**

Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997, 383.

***Trifolium pallidum* Waldst. & Kit.**

Çayırboğazi surroundings, in forest, stony places, 1350 m, 31.05.1998, 540; Purçu surroundings, in forest, stony places, 1350 m., 14.06.1998, 525.

***Trifolium physodes* Stev. ex Bieb. var. *psilocalyx* Boiss.**

Fındıklı-Akarca güzlesi, in forest, 1150 m, 11.05.2002, 131. E. Medit.

***Trifolium pratense* L. var. *pratense***

Akarca güzlesi-Fındıklı, roadside, inforest, stony slopes, 1150 m, 21.06.1997, 417; Bozon güzlesi- Fındıklı, roadside, stony places, 1250 m, 01.06.1997, 382; Çapurgediği surroundings, inforest and forest clearings, 1300 m, 09.05.1998, 418, 419, 421, 422.

***Trifolium speciosum* Willd.**

Çapurgediği surroundings, in forest and forest clearings, 1300 m, 09.05.1998, 413; Purçu surroundings, in forest, stony places, 1350 m, 14.06.1998, 415.

***Trifolium repens* L. var. *giganteum* Lag.-Foss.**

Purçu surroundings, in forest, stony places, 1350 m, 14.06.1998, 532.

***Trifolium trichocephalum***

Çayırboğazi surroundings, in forest, stony places, 1350 m, 31.05.1998, 420.

***Trifolium vesiculosum*** Savi var. ***rumelicum*** Gris.

North of the Fındıkpınarı, in forest, stony slopes, 1400 m, 18.05.1997, 530, 531.

***Trigonella crassipes*** Boiss.

Purçu surroundings, in forest, stony places, 1350 m, 14.06.1998, 446. Ir.-Tur.

***Vicia caesarea*** Boiss. & Bal.

Fındıkpınarı- Akarca, in forest, 1150 m, 11.05.2002, 107. End., Ir.-Tur.

***Vicia cassubica*** L.

Çapurgediği surroundings, in forest and forest clearings, 1300 m, 09.05.1998, 424, 551, Euro-Sib.

***Vicia cypria*** Kotschy ex Unger & Kotschy

Çapurgediği surroundings, in forest and forest clearings, 1300 m, 09.05.1998, 423; Purçu surroundings, in forest, stony places, 1350 m, 14.06.1998, 452; 453.

***Vicia hybrida*** L.

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 01.06.1997, 380.

***Vicia lathyroides*** L.

Purçu surroundings, in forest, stony places, 1350 m, 14.06.1998, 426; Çayırboğazi surroundings, in forest, stony places, 1350 m, 31.05.1998, 429.

***Vicia pannonica*** Crantz. var. ***pannonica***

Akarca güzlesi-Fındıkpınarı, roadside, in forest, stony slopes, 1150 m, 21. 06.1997, 379.

***Vicia seriocarpa*** Fenzl var. ***seriocarpa***

Çayırboğazi, surroundings, in forest, stony places, 1350 m, 31.05.1998, 425; Çapurgediği surroundings, in forest and forest clearings, 1300 m, 09.05.1998, 450, 451.

***Vicia villosa*** Roth. subsp. ***eriocarpa*** (Hauskn.) P.W. Ball

Bozon güzlesi-Fındıkpınarı, roadside, stony places, 1250 m, 01.06.1997, 378.

#### LILIACEAE

***Allium scorodoprasum*** L. subsp. ***rotundum*** (L.) Stearn

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 157; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 483. Medit.

***Allium vineale*** L.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 559.

***Asphodeline cilicica*** E. Tuzlac?

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 507; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 508. End., E. Medit.

***Asphodelus fistulosus*** L.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 143, 144; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 506; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 484. Medit.

***Gagea chlorantha*** (Bieb.) Schultes & Schultes

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 571. Ir.-Tur.

***Gagea fibrosa*** (Desf.) Schultes & Schultes

2 km NE Fındıkpınarı, open forest, waste places, 1300 m, 20.03.2002, 26.

***Gagea taurica*** Steven

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 8.Ir.-Tur.

***Hyacinthus orientalis*** L. subsp. *orientalis*

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 570. E. Medit.

***Muscari armeniacum*** Leichlin ex Baker

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 58.

***Muscari aucheri*** (Boiss.) Baker

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 10; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 55; 2 km NE Fındıkpınarı, open forest, waste places, 1300, 20.03.2002, 21, 22. End.

***Muscari commutatum*** Guss.

Fındıkpınarı entrance, roadside, under forest, 1150 m, 20.04.1997, 581. E. Medit.

***Muscari neglectum*** Guss.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 11; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 580

***Muscari parviflorum*** Desf.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 579. Medit.

***Muscari tenuiflorum*** Tausch

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 578.

***Ornithagalum alpigenum*** Stapf

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 575. End., E. Medit.

***Ornithagalum arcuatum*** Steven

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 574. Ir.-Tur.

***Ornithagalum comosum*** L.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 124.

***Ornithagalum montanum*** Cyr.

Çayırboğazı surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 97; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 480; Fındıkpınarı entrance, roadside, under forest, 1150 m, 20.04.1997, 577. E. Medit.

***Ornithagalum narbonense*** L.

2 km NE Fındıkpınarı, open forest, waste places, 1300 m, 20.03.2002, 19. Medit.

***Ornithagalum oligophyllum*** E. D. Clarke

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 7;  
Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 573.

***Ornithagalum platyphyllum*** Boiss.

2 km NE Fındıkpınarı, open forest, waste places, 1300 m, 20.03.2002, 20; Çapurgediği surroundings,  
under forest and open forest, 1200-1300 m, 09.05.1998, 572. Ir.-Tur.

***Ornithagalum pyrenaicum*** L.

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 576.

***Ornithagalum sphaerocarpum*** Kerner

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 596.

***Scilla bithynica*** Boiss.

Çayırboğazi surrounding, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 92, 93,  
94. Euxine.

*MALVACEAE*

***Malva neglecta*** Wallr.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 460.

*ONOGRACEAE*

***Ephibium hirsutum*** L.

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 596;  
Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 595.

*ORCHIDACEAE*

***Orchis mascula*** (L.) L. subsp. *pinetorum* (Boiss. & Kotschy) G. Camus

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 128,  
129. E. Medit.

***Orchis pallens*** L.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 9;  
Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 536. Euro-Sib.?

***Orchis palustris*** Jacq.

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 179.

*OROBANCHACEAE*

***Orobanche aegyptiaca*** Pers.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 610.

***Orobanche caucasia*** G. Beck

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 127;  
Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 611.

***Orobanche cernua*** Loefl.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 461, 462.

***Orobanche purpurea*** Jacq.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 609.

*PAPAVERACEAE****Corydalis solida* (L.) Swartz subsp. *tauricola* Cullen & Davis**

West of the Bozon güzlesi, open forest and under forest, 1600 m, 06.04.2002, 50,51,52,53,54; Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 494; 3 km N, NE Fındıklı, under forest, 1300-1350 m, 14.03.1999, 775. End., E. Medit.

***Fumaria asepalae* Boiss.**

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 272; Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 182. Ir.-Tur.

***Fumaria cilicica* Hausskn.**

North of the Fındıklı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 271.

***Fumaria kralikii* Jordan**

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 776; Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 72. Medit.

***Fumaria officinalis* L.**

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 151.

***Glaucium corniculatum* (L.) Rud. subsp. *corniculatum***

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 487.

***Glaucium flavum* Crantz**

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 172, 186.

***Papaver macrostomum* Boiss. & Huet ex Boiss.**

Çapurgediği, under forest and open forest, 1200-1300 m, 09.05.1998, 486. Ir.-Tur.

***Papaver postii* Fedde**

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 542. E. Medit.

***Papaver spicatum* Boiss. & Bal. subsp. *spicatum***

Çapurgediği, under forest 1200-1300 m, 28.06.1998, 485. End.

*PINACEAE****Cedrus libani* A. Rich.**

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 90. Medit.

***Pinus brutia* Ten.**

3 km N, NE Fındıklı, under forest, 1300-1350 m, 14.03.1999, 784. E. Medit.

***Pinus nigra* Arn. subsp. *pallasiana* (Lamb.) Holmboe**

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 168.

*PLANTAGINACEAE****Plantago lanceolata* L.**

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 262.

## POACEAE (GRAMINEAE)

*Aegilops cylindrica* Host

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 723; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 721. Ir.-Tur.

*Aegilops neglecta* Req. ex Bertol.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 722. Medit.

*Aegilops umbellulata* Zhukovsky subsp. *umbellulata*

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 159; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 724. Ir.-Tur.

*Alopecurus textilis* Boiss. subsp. *textilis*

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 546. Ir.-Tur.

*Avena sterilis* L. subsp. *sterilis*

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 714.

*Briza humilis* Bieb.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 712.

*Bromus diandrus* Roth

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 726; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 728.

*Bromus fasciculatus* C. Presl

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 727. E. Medit.

*Bromus intermedius* Guss.

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 725.

*Bromus tectorum* L.

Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 729.

*Cynosurus echinatus* L.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 713. Medit.

*Festuca jeanpertia* (St.-Yves) F. Markgraf subsp. *jeanpertia*

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 707. E. Medit.

*Festuca pinifolia* (Hackel ex Boiss.) Bornm. var. *pinifolia*

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 708. E. Medit.

*Gaudiniopsis macra* (Bieb.) Eig subsp. *macra*

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 715. Ir.-Tur.

*Hordeum murinum* L. subsp. *glaucum* (Steudel) Tzvelev

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 709.

*Koeleria cristata* (L.) Pers.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 711; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 710.

***Leymus cappadocicus*** (Boiss. & Bal.) Melderis

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 716. Ir.-Tur.

***Poa davisii*** Bor

North of the Findikpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 719. End., E. Medit.

***Poa speluncarum*** Edmondson

North of the Findikpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 720. End., E. Medit.

***Poa sterilis*** Bieb.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 718.

***Poa trivialis*** L.

North of the Findikpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 717.

***Stipa bromoides*** (L.) Dörfler

North of the Findikpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 706. Medit.

**POLYGALACEAE**

***Polygala anatolica*** Boiss. & Heldr.

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 285; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 558.

***Polygala comosa*** Schkuhr.

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 557.

***Polygala supina*** Schreb.

Çayırboğazi surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 556; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 106, 134, 140.

**POLYGONACEAE**

***Rumex tuberosus*** L. subsp. *contractus* Rech.

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 286.

**POLYPODIACEAE**

***Polypodium australe*** Fee

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 163.

**PRIMULACEAE**

***Primula vulgaris*** Hudson subsp. *vulgaris*

3 km N, NE Findikpınarı, under forest, 1300-1350 m, 14.03.1999, 662. Euro-Sib.

**RANUNCULACEAE**

***Adonis aestivalis*** L. subsp. *aestivalis*

Çapurgediği, under forest and open forest, 1200-1300 m, 09.05.1998, 502.



***Anemone blanda*** Schott & Kotschy

Fındıkpınarı entrance, roadside, under forest, 1150 m., 20.04.1997, 348; 2 km NE Fındıkpınarı, open forest, waste places, 1300, 20.03.2002, 24; West of the Bozon güzlesi, open forest and under forest, 1600 m, 06.04.2002, 47; 3 km N, NE Fýndýkpýnarý, under forest, 1300-1350 m, 14.03.1999, 497, 498, 499.

***Consolida orientalis*** (Gay) Schröd.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 500, 501, 503; Topaktaş-Çapurgediği under forest and open forest, 1200-1300 m, 20.06.2002, 198.

***Ranunculus argyreus*** Boiss.

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 69, 87.

***Ranunculus arvensis*** L.

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 160; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 101; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 488; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 489, 490; Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 350.

***Ranunculus constantinopolitanus*** (DC.) d'Urv.

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 98; Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 153; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 122; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 505.

***Ranunculus cornutus*** DC.

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 156.

***Ranunculus ficaria*** L. subsp. ***ficariiformis*** Rouy & Fouc.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 492; 2 km NE Fındıkpınarı, open forest, waste places, 1300, 20.03.2002, 16; Fýndýkpýnarý entrance, roadside, under forest, 1150 m., 20.04.1997, 349.

***Ranunculus ficaria*** L. subsp. ***calthifolius*** (Reichb.) Arc.

Fındıkpınarı entrance, roadside, under forest, 1150 m., 20.04.1997, 349; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 5; 2 km NE Fındıkpınarı, open forest, waste places, 1300, 20.03.2002, 17.

***Ranunculus illyricus*** L. subsp. ***illyricus***

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 504.

***Ranunculus marginatus*** d'Urv. var. ***trachycarpus*** (Fisch. & Mey.) Azn.

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 495.

***Ranunculus neopolitanus*** Ten.

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 117.

***Ranunculus sericeus*** Banks & Sol.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 496; Çayırboğ

azı surroundings, under forest, rocky places, waste places, 1300-1500 m, 31.05.1998, 493. Ir.-Tur.

*RESEDACEAE*

***Reseda lutea* L. var. *lutea***

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 564.

*RHAMNACEAE*

***Paliurus spina-cristi* Miller**

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 607.

*ROSACEAE*

***Agrimonia eupatoria* L.**

Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 282;  
Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 464

***Crataegus orientalis* Pallas ex Bieb. var. *orientalis***

Topaktaş-Çapurgediği, under forest and open forest 1200-1300 m, 20.06.2002, 176.

***Potentilla inclinata* Vill.**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 459.

***Potentilla kotschyana* Fenzl**

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 470, E. Medit.

***Potentilla recta* L. (Grup B )**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 468; Fındıklı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 467; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 281; Akarca güzlesi-Fındıklı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 281.

***Potentilla reptans* L.**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 469.

***Rosa canina* L.**

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 294.

***Rosa foetida* J. Herrm.**

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 102;  
Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 472. Ir.-Tur.

***Rosa phoenicia* Boiss.**

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 197. E. Medit.

***Rosa pulverulenta* Bieb.**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 466.

***Sanguisorba minor* Scop. subsp. *lasiocarpa* (Boiss. & Hausskn.) Nordborg**

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 110.

***Sanguisorba minor* Scop. subsp. *magnoli* (Spach) Briq.**

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 465.

***Sanguisorba minor*** Scop. subsp. *minor*

Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 114.

**RUBIACEAE*****Asperula arvensis*** L.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 344; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 585. Medit.

***Asperula setosa*** Jaub. & Spach

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 347; Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 346. Ir.-Tur.

***Galium adhaerens*** Boiss. & Bal.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 582, 584. End., E. Medit.

***Galium brevifolium*** Sm. subsp. *insulare* Ehrend. & Schönb.-Tem.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 781. E. Medit.

***Galium graecum*** L. subsp. *graecum*

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 583. E. Medit.

***Galium membranaceum*** Ehrend.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 782; Fındıkpınarı-Çağlarca vil-lage, roadside, 1300-1400 m, 22.07.1998, 783. End., E. Medit.

***Galium samuelssonii*** Ehrend. var. *samuelssonii*

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 345. E. Medit.

***Galium verum*** L. subsp. *verum*

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 343. Euro-Sib.

**SCROPHULARIACEAE*****Linaria genistifolia*** (L.) Miller subsp. *confertiflora* (Boiss.) Davis

Fındıkpınarı entrance, roadside, under forest, 1150 m., 20.04.1997, 314; Akarca güzlesi-Fındıkpınarı , roadside, under forest, stony places, 900-1150 m, 21.06.1997, 312, 213. End.? Ir.-Tur.

***Linaria genistifolia*** (L.) Miller subsp. *genistifolia*

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 175. Euro-Sib.

***Scrophularia canina*** L. subsp. *bicolor* (Sm) Greuter

Akarca güzlesi-Fındıkpınarı, roadside, under forest, stony places, 900-1150 m, 21.06.1997, 306. E. Medit.

***Scrophularia floribunda*** Boiss. & Bal.

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 305. End., E. Medit.

***Scrophularia lucida*** L.

Fındıkpınarı-Çağlarca village, roadside, 1300-1400 m, 22.07.1998, 594. Medit.?

***Verbascum chionophyllum*** Hub-Mor.

Çapurgediği surroundings, under forest 1200-1300 m, 28.06.1998, 592. End., E. Medit.

***Verbascum davisianum*** Hub.-Mor.

Topaktaş-Çapurgediği, under forest and open forest, 1200-1300 m, 20.06.2002, 169. End. E. Medit.

***Veronica bombycina*** Boiss. & Kotschy subsp. ***bolcardaghensis*** M. A. Fischer

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 11.05.2002, 121. End., Ir.-Tur.?

***Veronica cymbalaria*** Bodard

Fındıklı entrance, roadside, under forest, 1150 m, 20.04.1997, 311; Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 586. Medit.

***Veronica jacquinii*** Baumg.

North of the Fındıklı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 316; Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 315. Euro-Sib.

***Veronica macrostachya*** Vahl subsp. ***sorgerae*** M. A. Fischer

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 588. E. Medit,

***Veronica multifida*** L.

North of the Fındıklı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 590. End., Ir.-Tur.

***Veronica pectinata*** L. var. ***pectinata***

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 86, 96; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 589; Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 593.

***Veronica samuelssonii*** Rech. fil.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 587. E. Medit.

***Veronica triloba*** (Opiz) Kerner

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 06.04.1998, 591.

**STYRACACEAE*****Styrax officinalis*** L.

Bozon güzlesi-Fındıklı, roadside, stony, rocky places, 1250 m, 01.06.1997, 292.

**TAXACEAE*****Taxus baccata*** L.

Çayırboğazi surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 83, 83.

**THYMELAEACEAE*****Daphne oleoides*** Schreber subsp. ***oleoides***

Devekoyağı surroundings, under forest and open forest, 1800 m, 27.06.2002, 210.

***Daphne sericea*** Vahl

Akarca güzlesi-Fındıklı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 6. E. Medit.

*URTICACEAE****Urtica dioica*** L.

Purçu surroundings, under forest, rocky places, 1350 m, 14.06.1998, 512. Euro-Sib.

***Urtica pilulifera*** L.

Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 567. Medit.

*VALERIANACEAE****Valeriana dioscoridis*** Sm.

North of the Fındıkpınarı, under forest, rocky slopes, 1300-1400 m, 18.05.1997, 261; 2 km NE Fındıkpınarı, open forest, waste places, 1300, 20.03.2002, 27; Çapurgediği surroundings, under forest and open forest, 1200-1300 m, 09.05.1998, 566. E. Medit.

***Valerianella coronata*** (L.) DC.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 01.06.1997, 258.

*VIOLACEAE****Viola alba*** Besser

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 605; 3 km N, NE Fındıkpınarı, under forest, 1300-1350 m, 14.03.1999, 664.

***Viola gracilis*** Sibth. & Sm.

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 608.

***Viola modesta*** Fenzl

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 606; Akarca güzlesi-Fındıkpınarı, roadside, under forest and open forest, 900-1150 m, 14.03.2002, 1; West of the Bozon güzlesi, open forest and under forest, 1600 m, 06.04.2002, 63.

***Viola odorata*** L.

West of the Bozon güzlesi, open forest and under forest, 1600 m, 06.04.2002, 62; 3 km N, NE Fındıkpınarı, under forest, 1300-1350 m, 14.03.1999, 663.

***Viola parvula*** Tineo

Bozon güzlesi-Fındıkpınarı, roadside, stony, rocky places, 1250 m, 06.04.1998, 607.

***Viola pentadactyla*** Fenzl

Çayırboğazı surroundings, waste places, open forest, under forest, 1300-1500 m, 20.04.2002, 78. Ir.-Tur.

***Viola sieheana*** Becker

2 km NE Fındıkpınarı, open forest, waste places, 1300, 20.03.2002, 23.

