



Flora of Altınbeşik Cavern National Park (İbradı-Akseki, Antalya/Turkey)

İlker ÇİNBİLGEL *¹, Mustafa GÖKÇEOĞLU¹

¹ Akdeniz University, Faculty of Arts and Sciences, Biology Department, 07058 Antalya, Turkey

Abstract

In this study, the flora of Altınbeşik Cavern National Park was displayed. 1607 plant samples were collected from the research area between 2002 and 2008. As a result of the investigation, 605 taxa were identified which taxonomically belong to 85 families and 337 genera. Out of the plant samples diagnosed nine taxa belong to Pteridophyta and 596 taxa belong to Spermatophyta division. Seven taxa belong to Gymnospermae subdivision and 589 taxa belong to Angiospermae subdivision. In the research area, the number of endemic taxa is 69 (11.40%). Six taxa are new records for the Flora of Turkey grid C3. According to the phytogeographical analysis, 252 taxa (41.65%) are Mediterranean elements, 30 taxa (4.96%) are Irano-Turanian elements, 21 taxa (3.47%) are Euro-Siberian elements (incl. Euxine element) and 302 taxa (49.92%) are multi-regional or are taxa whose phytogeographical regions are unknown. In the floristic list, Asteraceae (68 taxa) is the largest family and *Trifolium* L. (14 taxa) is the largest genus with the majority of taxa.

Key Words: Altınbeşik Cavern National Park, İbradı, Akseki, Antalya, Flora

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Altınbeşik Mağarası Milli Parkı'nın florası (İbradı-Akseki/Antalya)

Özet

Bu çalışmada, Altınbeşik Mağarası Milli Parkı'nın florası ortaya konmuştur. Araştırma alanından, 2002 ile 2008 yılları arasında 1607 bitki örneği toplanmıştır. Araştırma sonucunda, taksonomik olarak 85 familya ve 337 cinse ait 605 takson tespit edilmiştir. Teşhisi yapılan bitki örneklerinden 9 takson Pteridophyta, 596 takson ise Spermatophyta divizyonuna aittir. Yedi takson Gymnospermae altbölümüne aittir, 589 takson ise Angiospermae altbölümüne aittir. Araştırma alanında, endemik takson sayısı 69 (11.40%)'dur. Altı takson, Türkiye Florası C3 karesi için yeni kayıttır. Bitkicoğrafyası analizine göre, 252 takson (%41.65) Akdeniz elementi, 30 takson (%4.96) İran-Turan elementi, 21 takson (%3.47) Avrupa-Sibirya elementi (Öksin elementi dahil) ve 302 takson (%49.92) çok bölgesel veya bitkicoğrafyası bölgesi bilinmeyen taksonlardır. Floristik listede takson çokluğuyla, Asteraceae (68 takson) en büyük familya, *Trifolium* (14 takson) ise en büyük cinstir.

Anahtar Kelimeler: Altınbeşik Mağarası Milli Parkı, İbradı, Akseki, Antalya, Flora

1. Introduction

Altınbeşik Cavern National Park is one of the four national parks of vilayet Antalya in Turkey. Its name is derived from Altınbeşik Hill and Altınbeşik Cavern that are very important touristical regions. The area is located between İbradı and Akseki districts of Antalya, between 31°35'49"-31°38'52" eastern longitudes and 37°01'19"-37°04'37" northern latitudes. This park is geographically located in the C3 square according to the grid system in the Flora of Turkey (Donner, 1990; Davis, 1965-1985; Davis et al., 1988). Terra rosa soil (red Mediterranean soil) type is one of the big soil types in area that which is in the Anamas-Akseki autochthon (Anonymus, 1970; Şenel, 1984; Atalay,

* Corresponding author / Haberleşmeden sorumlu yazar: +902423102236; icinbilgel@akdeniz.edu.tr

1988;). The research area is surrounded by Ürünlü, Ormana, Düzlen and Menteşbey villages. The altitude of the study field varies from 380 m to 1165 m. The borders of the study area are indicated in Figure 1. It includes the Altınbeşik Hill (669 m), İnönü Hill (1127 m), Çuvallı Hill (1165 m), Karasay Hills (1050 m), Kale Hill (811 m) and also Manavgat river (in the south), Değirmendere stream (in the west) and Cavern stream are also located in research area (Figure1).

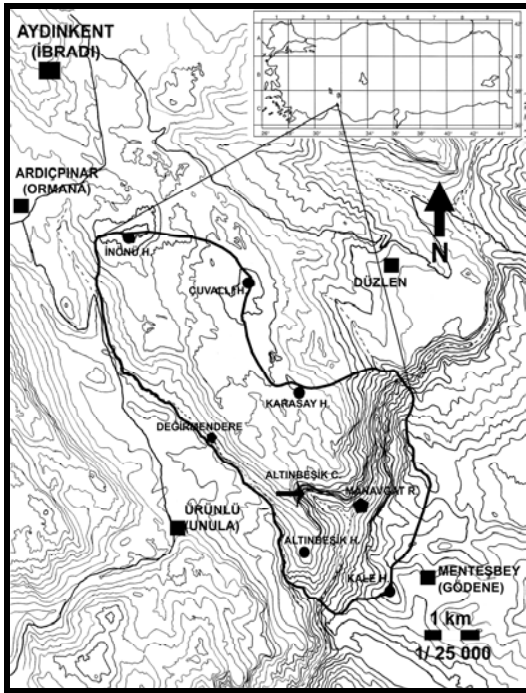
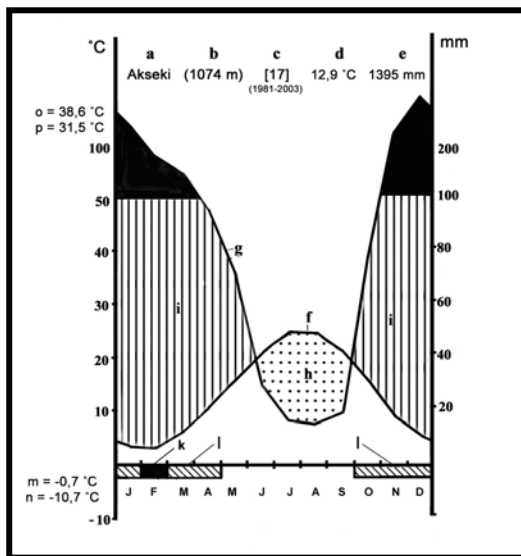


Figure 1. Geographic map of the research area

The area has a Mediterranean climate characterised by half dry summers and cold temperatures during the winter months. The seasonal precipitation regime during the year is as follows: WSAS; winter (W) > spring (S) > autumn (A) > summer (S). The Emberger precipitation-temperature coefficient (Q) is 150.06. Average annual temperature is 12.9 °C and average annual rainfall is 1395 mm. The climatic diagram of the study area was prepared using Walter's method (Figure2).

The area contains different vegetation types. The zonal forest and maquis are dominant vegetation types of the research area. This zonal vegetation is interrupted and variously intermingled with azonal and extrazonal occurrences of screes, rock fissure communities and higrofilic vegetation. The ruderal and segetal vegetation is clearly seen around settlements.



- a) meteorological station,
- b) altitude,
- c) observation (years),
- d) average annual temperature (°C),
- e) average annual precipitation (mm),
- f) temperature,
- g) precipitation,
- h) dry season,
- i) precipitation season,
- k) certain frost months
- l) probable frost months,
- m) average minimum temperature of the coldest month (°C),
- n) annual absolute minimum temperature (°C),
- o) absolute maximum temperature (°C),
- p) average maximum temperature (°C).

Figure 2. The climatic diagram of the study area was prepared using Walter's method (according to observations between 1981 and 2003 (17 years) obtained from Akseki station)

2. Material and Method

This paper is based on a master thesis of first author. Materials of this investigation cover 1607 plant samples collected from the Altınbeşik Cavern National Park (İbradı-Akseki/Antalya) during the vegetation seasons among 2002 and 2008. All specimens were dried according to the standard herbarium methods and deposited in Akdeniz University Herbarium. "The Flora of Turkey and the East Aegean Islands" (Davis, 1965-1985; Davis et al., 1988; Güner et al., 2000) is the major taxonomic reference. Some other references (Tutin et al., 1964-1980; Zohary et al., 1984; Duran and Duman, 1999; Podlech, 1999; Duman and Duran, 2001; Duran, 2001; Sümbül et al., 2003; Yaltrık et al., 2007) were also used to identify the plant specimens. Some doubtful specimens were identified or checked by Ö. Eren (Adnan Menderes Univ.), H. Sümbül, R.S. Göktürk, O. Ünal, İ.G. Deniz (Akdeniz Univ.), O.D. Düşen (Pamukkale Univ.) and H. Duman (Gazi Univ.). Some critical Poaceae specimens were checked by H. Scholz (Freie Univ.). The herbaria of AKDU and GAZI were used to check some doubtful specimens.

The floristic list is given in the appendix. In the floristic list, every taxon is represented with the following details: family and taxon name, authors of the taxon, geographical locations (the area is entirely located within C3 Antalya; A.C.N.P.), habitats, altitudes, collection dates, collectors' names, numbers. In addition, endemism, phytogeographic regions, life forms of taxa are given. The phytogeographical regions of the taxa were evaluated according to "The Flora of Turkey and the East Aegean Islands". The authors of the plant names were checked (Brummitt and Powell, 1992). An asteriks in front of a plant name indicates a new record for the C3 square.

Meteorological datas obtained from Antalya Weather Regional Offices. All meteorological datas were evaluated according to previously reported methods in Akman (1999) as Emberger formulas and Walter's method. In this study, it's used to comparison areas where are the near to the research area and the national parks in the Antalya. It's compared the total of eight field in terms of including taxa, using Jaccard Similarity Coefficient, UPGMA (Unweighted Pair-Group Method using arithmetic Averages) method and correspondingly prepared graphically fenogram scale (Işık et al., 2005; Sneath and Sokal, 1973). In the Jaccard index calculation, associated taxa list has prepared excluding cultivate plants and used the SAS program (2008). Jaccard Similarity Coefficient Formula;

$$(S_j) = \frac{a}{a + b + c}$$

a= number of taxa that is present in both areas

b= number of taxa that is present in the first area and isn't present in the second area

c= number of taxa that isn't present in the first area and is present in the second area

0.0 ≤ S_j ≤ 1.0. If two areas have so much similarity, S_j value is near to 1.0. If the difference between two areas increases, S_j value is near to 0.0.

Abbreviations used in the text and floristic list are as follows: A.C.N.P.: Altınbeşik Cavern National Park, End.: Endemic, E.: East, Medit.: Mediterranean element, Ir.-Tur.: Irano-Turanian element, Euro.-Sib.: Euro-Siberian element, Eux.: Euxine element, (Ph): Phanerophyte, (Ch): Chamaephyte, (H): Hemicryptophyte, (Th): Therophyte, (G): Geophyte, (Vp): Vascular Parasite. CR: Critically endangered; EN: Endangered; VU: Vulnerable; NT: Near threatened; LC: Least concern (Ekim et al., 2000, IUCN, 2001).

3. Results and Discussion

As a result of the evaluation of the plant samples collected, 337 genera, 591 species and 605 taxa belonging to 85 families were identified. Most of them belong to Spermatophyta (596 taxa) and the remainder belong to Pteridophyta (9 taxa). Seven taxa belong to Gymnospermae and 589 taxa belong to Angiospermae. From the subdivision of Angiosperm, 501 taxa belong to Magnoliopsida and 88 taxa belong to Liliopsida classes. 252 (41.65%) of the total taxa in the field are Mediterranean elements, 30 (4.96%) Irano-Turanian elements, 21 (3.47%) are European-Siberian elements (incl. Euxine element) and 302 (49.92%) are multi-regional (cosmopolites) or are taxa whose phytogeographical regions are unknown (Table 1).

Table 1. Floristic properties of the study area

Properties	Pteridophyta	Spermatophyta			Total
		Gymnospermae	Angiospermae Magnoliopsida	Liliopsida	
Number of Families	7	3	67	8	85
Number of Genera	7	4	273	53	337
Number of Species	9	7	488	88	591
Number of Taxa	9	7	501	88	605
Number of Endemic Taxa	-	-	60	9	69
Mediterranean elements	2	2	211	37	252
Irano-Turanian elements	-	-	24	6	30
Euro-Siberian elements (incl. Euxine)	-	-	14	7	21
Multi-regional or Unknown	7	5	252	38	302

The research area lies competely within the Mediterranean phytogeographic region (Sümbül and Erik, 1988; Kutluk and Aytuğ, 2004). So, Mediterranean elements take the first order, and Irano-Turanian and Euro-Siberian elements follow this. Also, the other floristic studies in the Table 2, it have seen similarity.

Table 2. Comparisons of floristic studies (abbreviations are below the table)

Compared Studies Study	1	2	3	4	5	6	7	8
Total taxa	605	1023	645	698	865	1027	587	957
Mediterranean elements %	41.65	37.4	32.1	41.7	43	28.1	29.0	25.0
Irano-Turanian elements %	4.96	8.9	7.9	5	2.2	13.3	15.6	12.0
Euro-Siberian elements %	3.47	3.6	5.1	2.5	0.8	8.5	6.2	5.6
Others %	49.92	50	49.7	51.32	54.2	50.1	49.2	57.4
Endemism rates %	11.40	16.9	16.1	11.76	18	22.8	26.2	17.1

Abbreviations:

1. Flora of Altınbeşik Cavern National Park (İbradı-Akseki/Antalya)
2. Flora of Tuzaklı, Otluk, Gidefi Mountains and Surroundings (Akseki/Antalya) (Duran, 2002)
3. Flora of Bozburun Mountain and Its Environs (Antalya-Isparta-Burdur) (Fakir, 2006)
4. Termessos Milli Parkı Florası (Antalya) (Alçitepe, 1998)
5. Olimpos Beydağları Milli Parkı'nın Florası (Antalya) (Peşmen, 1980)
6. Köprülü Kanyon Milli Parkı (Antalya-Isparta) Flora Envanter Çalışması (Özçelik et al., 2006)
7. Flora of Sütçüler (Isparta) (Özçelik and Korkmaz, 2002)
8. Derebucak (Konya) – İbradı ve Cevizli (Antalya) Arasında Kalan Bölgenin Florası (Demirelma, 2006)

The Mediterranean elements percentage within compared areas, from maximum to minimum, is respectively 5>4>1>2>3>7>6>8; The Euro-Siberian elements percentage is respectively 6>7>8>3>2>1>4>5; The Irano-Turanian elements percentage is respectively 7>6>8>2>3>4>1>5 (Table 2). According to these results, The Olimpos-Beydağları National Park has higher rate on account of the Mediterranean elements, The Köprülü Kanyon National Park has higher rate on account of the Euro-Siberian elements and Sütçüler has higher rate on account of the Irano-Turanian elements.

According to fenogram scale prepared using the Jaccard Similarity Coefficient and UPGMA (Unweighted Pair-Group Method using arithmetic Averages) method, the most similar two areas are 1 and 2 within all areas ($S_j=0.395$). The 8 numbered area has participated in the 0.345 point to this cluster. 3 and 7 numbered areas constitute the another cluster ($S_j=0.324$). 4 and 5 numbered areas constitute a cluster in the 0.277 point and this cluster is connected to 1-2-8 group in the 0.252 point. As for 6 numbered area has joined to 3-7 group in the 0.214 point. Finally, 1-2-8-4-5 and 3-7-6 groups that are two main clusters have combined in the 0.190 point. According to these results, the most similar area to the research area is Tuzaklı-Otluk and Gidefi Mountains and Surroundings. Also, second is area between Derebucak and İbradı, Cevizli. These are the nearest areas to our research area on account of location, elevation, topographic structure, climate and vegetation. Olimpos-Beydağları and Termessos National Parks are the farther areas as location compared to them. The least similar areas to the research area, are Köprülü Kanyon National Park, Bozburun Mountain and Sütçüler district (Figure3).

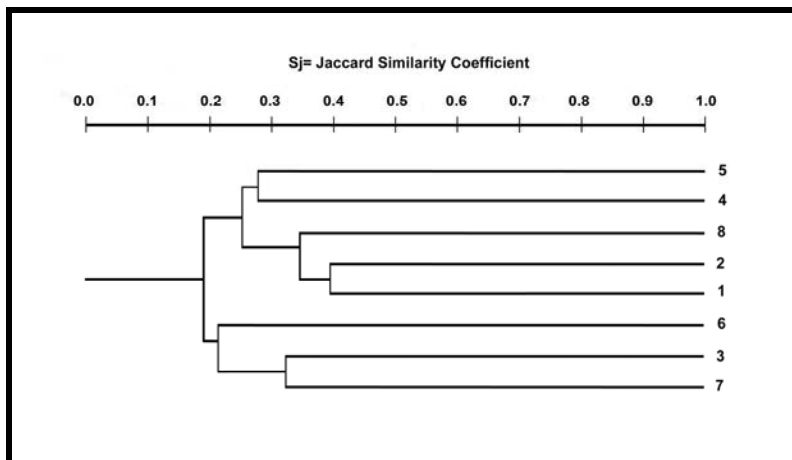


Figure 3. The fenogram demonstrated similarity scale of eight natural area

Six taxa are new records for the C3 square (Erik and Sümbül, 1982; Donner, 1990; Duran and Duman, 1998; Kutluk and Aytuğ, 2004; Donner, 2007). These are as follows: *Petrorhagia cretica* (L.) P.W.Ball and Heywood., *Trifolium pilulare* Boiss., *Trigonella cylindracea* Desv., *Trigonella foenum-graecum* L., *Anthemis palestina* Reut.,

Micromeria cremnophila Boiss. and Heldr. subsp. *amana* (Rech.f.) P.H.Davis. The largest family in the research area is Asteraceae (68 taxa) and the largest genus is *Trifolium* (14 taxa) in terms of the number of taxa. The 10 largest families according to the number of taxa in this study compiled in Table 3. The genera containing the highest number of taxa in the research area are presented in Table 4.

Table 3. Numbers Genera and taxa of the largest families found in the area

Families	Number of Genera	Number of Taxa
<i>Asteraceae</i>	44	68
<i>Fabaceae</i>	24	61
<i>Poaceae</i>	27	44
<i>Lamiaceae</i>	20	42
<i>Apiaceae</i>	22	33
<i>Brassicaceae</i>	19	33
<i>Caryophyllaceae</i>	10	29
<i>Liliaceae</i>	12	27
<i>Scrophulariaceae</i>	10	20
<i>Boraginaceae</i>	10	17
Other 75 families	139	231
Total	337	605

Table 4. Totally taxon numbers of the major genera in the study area

Genera	Number of Taxa
<i>Trifolium</i>	14
<i>Silene</i>	10
<i>Euphorbia</i>	8
<i>Allium, Anthemis, Arabis,</i> <i>Bromus, Crepis, Centaurea,</i> <i>Galium, Medicago, Trigonella, Veronica</i>	6
Other genera	513
Total	605

The life forms of the taxa are given according to Raunkiaer (Raunkiaer 1934; Braun-Blanquet, 1951; Braun-Blanquet, 1964; Akman and Ketenoglu, 1987; Duran, 2002; Behçet et al., 2009; Tel, 2009; Yıldıztuğay and Küçüködük 2010) in Table 5 ; (41.16%) 249 of the taxa are therophytes, 192 (31.74%) hemicryptophytes, 69 (11.40%) phanerophytes, 50 (8.26%) chamaephytes, 40 (6.61%) geophytes. Furthermore, there are 5 (0.83%) vascular parasites in the field. Therophytes are in the first order because they are adapted to the drought conditions. Climatic diagram clearly shows that the research area has a drought period between June and September.

Table 5. Life Forms

Life Form	Number of Taxa	Rate%
Phanerophyte (Ph)	69	11.40
Chamaephyte (Ch)	50	8.26
Hemicryptophyte (H)	192	31.74
Therophyte (Th)	249	41.16
Geophyte (G)	40	6.61
Vascular Parasite (Vp)	5	0.83
Total	605	100

As regards endemism, South Anatolia is among of the richest regions in Turkey (Ekim, 2005). In the study area, 69 (11.40%) endemic taxa were found (Table 1 – 2). This ratio seems low according to the average Turkey (34%), C3 square (25.5%) and 7 other floristic studies in the Table 2 (Kutluk and Aytuğ, 2004; Ekim, 2005). The main reason are that endemic species are mostly found on high mountains [specially in places (particular mountain range etc.) where the altitude is between 1000 to 2000 m] (Özçelik and Korkmaz, 2002; Ekim, 2005) and our research field is small. However, our research area has rich topographic properties. Families with the most endemic species are as follows: *Lamiaceae* (10), *Asteraceae* (8), *Fabaceae* (6), *Apiaceae* (6), *Caryophyllaceae* (5), *Brassicaceae* (4), *Scrophulariaceae* (4) and *Liliaceae* (4). 52 of endemic taxa are Eastern Mediterranean elements, 5 are Irano-Turanian elements and 12 are in the category of undetermined phytogeographical regions. The distribution of the threat categories is as follows: 1 endemic taxon in CR, 5 endemic taxa in EN, 8 endemic taxa in VU, 10 endemic taxa in NT, 45 endemic taxa in LC. *Kundmannia anatolica* Hub.- Mor. (CR), *Arabis davisii* H.Duman and A.Duran (VU), *Astragalus cedreticola* A.Duran

and Podlech (VU), *Tordylium ketenoglui* H.Duman and A.Duran (VU), *Alkanna oreodoxa* Hub.-Mor. (EN), *Galium isauricum* Ehrend. and Schönb.-Tem. (EN) and *Crocus asumaniae* B.Mathew (EN) are known only from our research area and near surroundings (Davis, 1965-1985; Davis et al., 1988; Duran and Duman, 1999; Podlech, 1999; Güner et al., 2000; Duman and Duran, 2001; Duran, 2002). Besides the core collection made up by the authors there are only a few additional records are available for studied area. 118 species named in a paper dealing with the Derebucak (Konya) – İbradı ve Cevizli (Antalya) Arasında Kalan Bölgenin Florası by Demirelma (2006). In this study, 83 taxa from Düzlen village, 8 taxa from Ormana village and 27 taxa from Ürünlü village was recorded. Eight of these 183 taxa are endemic. In study field, the warmest spots in terms of important endemic plants are environs of Altınbeşik Cavern. Specially, dispersal mechanism of *Tordylium ketenoglui* shows that this species will be wide distribution in the future according to our observations. *Helichrysum chasmolyticum* P.H.Davis; specimens in the A.C.N.P. are described as a new species (*[H. orbicularifolium* Sümbül, R.S. Göktürk and O.D. Düşen) in 2003, but Parolly and Eren (2006) recorded that this species is clinal variation and intermediate forms. Capsule and seed properties of the *Saponaria pamphylica* Boiss. and Heldr. haven't been defined systematically in the Flora of Turkey. Therefore, morphological and anatomical characteristics of *S. pamphylica* were investigated by Çinbilgel et al., (2007) and extensive descriptions of the morphological and anatomical characteristics of this species were given. On the other hand description of *Aristolochia lycica* P.H.Davis and M.S. Khan was amended by Çinbilgel et al. (2006) in terms of carpological characters.

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APPENDIX THE FLORISTIC LIST

PTERIDOPHYTA

EQUISETACEAE

Equisetum ramosissimum Desf.
İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, wet places, 450 m, 14.vi.2002, İ. ÇİNBİLGEL 1019. (H).

SELAGINELLACEAE

Selaginella denticulata (L.) Link
Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, on damp rocks, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1380. Medit., (H).

SINOPTERIDACEAE

Cheilanthes fragrans (L. fil.) Sw
Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, rock crevices, 670 m, 30.ix.2002, İ. ÇİNBİLGEL 1496. (H).

ADIANTACEAE

Adiantum capillus-veneris L.
İbradı, Ürünlü village, A.C.N.P., entrance of Altınbeşik cavern, on damp rocks, 400 m, 19.vi.2003, İ. ÇİNBİLGEL 1965. (H).

ASPLENIACEAE

Asplenium trichomanes L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, rock crevices, 650 m, 23.vii.2002, İ. ÇİNBİLGEL 1403. (H).

A. onopteris L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, 500 m, rock crevices, 04.vii.2002, İ. ÇİNBİLGEL 1346. (H).

A. ceterach L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, on rocks, 500 m, 04.vii.2002, İ. ÇİNBİLGEL 1345. (H).

ASPIDIACEAE

Dryopteris pallida (Bory) Fomin

İbradı, Ürünli village, A.C.N.P., pathway of Manavgat river, macchie, 550 m, 14.vi.2002, İ. ÇİNBİLGEL 1034. *Medit.*, (H).

POLYPODIACEAE

Polypodium cambricum L. subsp. **cambricum**

Akseki, Menteşbey village, A.C.N.P., sides of Manavgat river, wet-shady places, 450 m, 04.vii.2002, İ. ÇİNBİLGEL 1332. (H).

SPERMATOPHYTA

GYMNOSPERMAE

PINACEAE

Cedrus libani A. Rich.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, *Pinus brutia* forest, 800 m, N 37°02'16"-E 31°38'77", 25.iv.2004, İ. ÇİNBİLGEL 2179. *Medit.* (mt.), (Ph).

Pinus brutia Ten. var. **brutia**

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, forest, 650 m, 14.vi.2002, İ. ÇİNBİLGEL 1028. E. *Medit.*, (Ph).

CUPRESSACEAE

Juniperus drupacea Labill.

İbradı, Ormana village, A.C.N.P., road of İnönü hill, macchie, 900 m, 10.v.2006, İ. ÇİNBİLGEL 2631. (Ph).

J. oxycedrus L. subsp. **oxycedrus** var. **oxycedrus**

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 880 m, 13.vi.2002, İ. ÇİNBİLGEL 1140. (Ph).

J. excelsa M.Bieb. subsp. **excelsa**

İbradı, Ürünli village, A.C.N.P., between entrance national park and Altınbeşik hill, forest, 615 m, N 37°02'03"-E 31°37'86", 22.ii.2003, İ. ÇİNBİLGEL 1525. (Ph).

EPHEDRACEAE

Ephedra major Host

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 800 m, 13.vi.2002, İ. ÇİNBİLGEL 1103. (Ch).

E. campylopoda C.A. Mey.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1359. (Ch).

ANGIOSPERMAE

MAGNOLIOPSIDA

RANUNCULACEAE

Nigella arvensis L. var. **glauca** Boiss.

İbradı, Ürünli village, A.C.N.P., around entrance of national park, stony places, 700 m, 21.vi.2003, İ. ÇİNBİLGEL 1997. (Th).

Delphinium peregrinum L.

İbradı, Ürünli village, A.C.N.P., around entrance of national park, stony places, 710 m, 09.xi.2003, İ. ÇİNBİLGEL 2037. (Th).

Anemone coronaria L.

İbradı, Ürünli village, A.C.N.P., between Altınbeşik hill and Manavgat river, under the *Juniperus excelsa* forest, 550 m, 15.iii.2008, İ. ÇİNBİLGEL 2713. *Medit.*, (G).

Clematis vitalba L.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik cavern, macchie, 620 m, 14.vi.2002, İ. ÇİNBİLGEL 1075. (Ph).

C. flammula L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), rocky places, 780 m, 01.vii.2002, İ. ÇİNBİLGEL 1232. *Medit.*, (Ph).

C. cirrhosa L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 610 m, N 37°02'88"-E 31°36'76", 30.xi.2002, İ. ÇİNBİLGEL 1492. *Medit.*, (Ph).

Ranunculus neapolitanus L.

İbradı, Düzlen district, A.C.N.P., between Çuvallı hill and Karasay hills, under macchie, 900 m, 26.v.2003, İ. ÇİNBİLGEL 1881. (H).

R. cuneatus Boiss.

İbradı, Ürünli village, A.C.N.P., around entrance of national park, stony places, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1633. (H).

R. gracilis Clarke

İbradı, Ürünli village, A.C.N.P., around Değirmendere, wet places, 769 m, N 37°03'15"-E 31°36'39", 13.iv.2003, İ. ÇİNBİLGEL 1603. (H).

R. chius DC.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, wet places, 665 m, 12.iv.2003, İ. ÇİNBİLGEL 1590. (Th).

R. ficaria L. subsp. **ficariiformis** Rouy & Foucaud

İbradı, Ürünli Village, A.C.N.P., around Değirmendere, rill sides, 750 m, N 37°02'96"-E 31°36'69", 23.ii.2003, İ. ÇİNBİLGEL 1542. (H).

Thalictrum orientale Boiss.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik cavern, under macchie, 484 m, N 37°02'12"-E 31°38'10", 12.iv.2003, İ. ÇİNBİLGEL 1583. E. *Medit.*, (H).

PAEONIACEAE

Paeonia mascula (L.) Mill. subsp. **mascula**

İbradı, Ormana village, A.C.N.P., north of İnönü hill, wet-shady places, 1000 m, 10.v.2006, İ. ÇİNBİLGEL 2630. (H).

PAPAVERACEAE

Papaver gracile Boiss.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, openings in macchie, 621 m, N 37°02'14"-E 31°37'72", 03.v.2003, İ. ÇİNBİLGEL 1613. E. *Medit.*, (Th).

P. rhoeas L.

İbradı, Ürünli village, around Değirmendere, stony slopes, 750 m, 02.vii.2002, İ. ÇİNBİLGEL 1238. (Th).

P. argemone L. subsp. **argemone**

İbradı, Ürünli village, A.C.N.P., around entrance of national park, openings in macchie, 639 m, N 37°02'35"-E 31°37'40", 03.v.2003, İ. ÇİNBİLGEL 1619. (Th).

Fumaria densiflora DC.

İbradı, Ürünli village, A.C.N.P., around entrance of national park, stony slopes, 633 m, N 37°02'29"-E 31°37'44", 12.iv.2003, İ. ÇİNBİLGEL 1558. (Th).

F. officinalis L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 630 m, 22.v.2004, İ. ÇİNBİLGEL 2191. (Th).

F. asepalae Boiss.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony slopes, 700 m, 12.vi.2002, İ. ÇİNBİLGEL 1198. Ir.-Tur., (Th).

BRASSICACEAE

Calepina irregularis (Asso) Thell.

İbradı, Ürünlü village, A.C.N.P., around entrance of national park, wet places, 630 m, N 37°02'35"-E 31°37'42", 12.iv.2003, İ. ÇİNBİLGEL 1570. (Th).

Conringia grandiflora Boiss. & Heldr.

İbradı, Ürünlü village, A.C.N.P., south of Altınbeşik hill, openings in macchie, 634 m, N 37°01'92"-E 31°37'88", 12.iv.2003, İ. ÇİNBİLGEL 1577. End., E. Medit., (Th).

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

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 710 m, 19.v.2003, İ. ÇİNBİLGEL 1768. (H).

Isatis tinctoria L. subsp. **corymbosa** (Boiss.) P.H.Davis

İbradı, Düzlen district, A.C.N.P., southeast of Karasay hills, screes, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1912. (H).

Iberis taurica DC.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (east hillsides), stony slopes, 742 m, N 37°02'63"-E 31°37'14", 13.iv.2003, İ. ÇİNBİLGEL 1597. (H).

Thlaspi perfoliatum L.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik hill, wet-stony places, 630 m, N 37°02'02"-E 31°37'88", 22.ii.2003, İ. ÇİNBİLGEL 1529. (Th).

Capsella bursa-pastoris (L.) Medik.

İbradı, Ürünlü village, A.C.N.P., upsides of Arıkaya (old pathway of Altınbeşik cavern), stony places, 660 m, N 37°02'02"-E 31°37'97", 10.iv.2003, İ. ÇİNBİLGEL 2116. (Th).

C. rubella Reut.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik hill, wet-stony places, 614 m, N 37°02'03"-E 31°37'86", 22.ii.2003, İ. ÇİNBİLGEL 1515. Medit., (Th).

Peltaria angustifolia DC.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (field of old water mill), openings in macchie, 700 m, 18.v.2003, İ. ÇİNBİLGEL 1685. (Th).

Ricotia sinuata Boiss. & Heldr.

İbradı, Ürünlü village, A.C.N.P., around entrance Altınbeşik cavern, screes, 453 m, N 37°02'19"-E 31°38'02", 12.iv.2003, İ. ÇİNBİLGEL 1584. End., E. Medit., (Th).

Fibigia clypeata (L.) Medik.

İbradı, Ürünlü village, A.C.N.P., upsides of Altınbeşik cavern, openings in macchie, 950 m, N 37°02'56"-E 31°37'50", 19.vi.2003, İ. ÇİNBİLGEL 1964. (H).

F. eriocarpa (DC.) Boiss.

İbradı, Ormana village, A.C.N.P., southwest of İnönü hill, macchie, 1030 m, 30.v.2004, İ. ÇİNBİLGEL 2320. (H).

Alyssum minus (L.) Rothm. var. **minus**

İbradı, Ürünlü village, A.C.N.P., north of entrance national park, wet-stony paces, 695 m, N 37°02'34"-E 31°37'43", 10.iv.2004, İ. ÇİNBİLGEL 2095. (Th).

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

İbradı, Ürünlü village, A.C.N.P., around entrance national park, wet-stony paces, 670 m, N 37°02'32"-E 31°37'52", 18.i.2003, İ. ÇİNBİLGEL 1504. (Th).

A. hirsutum M.Bieb.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony places, 756 m, N 37°02'96"-E 31°36'70", 13.iv.2003, İ. ÇİNBİLGEL 1600. (Th).

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

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 700 m, N 37°02'82"-E 31°36'84", 19.v.2003, İ. ÇİNBİLGEL 1724. (Ch).

Clypeola jonthlasi L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony places, 701 m, N 37°02'61"-E 31°37'12", 13.iv.2003, İ. ÇİNBİLGEL 1598. (Th).

Erophila verna (L.) Chevall. subsp. **spathulata** (Láng) Walters

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik Tepesi, wet-stony places, 614 m, N 37°02'03"-E 31°37'86", 22.ii.2003, İ. ÇİNBİLGEL 1516. (Th).

Arabis deflexa Boiss.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, under macchie, 677 m, N 37°02'58"-E 31°37'11", 04.v.2003, İ. ÇİNBİLGEL 1684. E. Medit., (H).

A. ionocalyx Boiss.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, macchie, 684 m, N 37°02'39"-E 31°37'29", 12.iv.2003, İ. ÇİNBİLGEL 1587. E. Medit., (H).

A. aubrietioides Boiss.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, side of pathway, 650 m, 25.iv.2004, İ. ÇİNBİLGEL 2135. End., (H).

A. sagittata (Bertol.) DC.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, macchie, 743 m, N 37°02'94"-E 31°36'72", 04.v.2003, İ. ÇİNBİLGEL 1671. (H).

A. verna (L.) DC.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, stony places, 449 m, N 37°02'21"-E 31°37'97", 23.iii.2003, İ. ÇİNBİLGEL 1550. Medit., (Th).

A. davisii H. Duman & A. Duran

İbradı, Ürünlü village, A.C.N.P., around Arıkaya (upsides of Altınbeşik cavern), rocky crevices, 620 m, N 37°02'01"-E 31°37'98", 16.iii.2004, İ. ÇİNBİLGEL 2052. End., E. Medit., (Ch).

Barbarea minor C. Koch var. **minor**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, rill sides, 690 m, 23.vii.2002, İ. ÇİNBİLGEL 1412. (H).

Cardamine graeca L.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, screes, 460 m, N 37°02'19"-E 31°37'99", 22.ii.2003, İ. ÇİNBİLGEL 1538. (Th).

C. hirsuta L.

İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, under Jexelsa forest, 596 m, N 37°01'93"-E 31°37'93", 22.ii.2003, İ. ÇİNBİLGEL 1531. (Th).

Malcolmia chia (L.) DC.

İbradı, Ürünlü village, A.C.N.P., between entrance national park and Altınbeşik hill, roadsides, 620 m, N 37°02'01"-E 31°37'98", 18.i.2003, İ. ÇİNBİLGEL 1513. E. Medit., (Th).

M. flexuosa (Sibth. & Sm.) Sibth. & Sm.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 650 m, 24.v.2003, İ. ÇİNBİLGEL 1811. E. Medit., (Th).

Erysimum goniocaulon Boiss.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, near rill, 680 m, N 37°02'58"-E 31°37'13", 04.v.2003, İ. ÇİNBİLGEL 1682. (H).

E. smyrnaeum Boiss. & Balansa

Akseki, Menteşbey village, A.C.N.P., near Kale hill, stony places, 800 m, 25.v.2003, İ. ÇİNBİLGEL 1822. (H).

Sisymbrium officinale (L.) Scop.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, open macchie, 638 m, N 37°02'35"-E 31°37'44", 03.v.2003, İ. ÇİNBİLGEL 1632. (Th).

S. altissimum L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 650 m, 22.v.2004, İ. ÇİNBİLGEL 2226. (Th).

CISTACEAE**Cistus creticus** L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, macchie, 720 m, 02.vii.2002, İ. ÇİNBİLGEL 1259. Medit., (Ch).

Helianthemum salicifolium (L.) Mill.

İbradı, Ürünlü village, A.C.N.P., Değirmendere (field of old water mill), wet-stony places, 705 m, N 37°02'64"-E 31°37'01", 13.iv.2003, İ. ÇİNBİLGEL 1594. (Th).

Fumana arabica (L.) Spach var. **arabica**

İbradı, Ürünlü village, A.C.N.P., Değirmendere, rocky places, 700 m, 02.vii.2002, İ. ÇİNBİLGEL 1255. (H).

F. thymifolia (L.) Verl. var. **thymifolia**

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 615 m, 04.vii.2002, İ. ÇİNBİLGEL 1312. Medit., (H).

VIOLACEAE**Viola heldreichiana** Boiss.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), on rocks, 719 m, N 37°02'59"-E 31°37'19", 13.iv.2003, İ. ÇİNBİLGEL 1596. E. Medit., (Th).

PORTULACACEAE**Portulaca oleracea** L.

İbradı, Ürünlü village, A.C.N.P., upsides of Arıkaya, rocky places, 665 m, 12.vi.2004, İ. ÇİNBİLGEL 2374. (Th).

CARYOPHYLLACEAE**Minuartia globulosa** (Labill.) Schinz & Thell.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik hill, stony places, 660 m, N 37°02'01"-E 31°37'72", 09.vi.2003, İ. ÇİNBİLGEL 1938. E. Medit., (Th).

M. mesogitana (Boiss.) Hand.-Mazz. subsp. **mesogitana**

İbradı, Ürünlü village, A.C.N.P., between entrance national park and Altınbeşik hill, on rocks, 590 m, 09.vi.2003, İ. ÇİNBİLGEL 1921. E. Medit., (Th).

M. mesogitana (Boiss.) Hand.-Mazz. subsp. **kotschyana** (Boiss.) McNeill

İbradı, Ürünlü village, A.C.N.P., northwest of Değirmendere, wet meadows, 736 m, N 37°02'90"-E 31°36'75", 04.v.2003, İ. ÇİNBİLGEL 1655. (Th).

Stellaria media (L.) Vill. subsp. **media**

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, roadsides, 460 m, 16.iii.2004, İ. ÇİNBİLGEL 2063. (Th).

S. cilicica Boiss. & Balansa

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, roadsides, 452 m, N 37°02'19"-E 31°38'00", 23.iii.2003, İ. ÇİNBİLGEL 1549. (Th).

Cerastium anomalum Waldst. & Kit.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik hill, roadsides, 665 m, 10.iv.2004, İ. ÇİNBİLGEL 2124. (Th).

C. glomeratum Thuill.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, roadsides, 460 m, 16.iii.2004, İ. ÇİNBİLGEL 2062. (Th).

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

İbradı, Ürünlü village, A.C.N.P., entrance national park, roadsides, 625 m, N 37°02'33"-E 31°37'51", 12.iv.2003, İ. ÇİNBİLGEL 1573. (Th).

Polycarpon tetraphyllum (L.) L.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, stony places, 850 m, 24.v.2003, İ. ÇİNBİLGEL 1795. (Th).

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

İbradı, Ürünlü village, A.C.N.P., upsides of Altınbeşik cavern (hillsides), screes, 950 m, N 37°02'48"-E 31°37'81", 19.vi.2003, İ. ÇİNBİLGEL 1958. (H).

Dianthus tripunctatus Sibth. & Sm.

İbradı, Ürünlü village, A.C.N.P., between Altınbeşik hill and Manavgat river, openings in macchie, 590 m, 20.vi.2003, İ. ÇİNBİLGEL 1968. Medit., (Th).

D. elegans d'Urv. var. **actinopetalus** (Fenzl) Reeve

İbradı, Ürünlü village, A.C.N.P., around Arıkaya (old pathway of Altınbeşik cavern), limestone cliffs, 550 m, 04.x.2002, İ. ÇİNBİLGEL 1456. End., E. Medit., (Ch).

D. zonatus Fenzl var. **zonatus**

İbradı, Ormana Village, A.C.N.P., South of İnönü hill, rock crevices, 1000 m, 28.v.2006, İ. ÇİNBİLGEL 2635. (Ch).

D. calocephalus Boiss.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 991 m, N 37°02'54"-E 31°37'61", 19.vi.2003, İ. ÇİNBİLGEL 1959. (H).

***Petrrohagia cretica** (L.) P.W.Ball & Heywood.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, openings in macchie, 800 m, 16.vii.2004, İ. ÇİNBİLGEL 2465. (Th).

P. velutina (Guss.) P.W.Ball & Heywood.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 597 m, 19.v.2003, İ. ÇİNBİLGEL 1735. (Th).

Velezia pseudorigida Hub.-Mor.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), macchie, 750 m, 12.vi.2002, İ. ÇİNBİLGEL 1139. End., E. Medit., (Th).

Saponaria pamphylica Boiss. & Heldr.

İbradı, Ormana village, A.C.N.P., road of İnönü hill, roadsides, 952 m, N 37°04'59"-E 31°35'60", 16.vii.2004, İ. ÇİNBİLGEL 2473. End., (H).

S. kotschyi Boiss.

İbradı, Ormana village, A.C.N.P., around İnönü hill, rocky places, 1000 m, N 37°04'35"-E 31°35'99", 30.v.2004, İ. ÇİNBİLGEL 2323. End., (H).

Silene italica (L.) Pers.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 731 m, N 37°02'85"-E 31°36'78", 04.v.2003, İ. ÇİNBİLGEL 1668. (H).

S. gigantea L. var. **incana** (Griseb.) Chowdhuri

İbradı, Ürünlü village, A.C.N.P., between Altınbeşik hill and Manavgat river, rocky slopes, 550 m, 14.vi.2002, İ. ÇİNBİLGEL 1166. E. Medit., (H).

S. odontopetala Fenzl

İbradı, Ormana village, A.C.N.P., south of İnönü hill, rocks, 1100 m, 28.v.2007, İ. ÇİNBİLGEL 2646. (Ch).

S. vulgaris (Moench) Garcke var. **vulgaris**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 550 m, 19.v.2003, İ. ÇİNBİLGEL 1769. (H).

S. leptoclada Boiss.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, rock crevices, 738 m, N 37°01'83"-E 31°38'55", 16.vii.2004, İ. ÇİNBİLGEL 2467. End., E. Medit., (Ch).

S. aegyptiaca (L.) L. f. subsp. **aegyptiaca**

İbradı, Ürünü village, A.C.N.P., around Altınbeşik cavern, stony places and roadsides, 450 m, N 37°02'28"-E 31°37'91", 18.i.2003, İ. ÇİNBİLGEL 1511. (Th).

S. behen L.

Akseki, Menteşbey village, A.C.N.P., Kale hill, openings in macchie, 810 m, 25.iv.2004, İ. ÇİNBİLGEL 2139. (Th).

S. papillosa Boiss.

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, macchie, 950 m, 26.v.2003, İ. ÇİNBİLGEL 1885. E. Medit., (Th).

S. gallica L.

İbradı, Ürünü village, A.C.N.P., around Altınbeşik hill, openings in macchie, 650 m, 18.v.2003, İ. ÇİNBİLGEL 1699. (Th).

S. conoidea L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 650 m, 24.v.2003, İ. ÇİNBİLGEL 1791. (Th).

ILLECEBRACEAE

Hernaria incana Lam.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, stony places, 780 m, N 37°01'86"-E 31°38'64", 25.v.2003, İ. ÇİNBİLGEL 1816. (H).

POLYGONACEAE

Atraphaxis billardieri Jaub. & Spach var. **billardieri**

İbradı, Ürünü village, A.C.N.P., around Değirmendere, macchie, 579 m, N 37°02'59"-E 31°37'03", 19.v.2003, İ. ÇİNBİLGEL 1731. Ir.-Tur., (Ch).

Polygonum arenastrum Boreau

İbradı, Ürünü village, A.C.N.P., entrance national park, stony places, 600 m, 20.xi.2006, İ. ÇİNBİLGEL 2670. (H).

P. equisetiforme Sibth. & Sm.

İbradı, Ürünü village, A.C.N.P., around Değirmendere, stony places, 550 m, 12.vi.2002, İ. ÇİNBİLGEL 1210. (H).

Rumex acetosella L.

İbradı, Ormana village, A.C.N.P., around İnönü hill, meadows (dolines), 950 m, N 37°04'18"-E 31°36'32", 30.v.2004, İ. ÇİNBİLGEL 2305. (Th).

R. crispus L.

İbradı, Ormana village, A.C.N.P., around İnönü hill, wet-shady places in caves, 1000 m, 28.v.2006, İ. ÇİNBİLGEL 2665. (H).

R. pulcher L.

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, stony places, 1100 m, 26.v.2003, İ. ÇİNBİLGEL 1908. (H).

CHENOPODIACEAE

Chenopodium botrys L.

İbradı, Ürünü village, A.C.N.P., around Değirmendere, stony places, 600 m, 02.vii.2002, İ. ÇİNBİLGEL 1286. (Th).

C. album L. subsp. **album** var. **album**

İbradı, Ürünü village, A.C.N.P., entrance national park, roadsides, 550 m, 09.xi.2003, İ. ÇİNBİLGEL 2033. (Th).

AMARANTHACEAE

Amaranthus patulus Berthel.

İbradı, Ürünü village, A.C.N.P., entrance national park, roadsides, 550 m, 04.x.2002, İ. ÇİNBİLGEL 1465. (Th).

PHYTOLACCACEAE

Phytolacca americana L.

İbradı, Ormana village, A.C.N.P., İnönü hill, macchie, 1120 m, 19.viii.2004, İ. ÇİNBİLGEL 2496. (H).

P. pruinosa Fenzl

Akseki, Menteşbey village, A.C.N.P., near Manavgat river, waste ground, 450 m, 22.v.2004, İ. ÇİNBİLGEL 2186.

E. Medit., (Ch).

HYPERICACEAE

Hypericum hircinum L. subsp. **majus** (Aiton) Robson

İbradı, Ürünü village, A.C.N.P., north Değirmendere, near rill, 848 m, N 37°04'09"-E 31°35'70", 17.vii.2003, İ. ÇİNBİLGEL 2111. Medit., (Ch).

H. perforatum L.

İbradı, Ürünü village, A.C.N.P., between Altınbeşik hill and Manavgat river, macchie, 550 m, 14.vi.2002, İ. ÇİNBİLGEL 1060. Medit., (H).

H. origanifolium Willd.

İbradı, Ormana village, A.C.N.P., İnönü hill, rocky slopes, 1100 m, 30.v.2004, İ. ÇİNBİLGEL 2290. (H).

H. perforatum L.

İbradı, Ürünü village, A.C.N.P., around Değirmendere, openings in macchie, 550 m, 24.vii.2002, İ. ÇİNBİLGEL 1440.

(H).

MALVACEAE

Hibiscus trionum L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 800 m, 22.v.2004, İ. ÇİNBİLGEL 2200. (Th).

Malva nicaeensis All.

İbradı, Düzlen district, A.C.N.P., around Karasay hills, open macchie, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1869. (Th).

M. neglecta Wallr.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 550 m, 24.v.2003, İ. ÇİNBİLGEL 1801. (Th).

Alcea pallida Waldst. & Kit.

İbradı, Ürünü village, A.C.N.P., around Altınbeşik cavern, roadsides, 450 m, 18.v.2003, İ. ÇİNBİLGEL 1692. (H).

LINACEAE

Linum nodiflorum L.

İbradı, Ürünü village, A.C.N.P., Değirmendere (field of old water mill), wet places, 597 m, 19.v.2003, İ. ÇİNBİLGEL 1734. Medit., (Th).

L. trigynum L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 550 m, 24.v.2003, İ. ÇİNBİLGEL 1790. Medit., (Th).

L. virgultorum Boiss. & Heldr.

İbradı, Ürünü village, A.C.N.P., around Değirmendere (hillsides), wet-stony places, 686 m, N 37°02'59"-E 31°37'13", 04.v.2003, İ. ÇİNBİLGEL 1677. E. Medit., (Th).

GERANIACEAE

Geranium lucidum L.

İbradı, Ürünü village, A.C.N.P., around Altınbeşik cavern, screes, 458 m, N 37°02'20"-E 31°37'99", 08.iii.2003, İ. ÇİNBİLGEL 1534. (Th).

G. purpureum Vill.

İbradı, Ürünü village, A.C.N.P., around Altınbeşik cavern, screes, 453 m, N 37°02'19"-E 31°38'02", 12.iv.2003, İ. ÇİNBİLGEL 1588. (Th).

G. rotundifolium L.

İbradı, Ürünü village, A.C.N.P., around entrance national park, stony places, 648 m, N 37°02'32"-E 31°37'52", 23.ii.2003, İ. ÇİNBİLGEL 1548. (Th).

G. molle L. subsp. **molle**

İbradı, Ürünli village, A.C.N.P., around entrance national park, wet places, 630 m, 10.iv.2004, İ. ÇİNBİLGEL 2126. (Th).

G. tuberosum L. subsp. **tuberosum**

İbradı, Ormana village, A.C.N.P., road of İnönü hill, stony places, 1000 m, 01.v.2006, İ. ÇİNBİLGEL 2593. (G).

Erodium gruinum (L.) L'Hér.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, stony places, 735 m, N 37°02'88"-E 31°36'76", 04.v.2003, İ. ÇİNBİLGEL 1676. E. Medit., (Th).

E. malacoides (L.) L'Hér.

İbradı, Ürünli village, A.C.N.P., entrance national park, roadsides, 675 m, N 37°02'33"-E 31°37'46", 18.i.2003, İ. ÇİNBİLGEL 1503. Medit., (Th).

E. cicutarium (L.) L'Hér. subsp. **cicutarium**

İbradı, Ürünli village, A.C.N.P., between entrance national park and Altınbeşik hill, roadsides, 735 m, N 37°02'39"-E 31°37'17", 18.i.2003, İ. ÇİNBİLGEL 1498. (Th).

E. cicutarium (L.) L'Hér. subsp. **bipinnatum** (Cav.) Tourlet
İbradı, Ürünli village, A.C.N.P., around Değirmendere (east hillsides), openings in macchie, 680 m, N 37°02'58"-E 31°37'13", 04.v.2003, İ. ÇİNBİLGEL 1680. (Th).

Pelargonium endlicherianum Fenzl

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, screes, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1896. (H).

ACERACEAE

Acer monspessulanum L. subsp. **monspessulanum**

İbradı, Düzlen district, A.C.N.P., northwest of Çuvallı hill, Juniperus excelsa forest, 950 m, 26.v.2003, İ. ÇİNBİLGEL 1877. (Ph).

VITACEAE

Vitis vinifera L.

İbradı, Ürünli village, A.C.N.P., entrance Altınbeşik cavern, rill sides, 400 m, 14.vi.2002, İ. ÇİNBİLGEL 1090. (Ph).

Ampelopsis orientale (Lam.) Planch.

İbradı, Ürünli village, A.C.N.P., around Arıkaya (hillsides), wet-rocky places, 670 m, 14.vi.2002, İ. ÇİNBİLGEL 1058. (Ch).

RHAMNACEAE

Paliurus spina-christi Mill.

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, macchie, 670 m, 14.vi.2002, İ. ÇİNBİLGEL 1043. (Ph).

Rhamnus rhodopeus Velen. subsp. **anatolicus** (Grubov) Browicz & Ziel.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, macchie, 810 m, 16.vii.2004, İ. ÇİNBİLGEL 2464. (Ph).

R. nitidus P.H.Davis

Akseki, Menteşbey village, A.C.N.P., Kale hill, macchie, 810 m, 25.v.2003, İ. ÇİNBİLGEL 1859. End., E. Medit., (Ph).

R. oleoides L. subsp. **graecus** (Boiss. & Reut.) Holmboe
İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 680 m, N 37°02'58"-E 31°37'13", 04.v.2003, İ. ÇİNBİLGEL 1674. E. Medit., (Ph).

R. pyrellus O. Schwarz

İbradı, Ürünli village, A.C.N.P., around Arıkaya, rocky places, 620 m, N 37°02'01"-E 31°37'98", 09.xi.2003, İ. ÇİNBİLGEL 2035. End., E. Medit., (Ph).

ANACARDIACEAE

Rhus coriaria L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 975 m, N 37°02'64"-E 31°37'31", 19.vi.2003, İ. ÇİNBİLGEL 1954. (Ph).

Pistacia terebinthus L. subsp. **palaestina** (Boiss.) Engl.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, macchie, 450 m, 19.v.2003, İ. ÇİNBİLGEL 1742. E. Medit., (Ph).

FABACEAE

Cercis siliquastrum L. subsp. **hebecarpa** (Bornm.) Yalt.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 743 m, N 37°02'94"-E 31°36'72", 04.v.2003, İ. ÇİNBİLGEL 1666. (Ph).

Anagyris foetida L.

Akseki, Menteşbey village, A.C.N.P., Kale hill, macchie, 800 m, 16.vii.2004, İ. ÇİNBİLGEL 2457. Medit., (Ph).

Gonocytisus angulatus (L.) Spach.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 600 m, 04.vii.2002, İ. ÇİNBİLGEL 1314. E. Medit., (Ph).

Spartium junceum L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 745 m, N 37°02'94"-E 31°36'72", 04.v.2003, İ. ÇİNBİLGEL 1439. Medit., (Ph).

Calicotome villosa (Poir.) Link

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, macchie, 653 m, N 37°01'99"-E 31°36'95", 23.iii.2003, İ. ÇİNBİLGEL 1555. Medit., (Ph).

Lupinus varius L.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Altınbeşik cavern, roadsides, 620 m, 20.vi.2003, İ. ÇİNBİLGEL 1987. Medit., (Th).

Colutea melanocalyx Boiss. & Heldr. subsp. **melanocalyx**

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 620 m, 19.v.2003, İ. ÇİNBİLGEL 1771. End., E. Medit., (Ph).

Biserrula pelecinus L.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, roadsides, 633 m, N 37°02'04"-E 31°37'83", 03.v.2003, İ. ÇİNBİLGEL 1614. Medit., (Th).

Astragalus tmoleus Boiss. var. **bounacanthus** (Boiss.) Chamb.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, openings in macchie, 630 m, 23.vii.2002, İ. ÇİNBİLGEL 1408. End., (Ch).

A. angustifolius Lam. subsp. **pungens** (Willd.) Hayek

İbradı, Ormana village, A.C.N.P., pathway of İnönü hill, roadsides, 950 m, 01.v.2006, İ. ÇİNBİLGEL 2584. (H).

A. cedreticola A. Duran & Podlech

İbradı, Düzlen district, A.C.N.P., around Çuvallı, macchie, 1047 m, N 37°03'79"-E 31°37'37", 26.v.2003, İ. ÇİNBİLGEL 1874. End., E. Medit., (H).

Psoralea bituminosa L.

İbradı, Ürünli village, A.C.N.P., between Altınbeşik hill and Manavgat river, macchie, 550 m, 14.vi.2002, İ. ÇİNBİLGEL 1045. Medit., (H).

Vicia villosa Roth subsp. **dasycarpa** (Ten.) Cav.

İbradı, Düzlen district, A.C.N.P., Karasay hills, macchie, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1911. (Th).

V. cassia Boiss.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, macchie, 1050 m, 30.v.2004, İ. ÇİNBİLGEL 2315. E. Medit., (Th).

V. hybrida L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, openings in macchie, 730 m, N 37°02'94"-E 31°36'72", 04.v.2003, İ. ÇİNBİLGEL 1667. (Th).

V. grandiflora Scop. var. **grandiflora**

İbradı, Ormana village, A.C.N.P., İnönü hill, macchie, 1100 m, 01.v.2006, İ. ÇİNBİLGEL 2583. (Th).

V. narbonensis L. var. **narbonensis**

İbradı, Ürünlü village, A.C.N.P., Arıkaya, rocky places, 640 m, N 37°02'02"-E 31°37'96", 10.iv.2004, İ. ÇİNBİLGEL 2115. (Th).

Lens orientalis (Boiss.) Hand.-Mazz.

Akseki, Menteşbey village, A.C.N.P., southwest of Kale hill, openings in macchie, 600 m, 24.v.2003, İ. ÇİNBİLGEL 1775. (Th).

Lathyrus digitatus (M.Bieb.) Fiori

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 739 m, N 37°02'86"-E 31°36'77", 04.v.2003, İ. ÇİNBİLGEL 1653. E. Medit., (H).

L. laxiflorus (Desf.) Kuntze subsp. **laxiflorus**

İbradı, Ormana village, A.C.N.P., south İnönü hill, under macchie, 1000 m, 28.v.2006, İ. ÇİNBİLGEL 2634. (H).

L. setifolius L.

İbradı, Ürünlü village, A.C.N.P., around entrance Altınbeşik cavern, screes, 453 m, N 37°02'19"-E 31°38'02", 12.iv.2003, İ. ÇİNBİLGEL 1589. Medit., (Th).

L. aphaca L. var. **pseudoaphaca** (Boiss.) P.H.Davis

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 550 m, 22.v.2004, İ. ÇİNBİLGEL 2224. E. Medit., (Th).

Pisum sativum L. subsp. **elatius** (M.Bieb.) Asch. & Graebn. var. **elatius**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 707 m, N 37°02'67"-E 31°36'98", 04.v.2003, İ. ÇİNBİLGEL 1657. Medit., (Th).

Ononis spinosa L. subsp. **leiosperma** (Boiss.) Sirj.

İbradı, Ormana village, A.C.N.P., between Değirmendere and İnönü hill, stony slopes, 1100 m, 17.vii.2003, İ. ÇİNBİLGEL 2016. (H).

O. mitissima L.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, openings in macchie, 800 m, 25.v.2003, İ. ÇİNBİLGEL 1818.

Medit., (Th).

Trifolium nigrescens Viv. subsp. **petrisavii** (Clem.) Holmboe

İbradı, Ormana village, A.C.N.P., southeast of İnönü hill, openings in macchie, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1888. (Th).

T. speciosum Willd.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony places, 620 m, N 37°02'76"-E 31°36'90", 19.v.2003, İ. ÇİNBİLGEL 1728. (Th).

T. campestre Schreb.

İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, open macchie, 660 m, 18.v.2003, İ. ÇİNBİLGEL 1711. (Th).

T. physodes Stev. ex M.Bieb. var. **physodes**

İbradı, Ürünlü village, A.C.N.P., entrance national park, under macchie, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1641. Medit., (H).

T. tomentosum L.

İbradı, Ürünlü village, A.C.N.P., entrance national park, stony places, 636 m, N 37°02'34"-E 31°37'41", 03.v.2003, İ. ÇİNBİLGEL 1644. (Th).

T. stellatum L. var. **stellatum**

Akseki, Menteşbey village, A.C.N.P., Kale hill, stony slopes, 806 m, 01.v.2004, İ. ÇİNBİLGEL 2142. (Th).

T. scabrum L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 600 m, 22.v.2004, İ. ÇİNBİLGEL 2229. (Th).

T. lucanicum Gasp.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, meadows, 900 m, N 37°04'18"-E 31°36'32", 30.v.2004, İ. ÇİNBİLGEL 2358. Medit., (Th).

T. lappaceum L. var. **lappaceum**

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, open macchie, 650 m, 22.v.2004, İ. ÇİNBİLGEL 2214. Medit., (Th).

T. cherleri L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, open macchie, 650 m, 22.v.2004, İ. ÇİNBİLGEL 2212. Medit., (Th).

T. affine C. Presl

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1100 m, 30.v.2004, İ. ÇİNBİLGEL 2365. (Th).

T. angustifolium var. **angustifolium**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 750 m, 01.vii.2002, İ. ÇİNBİLGEL 1252. (Th).

T. echinatum M.Bieb.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, openings in macchie, 550 m, 24.v.2003, İ. ÇİNBİLGEL 1797. E. Medit., (Th).

***T. pilulare** Boiss.

Akseki, Menteşbey village, A.C.N.P., Kale hill, stony places, 806 m, 01.v.2004, İ. ÇİNBİLGEL 2145. (Th).

Melilotus officinalis (L.) Desr.

Akseki, Menteşbey village, A.C.N.P., sides of Manavgat river, wet-shady places, 450 m, 22.v.2004, İ. ÇİNBİLGEL 2187. (Th).

Trigonella spruneriana Boiss. var. **suprineriana**

İbradı, Ürünlü village, A.C.N.P., entrance national park, roadsides, 630 m, 04.x.2002, İ. ÇİNBİLGEL 1461. Ir.-Tur., (Th).

***T. cylindracea** Desv.

İbradı, Düzlen district, A.C.N.P., west of Çuvallı hill, openings in macchie, 1150 m, 26.v.2003, İ. ÇİNBİLGEL 1873.

E. Medit., (Th).

T. crassipes Boiss.

İbradı, Ormana village, A.C.N.P., southwest of İnönü hill, openings in macchie, 900 m, N 37°04'04"-E 31°36'44", 28.v.2006, İ. ÇİNBİLGEL 2637. Ir.-Tur., (Th).

T. monspeliaca L.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, roadsides, 638 m, N 37°02'25"-E 31°37'59", 03.v.2003, İ. ÇİNBİLGEL 1611. Medit., (Th).

T. spicata Sibth. & Sm.

Akseki, Menteşbey village, A.C.N.P., Kale hill, stony slopes, 806 m, 25.iv.2004, İ. ÇİNBİLGEL 2175. E. Medit., (Th).

***T. foenum-graecum** L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 650 m, 22.v.2004, İ. ÇİNBİLGEL 2219. (Th).

Medicago orbicularis (L.) Bartal.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, wet-stony places, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1636. (Th).

M. sativa L. subsp. **sativa**

Akseki, Menteşbey village, A.C.N.P., west of Kale hill, stony places, 550 m, 24.v.2003, İ. ÇİNBİLGEL 1784. (H).

M. coronata (L.) Bartal.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 750 m, 12.vi.2003, İ. ÇİNBİLGEL 1179. Medit., (Th).

M. minima (L.) Bartal. var. **minima**

İbradı, Ürünlü village, A.C.N.P., between entrance national park and Altınbeşik hill, roadsides, 638 m, N 37°02'25"-E 31°37'59", 03.v.2003, İ. ÇİNBİLGEL 1612. (Th).

M. disciformis DC.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, open macchie, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1637. Medit., (Th).

M. polymorpha L. var. **polymorpha**

İbradı, Ürünlü village, A.C.N.P., around entrance national park, open macchie, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1635. (Th).

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

Akseki, Menteşbey village, A.C.N.P., Kale hill, stony places, 750 m, 25.v.2003, İ. ÇİNBİLGEL 1814. End., Ir.-Tur., (H).

Hymenocarpus circinnatus (L.) Savi

İbradı, Ürünlü village, A.C.N.P., around entrance national park, roadsides, 630 m, 20.vi.2003, İ. ÇİNBİLGEL 1994. Medit., (Th).

Securigera securidaca (L.) Degen & Dörfel

İbradı, Ormana village, A.C.N.P., İnönü hill, open macchie, 1100 m, 30.v.2004, İ. ÇİNBİLGEL 2598. (Th).

Coronilla emerus L. subsp. **emeroides** (Boiss. & Spruner) Hrabětova

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, macchie, 610 m, N 37°02'89"-E 31°36'76", 30.xi.2002, İ. ÇİNBİLGEL 1490. (Ph).

C. cretica L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 625 m, 04.x.2002, İ. ÇİNBİLGEL 1452. E. Medit., (Th).

C. parviflora Willd.

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, stony places, 1150 m, 23.v.2004, İ. ÇİNBİLGEL 2268. E. Medit., (Th).

C. grandiflora Boiss.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, stony places, 450 m, 30.xi.2002, İ. ÇİNBİLGEL 1695. End., E. Medit., (Th).

Onobrychis caput-galli (L.) Lam.

Akseki, Menteşbey village, A.C.N.P., Kale hill, openings in macchie, 800 m, 01.v.2004, İ. ÇİNBİLGEL 2141. Medit., (Th).

O. armena Boiss. & Huett

İbradı, Ormana village, A.C.N.P., İnönü hill, rocky places, 1120 m, N 37°04'37"-E 31°35'88", 30.v.2004, İ. ÇİNBİLGEL 2291. End., (H).

ROSACEAE

Prunus divaricata Ledeb. subsp. **divaricata**

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, fallow fields, 850 m, 16.vii.2004, İ. ÇİNBİLGEL 2460. (Ph).

Amygdalus communis L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, open macchie, 750 m, 04.v.2003, İ. ÇİNBİLGEL 1665. (Ph).

A. graeca Lindl.

İbradı, Ürünlü village, A.C.N.P., around Arıkaya, limestone cliffs, 568 m, N 37°02'04"-E 31°38'01", 22.ii.2003, İ. ÇİNBİLGEL 1521. E. Medit., (Ph).

Rubus sanctus Schreb.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, open macchie, 650 m, 23.vii.2002, İ. ÇİNBİLGEL 1386. (Ph).

Potentilla recta L.

İbradı, Ormana village, A.C.N.P., İnönü hill, openings in macchie, 1050 m, 30.v.2004, İ. ÇİNBİLGEL 2350. (H).

Geum urbanum L.

İbradı, Düzlen district, A.C.N.P., around Karasay hills, open forest, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1848. Euro.-Sib., (H).

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

İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony places, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1648. (H).

S. minor Scop. subsp. **muricata** (Spach) Briq.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, stony places, 650 m, 22.v.2004, İ. ÇİNBİLGEL 2189. (H).

Rosa canina L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, open macchie, 705 m, N 37°02'87"-E 31°36'77", 19.v.2003, İ. ÇİNBİLGEL 1722. (Ph).

Crataegus monogyna Jacq. subsp. **monogyna**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, macchie, 739 m, N 37°02'86"-E 31°36'77", 04.v.2003, İ. ÇİNBİLGEL 1664. (Ph).

C. monogyna Jacq. subsp. **azarella** (Griseb.) Franco

İbradı, Düzlen district, A.C.N.P., Karasay hills, macchie, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1887. (Ph).

Pyrus communis L. subsp. **sativa**

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, fallow fields, 1160 m, 23.v.2004, İ. ÇİNBİLGEL 2246. (Ph).

P. syriaca Boiss. var. **syriaca**

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, fallow fields, 850 m, 25.iv.2004, İ. ÇİNBİLGEL 2178. (Ph).

P. elaeagnifolia Pall. subsp. **elaegnifolia**

İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, open macchie, 628 m, N 37°01'99"-E 31°37'89", 12.iv.2003, İ. ÇİNBİLGEL 1576. (Ph).

PUNICACEAE

Punica granatum L.

İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, openings in macchie, 450 m, 14.vi.2002, İ. ÇİNBİLGEL 1039. (Ph).

CUCURBITACEAE

Bryonia cretica L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, stony slopes, 650 m, 24.v.2003, İ. ÇİNBİLGEL 1774. E. Medit., (H).

CRASSULACEAE

Umbilicus erectus DC.

İbradı, Düzlen district, A.C.N.P., Çuvallı hill, rock ledges, 1050 m, 26.v.2003, İ. ÇİNBİLGEL 1899. (Ch).

U. horizontalis (Guss.) DC. var. **horizontalis**

İbradı, Düzlen district, A.C.N.P., Çuvallı hill, rock crevices, 1000 m, 23.v.2004, İ. ÇİNBİLGEL 2259. E. Medit., (Ch).

U. horizontalis (Guss.) DC. var. **intermedius** (Boiss.) Chamb.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, rock crevices, 630 m, 18.v.2003, İ. ÇİNBİLGEL 1718. (Ch).

Rosularia globulariifolia (Fenzl) Berger

İbradı, Ürünlü village, A.C.N.P., between entrance national park and Altınbeşik hill, rock crevices, 600 m, 19.v.2003, İ. ÇİNBİLGEL 1764. End., E. Medit., (Ch).

R. libanotica (Lab.) Muirhead

İbradı, Ormana village, A.C.N.P., İnönü hill, on rocks, 1100 m, 28.v.2006, İ. ÇİNBİLGEL 2660. E. Medit., (Ch).

Sedum amplexicaule DC.

Akseki, Menteşbey village, A.C.N.P., Kale hill, stony places, 800 m, N 37°01'84"-E 31°38'66", 25.v.2003, İ. ÇİNBİLGEL 1834. *Medit.*, (Ch).

S. album L.

İbradı, Ormana village, A.C.N.P., east of İnönü hill, stony places, 1120 m, N 37°04'34"-E 31°36'06", 30.v.2004, İ. ÇİNBİLGEL 2303. (Ch).

S. litoreum Guss.

İbradı, Düzlen district, A.C.N.P., Çuvallı hill, stony places, 1000 m, 23.v.2004, İ. ÇİNBİLGEL 2270. *Medit.*, (Th).

S. pallidum M.Bieb. var. **pallidum**

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, stony places, 450 m, 18.v.2003, İ. ÇİNBİLGEL 1712. (Th).

SAXIFRAGACEAE

Saxifraga tridactylites L.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, shady-rocky places, 467 m, N 37°02'20"-E 31°38'03", 23.iii.2003, İ. ÇİNBİLGEL 1553. (Th).

S. hederacea L. var. **libanotica** (Bornm.) Matthews

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, shady-rocky places, 416 m, N 37°02'36"-E 31°37'92", 23.iii.2003, İ. ÇİNBİLGEL 1536. (Th).

S. hederacea L. var. **hederacea**

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, shady-rocky places, 416 m, N 37°02'36"-E 31°37'92", 23.iii.2003, İ. ÇİNBİLGEL 1554. (Th).

APIACEAE

Eryngium falcatum Delarbre

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1327. *E. Medit.*, (H).

E. creticum Lam.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, open macchie, 750 m, 24.vii.2002, İ. ÇİNBİLGEL 1447. *E. Medit.*, (H).

E. glomeratum Lam.

Akseki, Menteşbey village, A.C.N.P., Kale hill, rocky places, 800 m, 12.viii.2003, İ. ÇİNBİLGEL 2026. (H).

Legocia cuminoides L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 800 m, 12.vi.2002, İ. ÇİNBİLGEL 1211. *Medit.*, (Th).

Anthriscus nemorosa (M.Bieb.) Spreng.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, wet-shady meadows, 1050 m, 28.v.2006, İ. ÇİNBİLGEL 2640. (H).

A. caucalis M.Bieb.

İbradı, Ürünlü village, A.C.N.P., Arıkaya, stony slopes, 650 m, 12.vi.2004, İ. ÇİNBİLGEL 2379. (Th).

Scandix stellata Banks & Sol.

İbradı, Ürünlü village, A.C.N.P., north of Altınbeşik hill, stony slopes, 628 m., 23.iii.2003, İ. ÇİNBİLGEL 1556. (Th).

S. iberica M.Bieb.

İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, stony places, 650 m, 19.v.2003, İ. ÇİNBİLGEL 1760. (Th).

S. pecten-veneris L.

Akseki, Menteşbey village, A.C.N.P., Kale hill, rocky slopes, 700 m, 25.iv.2004, İ. ÇİNBİLGEL 2170. (Th).

S. australis L. subsp. **grandiflora** (L.) Thell.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, stony places, 600 m, 22.v.2004, İ. ÇİNBİLGEL 2220. (Th).

Scaligeria napiformis (Spreng.) Grande

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 705 m, N 37°02'87"-E 31°36'77", 19.v.2003, İ. ÇİNBİLGEL 1723. *E. Medit.*, (H).

Smyrniium connatum Boiss. & Kotschy

İbradı, Ürünlü village, A.C.N.P., around entrance of national park, rocky places, 640 m, 03.v.2003, İ. ÇİNBİLGEL 1627. *E. Medit.*, (H).

Bunium microcarpum (Boiss.) Freyn subsp. **bourgaei** (Boiss.) Hedge & Lamond

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony places, 669 m, N 37°02'68"-E 31°37'00", 04.v.2003, İ. ÇİNBİLGEL 1654. *Ir.-Tur.*, (G).

Huetia cynapioides (Guss.) P. W. Ball subsp. **macrocarpa** (Boiss. & Spruner) P. W. Ball

İbradı, Ormana village, A.C.N.P., south of İnönü hill, openings in macchie, 900 m, 28.v.2006, İ. ÇİNBİLGEL 2648. (H).

Pimpinella peregrina L.

İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, macchie, 450 m, N 37°02'16"-E 31°38'26", 20.vi.2003, İ. ÇİNBİLGEL 1977. (H).

Kundmannia anatolica Hub.- Mor.

İbradı, Ürünlü village, A.C.N.P., Arıkaya, rock crevices, 650 m, 12.vi.2004, İ. ÇİNBİLGEL 2366. *End.*, *E. Medit.*, (H).

Bupleurum erubescens Boiss.

İbradı, Ormana village, A.C.N.P., east of İnönü hill, stony places, 1110 m, N 37°04'34"-E 31°36'06", 30.v.2004, İ. ÇİNBİLGEL 2299. *End.*, (Th).

B. asperuloides Heldr.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 610 m, 05.x.2002, İ. ÇİNBİLGEL 1469. (Th).

B. subuniflorum Boiss. & Heldr.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 630 m, 06.x.2002, İ. ÇİNBİLGEL 1485. *End.*, *E. Medit.*, (Th).

Falcaria vulgaris Bernh.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, rocky places, 620 m, N 37°02'32"-E 31°37'55", 20.vi.2003, İ. ÇİNBİLGEL 1972. (H).

Johrenia tortuosa (Fisch. & C.A.Mey.) Chamb.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, open macchie and stony slopes, 650 m, 02.vii.2002, İ. ÇİNBİLGEL 1262. (H).

Ferula lycia Boiss.

İbradı, Düzlen district, A.C.N.P., Çuvallı hill, rocky places, 1000 m, 23.v.2004, İ. ÇİNBİLGEL 2251. *End.*, *Ir.-Tur.*, (H).

Opopanax hispidus (Friv.) Griseb.

İbradı, Ormana village, A.C.N.P., between Değirmendere and İnönü hill, open macchie, 850 m, N 37°03'19"-E 31°36'41", 10.vi.2003, İ. ÇİNBİLGEL 1943. (H).

Peucedanum chryseum (Boiss. & Heldr.) Chamb.

İbradı, Ormana village, A.C.N.P., İnönü hill, open macchie, 1100 m, 17.vii.2003, İ. ÇİNBİLGEL 2018. *End.*, (H).

Tordylium ketenoglui H. Duman & A. Duran

İbradı, Ürünlü village, A.C.N.P., around entrance national park, rocky places, 640 m, 18.v.2003, İ. ÇİNBİLGEL 1717. *End.*, *E. Medit.*, (Th).

T. syriacum L.

İbradı, Düzlen district, A.C.N.P., Çuvallı hill, stony places, 1000 m, 23.v.2004, İ. ÇİNBİLGEL 2260. *E. Medit.*, (Th).

Torilis arvensis (Huds.) Link subsp. **arvensis**

İbradı, Ürünlü village, A.C.N.P., north of Değirmendere, wet places, 750 m, 17.vii.2003, İ. ÇİNBİLGEL 2000. (Th).

T. arvensis (Huds.) Link subsp. **elongata** (Hoffmanns. & Link) Cannon

İbradı, Ürünlü village, A.C.N.P., around entrance national park, open macchie, 630 m, 19.v.2003, İ. ÇİNBİLGEL 1751. *Medit.*, (Th).

T. leptophylla (L.) Rechb.

İbradı, Ürünlü village, A.C.N.P., between around entrance national park and Altınbeşik hill, roadsides, 640 m, 19.v.2003, İ. ÇİNBİLGEL 1750. (Th).

Caucalis platycarpus L.

İbradı, Ürünlü village, A.C.N.P., pathway of Altınbeşik cavern, openings in macchie, 640 m, 14.vi.2002, İ. ÇİNBİLGEL 1086. (Th).

Turgenia latifolia (L.) Hoffm.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, openings in macchie, 620 m, 18.v.2003, İ. ÇİNBİLGEL 1686. (Th).

Daucus broteri Ten.

İbradı, Ürünlü village, A.C.N.P., around Arıkaya, openings in macchie, 630 m, 12.vi.2004, İ. ÇİNBİLGEL 2391. *Medit.*, (Th).

Artemisia squamata L.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik hill, openings in macchie, 640 m, 18.v.2003, İ. ÇİNBİLGEL 1702. (Th).

ARALIACEAE

Hedera helix L.

Akseki, Menteşbey village, A.C.N.P., sides of Manavgat river, climbing over trees, 533 m, N 37°01'73"-E 31°38'37", 01.xi.2002, İ. ÇİNBİLGEL 1493. (Ph).

CORNACEAE

Cornus mas L.

Akseki, Menteşbey village, A.C.N.P., sides of Manavgat river, near rills, 520 m, 04.vii.2002, İ. ÇİNBİLGEL 1369. *Euro.-Sib.*, (Ph).

CAPRIFOLIACEAE

Sambucus ebulus L.

Akseki, Menteşbey village, A.C.N.P., Kale hill, side of pathway, 800 m, 16.vii.2004, İ. ÇİNBİLGEL 2448. *Euro.-Sib.*, (Ph).

Lonicera nummularifolia Jaub. & Spach subsp. **nummularifolia**

İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, macchie, 500 m, 20.vi.2003, İ. ÇİNBİLGEL 1971. (Ph).

L. etrusca Santi var. **etrusca**

İbradı, Ürünlü village, A.C.N.P., around entrance national park, macchie, 670 m, N 37°02'30"-E 31°37'43", 09.vi.2003, İ. ÇİNBİLGEL 1926. *Medit.*, (Ph).

RUBIACEAE

Sherardia arvensis L.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony places, 630 m, N 37°02'31"-E 31°37'43", 12.iv.2003, İ. ÇİNBİLGEL 1564. *Medit.*, (Th).

Crucianella angustifolia L.

İbradı, Ormana village, A.C.N.P., southwest of İnönü hill, openings in macchie, 950 m, 30.v.2004, İ. ÇİNBİLGEL 2363. *Medit.*, (Th).

C. latifolia L.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, roadsides, 630 m, 19.v.2003, İ. ÇİNBİLGEL 1757. *Medit.*, (Th).

Asperula arvensis L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, wet-stony places, 700 m, 02.vii.2002, İ. ÇİNBİLGEL 1236. *Medit.*, (Th).

A. setosa Jaub. & Spach

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, openings in macchie, 950 m, 23.v.2004, İ. ÇİNBİLGEL 2286. *Ir.-Tur.*, (Th).

A. serotina (Boiss. & Heldr.) Ehrend.

İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, on rocks, 450 m, N 37°01'89"-E 31°38'21", 20.vi.2003, İ. ÇİNBİLGEL 1980. *End.*, *E. Medit.*, (Ch).

Galium verum L. subsp. **glabrescens** Ehrend.

İbradı, Ormana village, A.C.N.P., around Değirmendere, near rills, 750 m, N 37°04'04"-E 31°35'70", 17.vii.2003, İ. ÇİNBİLGEL 2012. *Ir.-Tur.*, (H).

G. consanguineum Boiss.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, stony places, 900 m, 30.v.2004, İ. ÇİNBİLGEL 2357. *Ir.-Tur.*, (H).

G. adhaerens Boiss. & Balansa

İbradı, Ormana village, A.C.N.P., around İnönü hill, stony places, 1000 m, 01.v.2006, İ. ÇİNBİLGEL 2569. *End.*, *E. Medit.*, (Th).

G. peplidifolium Boiss.

Akseki, Menteşbey village, A.C.N.P., sides of Manavgat river, open macchie, 500 m, 22.v.2004, İ. ÇİNBİLGEL 2196. *E. Medit.*, (Th).

G. isauricum Ehrend. & Schönb.-Tem.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), stony places, 686 m, N 37°02'61"-E 31°37'41", 04.v.2003, İ. ÇİNBİLGEL 1672. *End.*, *E. Medit.*, (Th).

G. floribundum Sm. subsp. **floribundum**

İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, wet places, 450 m, 20.vi.2003, İ. ÇİNBİLGEL 1993. (Th).

G. murale (L.) All.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, screes, 453 m, N 37°02'19"-E 31°38'02", 12.iv.2003, İ. ÇİNBİLGEL 1585. *Medit.*, (Th).

Cruciata taurica (Pall. ex Willd.) Ehrend.

İbradı, Ormana village, A.C.N.P., road of İnönü hill, stony places, 1100 m, 30.v.2004, İ. ÇİNBİLGEL 2294. *Ir.-Tur.*, (H).

Valantia hispida L.

İbradı, Ürünlü village, A.C.N.P., Arıkaya, rocky places, 610 m, N 37°02'07"-E 31°37'98", 22.ii.2003, İ. ÇİNBİLGEL 1532. *Medit.*, (Th).

Rubia tenuifolia d'Urv. subsp. **brachypoda** (Boiss.) Ehrend. & Schönb.-Tem.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 600 m, 04.vii.2002, İ. ÇİNBİLGEL 1368. *E. Medit.*, (Ph).

VALERIANACEAE

Valeriana dioscoridis Sm.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, openings in macchie, 631 m, N 37°02'35"-E 31°37'43", 12.iv.2003, İ. ÇİNBİLGEL 1567. *E. Medit.*, (H).

Valerianella orientalis (Schltdl.) Boiss. & Balansa

İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony places, 630 m, N 37°02'31"-E 31°37'43", 12.iv.2003, İ. ÇİNBİLGEL 1561. *Medit.*, (Th).

V. coronata (L.) DC.

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1120 m, 30.v.2004, İ. ÇİNBİLGEL 2353/A. (Th).

V. obtusiloba Boiss.

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1120 m, 30.v.2004, İ. ÇİNBİLGEL 2353. *E. Medit.*, (Th).

V. vesicaria (L.) Moench

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 630 m, N 37°02'31"-E 31°37'43", 18.v.2003, İ. ÇİNBİLGEL 1704. (Th).

DIPSACACEAE

Cephalaria dipsacoides Boiss. & Balansa

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 630 m, 24.v.2003, İ. ÇİNBİLGEL 1786. E. Medit., (H).

Knautia integrifolia (L.) Bertol. var. **bidens** (Sm.) Borbás
İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, stony slopes, 650 m, 25.v.2003, İ. ÇİNBİLGEL 1941. E. Medit., (Th).

Scabiosa reuteriana Boiss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 800 m, 13.vi.2002, İ. ÇİNBİLGEL 1128. End., E. Medit., (Th).

Pteroccephalus plumosus (L.) Coult.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), stony places, 800 m, 13.vi.2002, İ. ÇİNBİLGEL 1127. (Th).

ASTERACEAE

Helianthus annuus L.

Akseki, Menteşbey village, A.C.N.P., sides of Manavgat river, waste ground, 531 m, N 37°02'24"-E 31°38'34", 01.xi.2002, İ. ÇİNBİLGEL 1494. (Th).

Pallenis spinosa (L.) Cass.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Manavgat river, openings in macchie, 600 m, 14.vi.2002, İ. ÇİNBİLGEL 1072. Medit., (Th).

Chrysophthalmum dichotomum Boiss. & Heldr.

İbradı, Ürünli village, A.C.N.P., north of Değirmendere, near rills, 750 m, 24.vii.2002, İ. ÇİNBİLGEL 1437. End., E. Medit., (Ch).

Inula heterolepis Boiss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), rocky crevices, 635 m, 05.x.2002, İ. ÇİNBİLGEL 1473. E. Medit., (Ch).

I. viscosa (L.) Aiton

İbradı, Ürünli village, A.C.N.P., sides of Manavgat river, riversides, 500 m, N 37°02'14"-E 31°38'27", 20.vi.2003, İ. ÇİNBİLGEL 1979. Medit., (Ch).

Pulicaria dysenterica (L.) Bernh.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Manavgat river, openings in macchie, 520 m, 20.vi.2003, İ. ÇİNBİLGEL 1985. (Ch).

Phagnalon graecum Boiss.

İbradı, Ürünli village, A.C.N.P., Arıkaya, rocky crevices, 640 m, 14.vi.2002, İ. ÇİNBİLGEL 1117. E. Medit., (Ch).

Helichrysum pamphylicum P.H.Davis & Kupicha

İbradı, Ürünli village, A.C.N.P., east of Altınbeşik hill, macchie, 550 m, 14.vi.2002, İ. ÇİNBİLGEL 1064. End., E. Medit., (H).

H. chasmolycicum P. H. Davis

İbradı, Ürünli village, A.C.N.P., Arıkaya, rocky crevices, 640 m, 14.vi.2002, İ. ÇİNBİLGEL 1080. End., E. Medit., (Ch).

Filago eriocephala Guss.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 600 m, 24.v.2003, İ. ÇİNBİLGEL 1800. E. Medit., (Th).

F. pyramidata L.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Altınbeşik cavern, roadsides, 640 m, 14.vi.2002, İ. ÇİNBİLGEL 1220. (Th).

Bellis perennis L.

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, meadows, 614 m, N 37°02'01"-E 31°37'87", 22.ii.2003, İ. ÇİNBİLGEL 1518. Euro.-Sib., (H).

Senecio vulgaris L.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, roadsides, 630 m, N 37°02'02"-E 31°37'86", 22.ii.2003, İ. ÇİNBİLGEL 1530. (Th).

S. vernalis Waldst. & Kit.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 624 m, N 37°02'24"-E 31°37'61", 18.i.2003, İ. ÇİNBİLGEL 1505. (Th).

Calendula arvensis L.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 620 m, 22.ii.2003, İ. ÇİNBİLGEL 1524. (Th).

Anthemis pauciloba Boiss. var. **pauciloba**

İbradı, Ormana village, A.C.N.P., north side of İnönü Tepesi, rocky places, 1120 m, 30.v.2004, İ. ÇİNBİLGEL 2336. End., E. Medit., (H).

A. chia L.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Altınbeşik cavern, roadsides, 735 m, N 37°02'39"-E 31°37'17", 18.i.2003, İ. ÇİNBİLGEL 1499. E. Medit., (Th).

A. cotula L.

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, openings in macchie, 642 m, N 37°02'02"-E 31°37'84", 09.vi.2003, İ. ÇİNBİLGEL 1927. (Th).

A. pseudocotula Boiss.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 630 m, N 37°02'21"-E 31°37'66", 03.v.2003, İ. ÇİNBİLGEL 1625. (Th).

***A. palestina** Reut.

Akseki, Menteşbey village, A.C.N.P., Kale hill, openings in macchie, 810 m, 25.iv.2004, İ. ÇİNBİLGEL 2166. E. Medit., (Th).

A. pestalozzae Boiss.

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1638. End., E. Medit., (Th).

Achillea setacea Waldst. & Kit.

İbradı, Ormana village, A.C.N.P., north of Değirmendere, wet places, 750 m, 17.vii.2003, İ. ÇİNBİLGEL 2007. Euro.-Sib., (H).

Onopordum acanthium L.

İbradı, Ormana village, A.C.N.P., İnönü hill, open macchie, 950 m, 26.v.2003, İ. ÇİNBİLGEL 1872. (H).

Picnomon acarna (L.) Cass.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 595 m, 04.x.2002, İ. ÇİNBİLGEL 1455. Medit., (Th).

Lamyropsis cynaroides (Lam.) Dittrich

İbradı, Ürünli village, A.C.N.P., around entrance national park, on rocks, 620 m, 19.v.2003, İ. ÇİNBİLGEL 1745. E. Medit., (Ch).

Ptilostemon chamaepeuce (L.) Less.

İbradı, Ürünli village, A.C.N.P., old pathway of Altınbeşik cavern, limestone cliffs, 640 m, 14.vi.2002, İ. ÇİNBİLGEL 1098. Medit., (Ch).

Carduus nutans L.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, open macchie, 650 m, 09.vi.2003, İ. ÇİNBİLGEL 1930. (H).

C. argentatus L.

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Manavgat river, openings in macchie, 630 m, 14.vi.2002, İ. ÇİNBİLGEL 1067. E. Medit., (Th).

C. pycnocephalus L. subsp. **pycnocephalus**

İbradı, Ürünli village, A.C.N.P., around entrance national park, rocky places, 630 m, 19.v.2003, İ. ÇİNBİLGEL 1746. *Medit.*, (Th).

Tyrimnus leucographus (L.) Cass.

İbradı, Ürünli village, A.C.N.P., around entrance national park, on shady rocks, 630 m, 18.v.2003, İ. ÇİNBİLGEL 1706. *Medit.*, (Th).

Centaurea virgata Lam.

İbradı, Ormana village, A.C.N.P., İnönü hill, roadsides, 1100 m, 16.vii.2004, İ. ÇİNBİLGEL 2476. Ir.-Tur., (Ch).

C. calolepis Boiss.

İbradı, Ürünli village, A.C.N.P., north of Değirmendere, stony places, 750 m, 24.vii.2002, İ. ÇİNBİLGEL 1443. *End.*, *E. Medit.*, (Ch).

C. solstitialis L. subsp. **pyracantha**

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 700 m, 12.vi.2002, İ. ÇİNBİLGEL 1158. *End.*, *E. Medit.*, (Th).

C. iberica Trev. ex Spreng.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 620 m, 18.v.2003, İ. ÇİNBİLGEL 1687. (H).

C. urvillei DC. subsp. **urvillei**

Akseki, Menteşbey village, A.C.N.P., around Kale hill, stony places, 800 m., 25.v.2003, İ. ÇİNBİLGEL 1829. *E. Medit.*, (H).

C. urvillei DC. subsp. **hayekiana** Wagenitz

İbradı, Ürünli village, A.C.N.P., upsides of Altınbeşik cavern, screes, 700 m, 14.vi.2002, İ. ÇİNBİLGEL 1093. Ir.-Tur., (H).

Crupina crupinastrum (Moris) Vis.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 800 m, 04.vii.2002, İ. ÇİNBİLGEL 1340. (Th).

Cnicus benedictus L. var. **kotschy** Boiss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (field of old water mill), wet places, 707 m, N 37°02'64"-E 31°37'00", 13.iv.2003, İ. ÇİNBİLGEL 1593. (Th).

Carthamus dentatus Vahl subsp. **dentatus**

İbradı, Ürünli village, A.C.N.P., around Değirmendere, stony places, 700 m, 24.vii.2002, İ. ÇİNBİLGEL 1438. (Th).

Stachelina lobelii DC.

İbradı, Ürünli village, A.C.N.P., upsides of Altınbeşik cavern, rocky places, 500 m, 30.xi.2002, İ. ÇİNBİLGEL 1489.

E. Medit., (Ch).

Carlina corymbosa L.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, openings in macchie, 620 m, 04.x.2002, İ. ÇİNBİLGEL 1453.

Medit., (H).

Xeranthemum annuum L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 700 m, 12.vi.2002, İ. ÇİNBİLGEL 1147. (Th).

Echinops ritro L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1330. (Th).

Scolymus hispanicus L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, stony places, 700 m, 24.vii.2002, İ. ÇİNBİLGEL 1414. *Medit.*, (H).

Choridium pumilum Jacq.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 934 m, N 37°02'64"-E 31°37'25", 19.vi.2003, İ. ÇİNBİLGEL 1953. *E. Medit.*, (H).

Scorzonera elata Boiss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), stony slopes, 850 m, 13.vi.2004, İ. ÇİNBİLGEL 2425. *E. Medit.*, (H).

S. eriophora DC.

İbradı, Ormana village, A.C.N.P., road of İnönü hill, roadsides, 1000 m, 10.v.2006, İ. ÇİNBİLGEL 2618. *End.*, (H).

Tragopogon longirostris Bisch. ex Sch.Bip. var. **longirostris**

İbradı, Ormana village, A.C.N.P., İnönü hill, stony slopes, 1100 m, 28.v.2006, İ. ÇİNBİLGEL 2658. (H).

T. longirostris Bisch. ex Sch.Bip. var. **abbreviatus** Boiss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, wet-stony places, 700 m, 24.vii.2002, İ. ÇİNBİLGEL 1424. (H).

Leontodon crispus Vill. subsp. **asper** (Waldst. & Kit.) Rohlena var. **asper**

İbradı, Düzlen district, A.C.N.P., Karasay hills, stony places, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1856. (H).

Picris pauciflora Willd.

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, stony places, 650 m, 09.vi.2003, İ. ÇİNBİLGEL 1940. *Medit.*, (Th).

P. cyprica Lack

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 550 m, 22.v.2004, İ. ÇİNBİLGEL 2211. *E. Medit.*, (Th).

Urospermum picroides (L.) F.W. Schmidt

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 550 m, 04.vii.2002, İ. ÇİNBİLGEL 1309. *Medit.*, (Th).

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

İbradı, Ürünli village, A.C.N.P., around entrance national park, openings in macchie, 662 m, N 37°02'31"-E 31°37'44", 23.iii.2003, İ. ÇİNBİLGEL 1546. *Medit.*, (Th).

Sonchus asper (L.) Hill subsp. **glaucescens** (Jord.) Ball.

İbradı, Ürünli village, A.C.N.P., around entrance national park, rocky places, 630 m, 03.v.2003, İ. ÇİNBİLGEL 1621. (H).

Pilosella x auriculoides (Láng) Sell & C.West

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, macchie, 800 m, 25.v.2003, İ. ÇİNBİLGEL 1913. (H).

Steptorhamphus tuberosus (Jacq.) Grossh.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), rocky places, 900 m, 13.vi.2002, İ. ÇİNBİLGEL 1137. (H).

Lactuca intricata Boiss.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 640 m, 24.v.2007, İ. ÇİNBİLGEL 2693. *E. Medit.*(mt.), (H).

Scariola viminea (L.) F.W. Schmidt

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, openings in macchie, 800 m, 25.v.2003, İ. ÇİNBİLGEL 1918. (H).

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

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 705 m, N 37°02'87"-E 31°36'77", 19.v.2003, İ. ÇİNBİLGEL 1725. (Th).

Taraxacum hellenicum Dahlst.

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 638 m, N 37°02'34"-E 31°37'41", 03.v.2003, İ. ÇİNBİLGEL 1629. *Medit.*, (H).

Chondrilla juncea L. var. **juncea**

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 550 m, 11.viii.2003, İ. ÇİNBİLGEL 2023. (H).

Crepis reuterana Boiss. subsp. **reuterana**

İbradı, Ürünli village, A.C.N.P., around Değirmendere, stony places, 600 m., 23.vii.2002, İ. ÇİNBİLGEL 1402. E. Medit., (H).

C. foetida L. subsp. **foetida**

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, stony places, 620 m, 19.v.2003, İ. ÇİNBİLGEL 1752. (Th).

C. foetida L. subsp. **commutata** (Spreng.) Babc.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 600 m, 04.vii.2002, İ. ÇİNBİLGEL 1308. (Th).

C. sancta (L.) Babc.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, stony places, 600 m, 22.v.2004, İ. ÇİNBİLGEL 2201. (Th).

C. zacintha (L.) Babc.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 550 m, 25.iv.2004, İ. ÇİNBİLGEL 2222. Medit., (Th).

C. micrantha Czerep.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, stony places, 586 m, N 37°02'62"-E 31°37'02", 19.v.2003, İ. ÇİNBİLGEL 1730. (Th).

CAMPANULACEAE

Campanula lyrata Lam. subsp. **lyrata**

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 708 m, N 37°02'77"-E 31°36'91", 19.v.2003, İ. ÇİNBİLGEL 1726. End., (H).

C. propinqua Fisch. & C.A.Mey.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 792 m, N 37°02'63"-E 31°37'22", 04.v.2003, İ. ÇİNBİLGEL 1669. Ir.-Tur., (Th).

C. delicatula Boiss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 700 m, 12.vi.2002, İ. ÇİNBİLGEL 1157. (Th).

C. phrygia Jaub. & Spach.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 550 m, 22.v.2004, İ. ÇİNBİLGEL 2243. E. Medit., (Th).

C. peregrina L.

İbradı, Ürünli village, A.C.N.P., sides of Manavgat river, riverside, 450 m, 19.vi.2003, İ. ÇİNBİLGEL 1976. E. Medit., (H).

Michauxia campanuloides L'Hér. ex Aiton

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 650 m, 13.vi.2002, İ. ÇİNBİLGEL 1119. E. Medit., (H).

Legousia falcata (Ten.) Fritsch

İbradı, Ürünli village, A.C.N.P., around entrance national park, rocky places, 630 m, 03.v.2003, İ. ÇİNBİLGEL 1623. Medit., (Th).

L. speculum-veneris (L.) Chaix

İbradı, Ürünli village, A.C.N.P., around entrance national park, open macchie, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1646. Medit., (Th).

ERICACEAE

Arbutus andrachne L.

İbradı, Ürünli village, A.C.N.P., between Altınbeşik hill and Altınbeşik cavern, macchie, 550 m, 04.x.2002, İ. ÇİNBİLGEL 1460. (Ph).

PRIMULACEAE

Cyclamen cilicicum Boiss. & Heldr. var. **cilicicum**

İbradı, Ürünli village, A.C.N.P., old pathway of Altınbeşik cavern, rocky slopes, 699 m, N 37°02'00"-E 31°37'89", 30.xi.2002, İ. ÇİNBİLGEL 1490. End., E. Medit. (mt), (G).

Lysimachia atropurpurea L.

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, stony places, 950 m, 26.v.2003, İ. ÇİNBİLGEL 1892. E. Medit., (Th).

Anagallis arvensis L. var. **caerulea** (L.) Gouan

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), stony slopes, 701 m, N 37°02'61"-E 31°37'12", 13.iv.2003, İ. ÇİNBİLGEL 1599. (Th).

STYRACACEAE

Styrax officinalis L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 650 m, 23.vii.2002, İ. ÇİNBİLGEL 1400. (Ph).

OLEACEAE

Jasminum fruticans L.

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, macchie, 660 m, 18.v.2003, İ. ÇİNBİLGEL 1710. Medit., (Ph).

Fontanesia philliraeoides Labill. subsp. **philliraeoides**

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Manavgat river, macchie, 550 m, 14.vi.2002, İ. ÇİNBİLGEL 1030. E. Medit., (Ph).

Fraxinus ornus L. subsp. **cilicica** (Lingelsh.) Yalt.

İbradı, Ormana village, A.C.N.P., İnönü hill, macchie, 1120 m, 01.v.2006, İ. ÇİNBİLGEL 2602. End., E. Medit., (Ph).

F. angustifolia Vahl subsp. **angustifolia**

İbradı, Ormana village, A.C.N.P., southeast of İnönü hill, macchie, 900 m, 26.v.2003, İ. ÇİNBİLGEL 1891. (Ph).

Olea europaea L. var. **sylvestris** (Mill.) Lehr

İbradı, Ürünli village, A.C.N.P., pathway of Altınbeşik hill-Manavgat river, macchie, 550 m, 14.vi.2002, İ. ÇİNBİLGEL 1099. Medit., (Ph).

Phillyrea latifolia L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, macchie, 650 m, 13.iv.2003, İ. ÇİNBİLGEL 1609. Medit., (Ph).

APOCYNACEAE

Nerium oleander L.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, rill sides, 400 m, 14.vi.2002, İ. ÇİNBİLGEL 1079. Medit., (Ph).

ASCLEPIADACEAE

Vincetoxicum canescens (Willd.) Decne. subsp. **pedunculata** Browicz

İbradı, Ormana village, A.C.N.P., İnönü hill, stony slopes, 1100 m., 28.v.2006, İ. ÇİNBİLGEL 2657. End., E. Medit., (H).

V. tmoleum Boiss.

İbradı, Ormana village, A.C.N.P., southeast of İnönü hill, openings in macchie, 950 m, 30.v.2004, İ. ÇİNBİLGEL 2334.

Ir.-Tur., (H).

V. fuscatum (Hornem.) Rchb. subsp. **boissieri** (Kusn.) Browicz.

İbradı, Ormana village, A.C.N.P., İnönü hill, macchie, 1050 m, 28.v.2006, İ. ÇİNBİLGEL 2650. End., Ir.-Tur., (H).

Cionura erecta (L.) Griseb.

İbradı, Ürünli village, A.C.N.P., sides of Manavgat river, riverside, 400 m, 14.vi.2002, İ. ÇİNBİLGEL 1014. E. Medit., (Ph).

GENTIANACEAE

Centaureum pulchellum (Sw.) Druce
İbradı, Ürünlü village, A.C.N.P., near Manavgat river, openings in macchie, 400 m, N 37°02'16"-E 31°38'26", 20.vi.2003, İ. ÇİNBİLGEL 1981. (Th).

CONVOLVULACEAE

Convolvulus cantabrica L.
İbradı, Ormana village, A.C.N.P., İnönü hill, roadsides, 1100 m, 30.v.2004, İ. ÇİNBİLGEL 2325. (H).
C. arvensis L.
İbradı, Ormana village, A.C.N.P., south of İnönü hill, meadows, 900 m, 30.v.2004, İ. ÇİNBİLGEL 2342. (H).
C. betonicifolius Mill. subsp. **betonicifolius**
İbradı, Ürünlü village, A.C.N.P., north of Değirmendere, fallow fields, 750 m, 01.vii.2002, İ. ÇİNBİLGEL 1270. (H).

CUSCUTACEAE

Cuscuta approximata Bab. var. **approximata**
İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, on *Salvia tomentosa*, 660 m, N 37°02'02"-E 31°37'84", 09.vi.2003, İ. ÇİNBİLGEL 1931. (Vp).

BORAGINACEAE

Heliotropium europaeum L.
İbradı, Ürünlü village, A.C.N.P., around entrance national park, roadsides, 630 m, 04.x.2002, İ. ÇİNBİLGEL 1468. (Th).

H. hirsutissimum Grauer
İbradı, Ürünlü village, A.C.N.P., around entrance national park, roadsides, 630 m, 04.x.2002, İ. ÇİNBİLGEL 1467. E. Medit., (Th).

Asperugo procumbens L.
İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, stony places, 609 m, N 37°01'96"-E 31°37'93", 12.iv.2003, İ. ÇİNBİLGEL 1580. Euro.-Sib., (Th).

Myosotis stricta Link ex Roem. & Schult.
İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony places, 633 m, N37°02'30"-E 31°37'44", 12.iv.2003, İ. ÇİNBİLGEL 1559. Euro.-Sib., (Th).

Cynoglossum creticum Mill.
İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1110 m, 30.v.2004, İ. ÇİNBİLGEL 2293. (H).

C. montanum L.
İbradı, Ürünlü village, A.C.N.P., around entrance national park, rocky places, 620 m, 03.v.2003, İ. ÇİNBİLGEL 1624. Euro.-Sib., (H).

Buglossoides arvensis (L.) Johnst.
Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, stony places, 600 m, 22.v.2004, İ. ÇİNBİLGEL 2210. (Th).

Echium italicum L.
İbradı, Ormana village, A.C.N.P., İnönü hill, open macchie, 1120 m, 30.v.2004, İ. ÇİNBİLGEL 2301. (H).

Onosma oreodoxum Boiss.
İbradı, Ürünlü village, A.C.N.P., north of Değirmendere, openings in macchie, 750 m, 12.vi.2002, İ. ÇİNBİLGEL 1190. E. Medit., (H).

O. frutescens Lam.
İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, rock crevices, 658 m, N 37°02'15"-EO31°37'72", 22.ii.2003, İ. ÇİNBİLGEL 1514. E. Medit., (H).

O. bracteosum Hausskn. & Bornm.
İbradı, Ürünlü village, A.C.N.P., north of Değirmendere, stony places, 700 m, N 37°02'92"-E 31°36'74", 10.vi.2003, İ. ÇİNBİLGEL 1945. End., Ir.-Tur., (H).

Cerintho minor L. subsp. **minor**

İbradı, Ormana village, A.C.N.P., south of İnönü hill, on rocks, 910 m, 06.x.2002, İ. ÇİNBİLGEL 1487. Euro.-Sib., (H).

Anchusa undulata L. subsp. **hybrida** (Ten.) Cout.
İbradı, Ürünlü village, A.C.N.P., north of Değirmendere, stony places, 750 m., 12.vi.2002, İ. ÇİNBİLGEL 1224. Medit., (H).

A. azurea Mill. var. **azurea**
Akseki, Ürünlü village, A.C.N.P., around Değirmendere, roadsides, 770 m., 23.vii.2002, İ. ÇİNBİLGEL 1390. (H).

A. barrelieri (All.) Vitman var. **orientalis** Guşul.
İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony places, 702 m, N 37°02'63"-E 31°37'02", 13.iv.2003, İ. ÇİNBİLGEL 1595. (Th).

Alkanna pamphylica Hub.-Mor. & Reese
İbradı, Ormana village, A.C.N.P., İnönü hill, on rocks, 1110 m, 10.v.2006, İ. ÇİNBİLGEL 2624. End., E. Medit., (H).

A. oreodoxa Hub.-Mor.
İbradı, Ürünlü village, A.C.N.P., Arıkaya, rock crevices, 620 m, N 37°02'01"-E 31°37'98", 18.i.2003, İ. ÇİNBİLGEL 1506. End., E. Medit., (H).

SOLANACEAE

Solanum nigrum L. subsp. **nigrum**
İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony slopes, 700 m, 23.vii.2002, İ. ÇİNBİLGEL 1383. (Th).

Lycopersicon esculentum Mill.
Akseki, Menteşbey village, A.C.N.P., side of Manavgat river, roadsides, 550 m, 04.vii.2002, İ. ÇİNBİLGEL 1342. (Th).

Mandragora autumnalis Bertol.
İbradı, Ürünlü village, A.C.N.P., around Altınbeşik hill, under of *Juniperus excelsa*, 607 m, N 37°02'03"-E 31°37'88", 22.ii.2003, İ. ÇİNBİLGEL 1517. (H).

Hyoscyamus aureus L.
İbradı, Ürünlü village, A.C.N.P., around Arıkaya, rocky places, 606 m, N 37°02'08"-E 31°38'01", 18.i.2003, İ. ÇİNBİLGEL 1509. E. Medit., (H).

SCROPHULARIACEAE

Verbascum orientale (L.) All.
İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony slopes, 628 m, N 37°02'32"-E 31°37'52", 03.v.2003, İ. ÇİNBİLGEL 1631. E. Medit., (Th).

V. myriocarpum Boiss. & Heldr.
Akseki, Menteşbey village, A.C.N.P., north of Kale hill, rocky places, 800 m, 25.v.2003, İ. ÇİNBİLGEL 1823. End., E. Medit., (H).

V. glomerulosum Hub.-Mor.
İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, openings in macchie, 650 m, 09.vi.2003, İ. ÇİNBİLGEL 1925. End., E. Medit., (H).

Scrophularia scopoli [Hoppe ex] Pers. var. **scopoli**
İbradı, Ormana village, A.C.N.P., south of İnönü hill, wet-shady rocky slopes, 1050 m, 28.v.2006, İ. ÇİNBİLGEL 2641. (H).

S. lucida L.
İbradı, Ürünlü village, A.C.N.P., entrance Altınbeşik cavern, stony slopes, 400 m, 18.v.2003, İ. ÇİNBİLGEL 1689. Medit., (Ch).

S. canina L. subsp. **bicolor** (Sm.) Greuter
İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1100 m, 30.v.2004, İ. ÇİNBİLGEL 2296. E. Medit., (Ch).

Misopates orontium (L.) Raf.
İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony places, 650 m, 02.vii.2002, İ. ÇİNBİLGEL 1274. (Th).

Chaenorhinum minus (L.) LANGE subsp. **minus**

İbradı, Ürünli village, A.C.N.P., around Değirmendere, openings in macchie, 700 m, 12.vi.2002, İ. ÇİNBİLGEL 1188. (Th).

Linaria chalepensis (L.) Mill. var. **chalepensis**

Akseki, Menteşbey village, A.C.N.P., Kale hill, openings in macchie, 810 m, 25.iv.2004, İ. ÇİNBİLGEL 2148. E. Medit., (Th).

L. simplex (Willd.) DC.

Akseki, Menteşbey village, A.C.N.P., Kale hill, openings in macchie, 810 m, 25.iv.2004, İ. ÇİNBİLGEL 2147. Medit., (Th).

Cymbalaria microcalyx (Boiss.) Wettst.

İbradı, Ürünli village, A.C.N.P., Arıkaya, rock crevices, 610 m, N 37°02'03"-E 31°37'99", 18.i.2003, İ. ÇİNBİLGEL 1508. E. Medit., (H).

Kickxia elatine (L.) Dumort. subsp. **critina** (Mabille) Greuter

İbradı, Ürünli village, A.C.N.P., around Değirmendere, wet places, 650 m, 13.vi.2004, İ. ÇİNBİLGEL 2426. Medit., (Th).

Digitalis cariensis Boiss. ex Jaub. & Spach.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, rocky slopes, 800 m, 25.v.2003, İ. ÇİNBİLGEL 1826. End., E. Medit., (H).

Veronica pusilla Kotschy var. **pusilla**

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, wet-stony places, 630 m, N 37°02'06"-E 31°37'81", 22.ii.2003, İ. ÇİNBİLGEL 1528. Ir.-Tur., (Th).

V. cymbalaria Bodard

İbradı, Ürünli village, A.C.N.P., old pathway of Altınbeşik cavern, rocky slopes, 580 m, N 37°02'10"-E 31°38'04", 18.i.2003, İ. ÇİNBİLGEL 1510. Medit., (Th).

V. trichadena Jord. & Fourr.

İbradı, Ormana village, A.C.N.P., east of İnönü hill, stony places, 1100 m, N 37°04'34"-E 31°36'06", 30.v.2004, İ. ÇİNBİLGEL 2302. Medit., (Th).

V. hederifolia L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, stony places, 700 m, N 37°03'42"-E 31°36'04", 13.iv.2003, İ. ÇİNBİLGEL 1608. (Th).

V. anagallis-aquatica L.

İbradı, Ürünli village, A.C.N.P., Değirmendere, rill sides, 700 m, N 37°02'90"-E 31°36'76", 10.vi.2003, İ. ÇİNBİLGEL 1947. (H).

V. multifida L.

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1120 m, N 37°04'32"-E 31°35'94", 30.v.2004, İ. ÇİNBİLGEL 2348. End., Ir.-Tur., (H).

Parentucellia latifolia (L.) Caruel subsp. **latifolia**

İbradı, Ürünli Vvillage, A.C.N.P., north of Değirmendere, wet meadows, 769 m, N 37°03'15"-E 31°36'36", 13.iv.2003, İ. ÇİNBİLGEL 1605. Medit., (Th).

OROBANCHACEAE

Orobanche nana Noë ex Beck

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), wet places, 801 m, N 37°02'64"-E 31°37'24", 04.v.2003, İ. ÇİNBİLGEL 1661. (Vp).

O. purpurea Jacq.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, openings in macchie, 950 m, N 37°04'31"-E 31°36'08", 30.v.2004, İ. ÇİNBİLGEL 2318. (Vp).

O. cernua Loefl.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, macchie, 900 m, N 37°04'04"-E 31°36'43", 28.v.2006, İ. ÇİNBİLGEL 2642. (Vp).

ACANTHACEAE

Acanthus spinosus L.

İbradı, Ormana village, A.C.N.P., around Değirmendere, stony places, 750 m, 17.vii.2003, İ. ÇİNBİLGEL 2014. E. Medit., (H).

VERBENACEAE

Verbena officinalis L.

Akseki, Menteşbey village, A.C.N.P., pathway Kale hill-Manavgat river, roadsides, 550 m, 04.vii.2002, İ. ÇİNBİLGEL 1316. (H).

Vitex agnus-castus L.

İbradı, Ürünli village, A.C.N.P., Değirmendere, stream bank, 700 m, 12.vi.2002, İ. ÇİNBİLGEL 1169. Medit., (Ph).

LAMIACEAE

Ajuga chamaepitys (L.) Schreb. subsp. **chia** var. **chia**

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, stony places, 600 m, 04.vii.2002, İ. ÇİNBİLGEL 1329. (Th).

A. chamaepitys (L.) Schreb. subsp. **mesogitana**

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), rock crevices, 750 m, 13.vi.2002, İ. ÇİNBİLGEL 1154. E. Medit. (mt.), (H).

A. chamaepitys (L.) Schreb. subsp. **cuneatifolia** (Stapf) P.H. Davis

İbradı, Ormana village, A.C.N.P., around Değirmendere, rocky slopes, 910 m, 06.x.2002, İ. ÇİNBİLGEL 1483. (H).

Teucrium scordium L. subsp. **scordioides** (Schreb.) Maire & Petitm.

İbradı, Ormana village, A.C.N.P., around Değirmendere, wet places, 850 m, 17.vii.2003, İ. ÇİNBİLGEL 2010. Euro.-Sib., (H).

T. chamaedrys L. subsp. **chamaedrys**

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 810 m, 13.vi.2002, İ. ÇİNBİLGEL 1107. Euro.-Sib., (Ch).

T. polium L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 700 m, 13.vi.2002, İ. ÇİNBİLGEL 1205. (Ch).

T. lamiifolium d'Urv. subsp. **lamiifolium**

İbradı, Ürünli village, A.C.N.P., upper sides (peak) of Altınbeşik cavern, macchie, 950 m, N 37°02'48"-E 31°37'81", 19.vi.2003, İ. ÇİNBİLGEL 1957. (H).

Scutellaria rubicunda Hornem. subsp. **brevibracteata** (Stapf) J.R.Edm.

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, rocky slopes, 950 m, 16.vii.2004, İ. ÇİNBİLGEL 2487. End., E. Medit., (H).

S. salviifolia Benth.

Akseki, Menteşbey village, A.C.N.P., around Kale hill, stony slopes, 800 m, 25.v.2003, İ. ÇİNBİLGEL 1838. End., (H).

S. orientalis L. subsp. **alpina** (Boiss.) O.Schwarz var. **glandulosissima** O.Schwarz

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1110 m, 30.v.2004, İ. ÇİNBİLGEL 2292. End., (Ch).

Phlomis grandiflora H.S.Thomps. var. **grandiflora**

İbradı, Ürünli village, A.C.N.P., around entrance national park, rocky places, 620 m, 18.v.2003, İ. ÇİNBİLGEL 1713 (a). End., E. Medit., (Ph).

P. viscosa Poir.

İbradı, Ürünli village, A.C.N.P., around entrance national park, rocky places, 620 m, 18.v.2003, İ. ÇİNBİLGEL 1713. E. Medit., (Ph).

P. leucophracta P.H.Davis & Hub.-Mor.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 650 m, 22.v.2004, İ. ÇİNBİLGEL 2182. End., E. Medit., (Ph).

Lamium garganicum L. subsp. **nepetifolium** (Boiss.) R.Mill

İbradı, Ormana village, A.C.N.P., around İnönü hill, stony places, 1000 m, N 37°04'35"-E 31°36'04", 30.v.2004, İ. ÇİNBİLGEL 2304. End., E. Medit., (H).

L. amplexicaule L.

İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, stony places, 628 m, N 37°02'16"-E 31°37'70", 22.ii.2003, İ. ÇİNBİLGEL 1527. Euro.-Sib., (Th).

Ballota latibracteolata P.H.Davis & Doroszenko

Akseki, Menteşbey village, A.C.N.P., south sides of Kale hill, macchie, 762 m, N 37°01'53"-E 31°38'74", 16.vii.2004, İ. ÇİNBİLGEL 2452. End., E. Medit., (H).

Marrubium vulgare L.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, roadsides, 610 m, 09.xi.2003, İ. ÇİNBİLGEL 2032. (H).

Sideritis arguta Boiss. & Heldr.

İbradı, Ormana village, A.C.N.P., around Değirmendere, openings in macchie, 750 m, N 37°03'47"-E 31°35'96", 17.vii.2003, İ. ÇİNBİLGEL 2013. End., E. Medit., (H).

S. perfoliata L.

İbradı, Ürünlü village, A.C.N.P., old pathway of Altınbeşik cavern, openings in macchie, 610 m, 12.vi.2002, İ. ÇİNBİLGEL 1012. E. Medit., (H).

Stachys cretica L. subsp. **vacillans** Rech.f.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, openings in macchie, 610 m, 18.v.2003, İ. ÇİNBİLGEL 1715. E. Medit., (H).

S. byzantina K.Koch ex Scheele

Akseki, Menteşbey village, A.C.N.P., around Kale hill, openings in macchie, 750 m, 16.vii.2004, İ. ÇİNBİLGEL 2494. Euro.-Sib., (H).

S. woronowii (Schischk. ex Grossh.) R.Mill

İbradı, Ormana village, A.C.N.P., around Değirmendere, openings in macchie, 732 m, N 37°02'65"-E 31°37'11", 04.v.2003, İ. ÇİNBİLGEL 1663. Ir.-Tur., (Th).

Melissa officinalis L. subsp. **altissima**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, near rills, 700 m, 23.vii.2002, İ. ÇİNBİLGEL 1385. E. Medit., (H).

Nepeta italica L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 650 m, 02.vii.2002, İ. ÇİNBİLGEL 1269. (Ch).

(Ch).

Origanum saccatum P.H.Davis

Akseki, Menteşbey village, A.C.N.P., around Kale hill, stony slopes, 750 m, 16.vii.2004, İ. ÇİNBİLGEL 2447. End., E. Medit., (H).

O. majorana L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 650 m, 24.vii.2002, İ. ÇİNBİLGEL 1420. E. Medit., (Ch).

(Ch).

Satureja cuneifolia Ten.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, rock crevices, 650 m, 23.vii.2002, İ. ÇİNBİLGEL 1397. Medit., (Ch).

Clinopodium vulgare L. subsp. **vulgare**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, macchie, 650 m, 02.vii.2002, İ. ÇİNBİLGEL 1275. (H).

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

İbradı, Ürünlü Village, A.C.N.P., around Değirmendere (hillsides), macchie, 750 m, 13.vi.2002, İ. ÇİNBİLGEL 1104. (H).

Acinos rotundifolius Pers.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 722 m, N 37°02'79"-E 31°36'88", 04.v.2003, İ. ÇİNBİLGEL 1656. (Th).

Micromeria myrtifolia Boiss. & Hohen

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 650 m, 24.v.2003, İ. ÇİNBİLGEL 1779. E. Medit., (Ch).

M. graeca (L.) Benth. ex Rechb. subsp. **graeca**

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, stony places, 700 m, 13.vi.2002, İ. ÇİNBİLGEL 1204. Medit., (Ch).

***M. cremnophila** Boiss. & Heldr. subsp. **amana** (Rech.f.) P.H.Davis

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), on rocks, 800 m, 12.vi.2004, İ. ÇİNBİLGEL 2388. End., E. Medit., (Ch).

(Ch).

Thymbra spicata L. var. **spicata**

İbradı, Ürünlü village, A.C.N.P., north of Değirmendere, open macchie, 700 m, 24.vii.2002, İ. ÇİNBİLGEL 1419. E. Medit., (Ch).

Mentha x piperita L.

İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, riverside, 450 m, 20.vi.2003, İ. ÇİNBİLGEL 1970. (H).

M. longifolia (L.) Huds. subsp. **typhoides** (Briq.) Harley var. **typhoides**

İbradı, Ürünlü village, A.C.N.P., Değirmendere, rill sides, 700 m, N 37°02'90"-E 31°36'76", 17.vii.2003, İ. ÇİNBİLGEL 2001. (H).

Ziziphora capitata L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, roadsides, 500 m, 22.v.2004, İ. ÇİNBİLGEL 2207. Ir.-Tur., (Th).

Salvia tomentosa Mill.

İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, openings in macchie, 650 m, N 37°02'02"-E 31°37'84", 09.vi.2003, İ. ÇİNBİLGEL 1934. Medit., (Ch).

S. viridis L.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, open macchie, 620 m, N 37°02'32"-E 31°37'43", 03.v.2003, İ. ÇİNBİLGEL 1640. Medit., (Th).

S. sclarea L.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, roadsides, 620 m, 13.vi.2002, İ. ÇİNBİLGEL 1192. (H).

S. virgata Jacq.

Akseki, Menteşbey village, A.C.N.P., Kale hill, stony places, 800 m, 03.vii.2002, İ. ÇİNBİLGEL 1300. Ir.-Tur., (H).

S. verbenaca L.

İbradı, Ürünlü village, A.C.N.P., north of Değirmendere, open macchie, 765 m, N 37°03'03"-E 31°36'67", 13.iv.2003, İ. ÇİNBİLGEL 1601. Medit., (H).

PLUMBAGINACEAE

Plumbago europaea L.

İbradı, Ürünlü village, A.C.N.P., upper sides of Altınbeşik cavern, rocky places, 950 m, N 37°02'48"-E 31°37'81", 19.vi.2003, İ. ÇİNBİLGEL 1956. Euro.-Sib., (H).

PLANTAGINACEAE

Plantago lanceolata L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, stony places, 700 m, N 37°02'90"-E 31°36'76", 10.vi.2003, İ. ÇİNBİLGEL 1950. (H).

P. lagopus L.

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 630 m, N 37°02'31"-E 31°37'43", 13.iv.2003, İ. ÇİNBİLGEL 1610. *Medit.*, (H).

P. afra L.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, stony places, 450 m, 18.v.2003, İ. ÇİNBİLGEL 1701. (Th).

THYMELACEAE

Daphne sericea Vahl

İbradı, Ürünli village, A.C.N.P., between Altınbeşik hill and Manavgat river, macchie, 542 m, N 37°01'79"-E 31°37'90", 22.ii.2003, İ. ÇİNBİLGEL 1520. *E. Medit.*, (Ph).

D. gnidioides Jaub. & Spach

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, macchie, 500 m, 04.x.2002, İ. ÇİNBİLGEL 1459. *E. Medit.*, (Ph).

LAURACEAE

Laurus nobilis L.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, rill sides, 400 m, 13.vi.2002, İ. ÇİNBİLGEL 1092. *Medit.*, (Ph).

SANTALACEAE

Thesium billardieri Boiss.

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, stony places, 950 m, 16.vii.2004, İ. ÇİNBİLGEL 2485. *Ir.-Tur.*, (H).

Osyris alba L.

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, openings in macchie, 650 m, 18.v.2003, İ. ÇİNBİLGEL 1709. *Medit.*, (Ch).

RAFFLESIAEAE

Cytinus hypocistis L. subsp. **kermesinus** (Guss.) Wettst.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, under *Quercus coccifera*, 741 m, N 37°02'98"-E 31°36'70", 04.v.2003, İ. ÇİNBİLGEL 1652. *Medit.*, (Vp).

ARISTOLOCHIAEAE

Aristolochia lycica P.H.Davis & M.S.Khan

İbradı, Ürünli village, A.C.N.P., around Değirmendere, open macchie, 772 m, N 37°03'07"-E 31°36'63", 13.iv.2003, İ. ÇİNBİLGEL 1602. *End.*, *E. Medit.*, (H).

A. paecilantha Boiss.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, meadows, 900 m, N 37°04'18"-E 31°36'32", 30.v.2003, İ. ÇİNBİLGEL 2308. *E. Medit.*, (H).

EUPHORBIACEAE

Andrachne telephioides L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, stony places, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1363. (H).

Chrozophora tinctoria (L.) Raf.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 630 m, 04.x.2002, İ. ÇİNBİLGEL 1451. (Th).

Mercurialis annua L.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 620 m, 22.ii.2003, İ. ÇİNBİLGEL 1526. (Th).

Euphorbia cardiophylla Boiss. & Heldr.

İbradı, Ormana village, A.C.N.P., İnönü hill, rocky places, 1150 m, 01.v.2006, İ. ÇİNBİLGEL 2605. *End.*, (H).

E. helioscopia L.

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 630 m, N 37°02'35"-E 31°37'42", 12.iv.2003, İ. ÇİNBİLGEL 1569. (Th).

E. arvalis Boiss. & Heldr.

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 629 m, N 37°02'32"-E 31°37'49", 12.iv.2003, İ. ÇİNBİLGEL 1571. *Ir.-Tur.*, (Th).

E. peplus L. var. **peplus**

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, rocky places, 458 m, N 37°02'20"-E 31°37'99", 22.ii.2003, İ. ÇİNBİLGEL 1535. (Th).

E. peplus L. var. **minima**

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, stony places, 650 m, 12.iv.2003, İ. ÇİNBİLGEL 1591. (Th).

E. taurinensis All.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, roadsides, 600 m, 24.v.2003, İ. ÇİNBİLGEL 1777. (Th).

E. falcata L. subsp. **falcata** var. **falcata**

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 630 m, N 37°02'31"-E 31°37'43", 12.iv.2003, İ. ÇİNBİLGEL 1565. (Th).

E. kotschyana Fenzl

İbradı, Ormana village, A.C.N.P., south of İnönü hill, open macchie, 1000 m, 30.v.2004, İ. ÇİNBİLGEL 2327. *E. Medit.* (mt.), (Ch).

URTICACEAE

Urtica urens L.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, wet-shady places, 1050 m, 28.v.2006, İ. ÇİNBİLGEL 2645. (Th).

MORACEAE

Ficus carica L. subsp. **carica**

İbradı, Ürünli village, A.C.N.P., entrance Altınbeşik cavern, rill sides, 400 m, 18.v.2003, İ. ÇİNBİLGEL 1691. (Ph).

JUGLANDACEAE

Juglans regia L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, open macchie, 750 m, 10.vi.2003, İ. ÇİNBİLGEL 1944. (Ph).

PLATANACEAE

Platanus orientalis L.

İbradı, Ürünli village, A.C.N.P., sides of Manavgat river, riversides, 450 m, 12.vi.2002, İ. ÇİNBİLGEL 1070. (Ph).

FAGACEAE

Quercus infectoria Olivier subsp. **boissieri** (Reut.) O.Schwarz

İbradı, Ürünli village, A.C.N.P., pathway of Manavgat river, macchie, 550 m, 04.vii.2002, İ. ÇİNBİLGEL 1370. (Ph).

Q. cerris L. var. **cerris**

İbradı, Ormana village, A.C.N.P., southwest of İnönü hill, macchie, 900 m, N 37°04'04"-E 31°36'44", 28.v.2006, İ. ÇİNBİLGEL 2638. *Medit.*, (Ph).

Q. trojana Webb

İbradı, Ormana village, A.C.N.P., southeast of İnönü hill, macchie, 950 m, 26.v.2003, İ. ÇİNBİLGEL 1875. *E. Medit.*, (Ph).

Q. coccifera L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1341. *Medit.*, (Ph).

CORYLACEAE

Ostrya carpinifolia Scop.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 550 m, 04.vii.2002, İ. ÇİNBİLGEL 1372. *Medit.*, (Ph).

SALICACEAE

Populus nigra L. subsp. *caudina* (Ten.) Bugala

İbradı, Ormana village, A.C.N.P., north of Değirmendere, near rills, 750 m, 17.vii.2003, İ. ÇİNBİLGEL 2020. (Ph).

LILIOPSIDA

ARACEAE

Arum dioscoridis Sm. var. *luschanii* R.R.Mill

İbradı, Ürünlü village, A.C.N.P., around entrance national park, rocky places, 640 m, 19.v.2003, İ. ÇİNBİLGEL 1737. *End.*, *E. Medit.*, (G).

Biarum pyrami (Schott) Engl.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony places, 700 m, 06.x.2002, İ. ÇİNBİLGEL 1484. (G).

Arisarum vulgare Targ.Tozz. subsp. *vulgare*

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), on shady rocks, 715 m, N 37°02'28"-E 31°37'43", 18.i.2003, İ. ÇİNBİLGEL 1502. *Medit.*, (G).

Drancunculus vulgaris Schott

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, open macchie, 585 m, 09.iv.2004, İ. ÇİNBİLGEL 2078. *E. Medit.*, (G).

LILIACEAE

Smilax excelsa L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 550 m, 04.vii.2002, İ. ÇİNBİLGEL 1343. *Eux.*, (Ph).

S. aspera L.

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik cavern, stony slopes, 400 m, 04.x.2002, İ. ÇİNBİLGEL 1458. (Ph).

Ruscus aculeatus L. var. *angustifolius* Boiss.

İbradı, Ürünlü village, A.C.N.P., old pathway of Altınbeşik cavern, macchie, 550 m, 12.vi.2002, İ. ÇİNBİLGEL 1054. (Ch).

Asparagus acutifolius L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 500 m, 04.vii.2002, İ. ÇİNBİLGEL 1361. *Medit.*, (Ch).

Asphodeline lutea (L.) Rchb.

İbradı, Ürünlü village, A.C.N.P., around Arıkaya, limestone cliffs, 620 m, 10.iv.2004, İ. ÇİNBİLGEL 2118. *Medit.*, (H).

Allium flavum L. subsp. *tauricum* (Besser ex Rchb.) Stearn var. *tauricum*

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, screes, 600 m, 04.vii.2002, İ. ÇİNBİLGEL 1292. *Medit.*, (G).

A. myrianthum Boiss.

İbradı, Ürünlü village, A.C.N.P., sides of Manavgat river, stony places, 450 m, 12.vi.2002, İ. ÇİNBİLGEL 1032. *Ir-Tur.*, (G).

A. ampeloprasum L.

İbradı, Ürünlü village, A.C.N.P., around Arıkaya, limestone cliffs, 610 m, 09.xi.2003, İ. ÇİNBİLGEL 2036. *Medit.*, (G).

A. scorodoprasum L. *rotundum* (L.) Stearn

İbradı, Ürünlü village, A.C.N.P., around Altınbeşik hill, stony places, 588 m, N 37°01'98"-E 31°37'72", 09.vi.2003, İ. ÇİNBİLGEL 1929. *Medit.*, (G).

A. sphaerocephalon L. subsp. *sphaerocephalon*

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, screes, 900 m, 16.vii.2004, İ. ÇİNBİLGEL 2484. *Euro.-Sib.*, (G).

A. junceum Sm. subsp. *tridentatum* Kollmann

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), stony places, 650 m, 02.vii.2002, İ. ÇİNBİLGEL 1253. *End.*, *E. Medit.*, (G).

Scilla autumnalis L.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony places, 625 m, 04.x.2002, İ. ÇİNBİLGEL 1449. *Medit.*, (G).

Ornithogalum pyrenaicum L.

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1120 m, 28.v.2006, İ. ÇİNBİLGEL 2664. (G).

O. narbonense L.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere (hillsides), rocky places, 620 m, 03.v.2003, İ. ÇİNBİLGEL 1616. *E. Medit.*, (G).

O. armeniacum Baker

İbradı, Ürünlü village, A.C.N.P., Altınbeşik hill, openings in macchie, 609 m, N 37°01'95"-E 31°37'92", 12.iv.2003, İ. ÇİNBİLGEL 1578. *E. Medit.*, (G).

Muscari comosum (L.) Mill.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, stony places, 638 m, N 37°02'35"-E 31°37'44", 03.v.2003, İ. ÇİNBİLGEL 1634. *Medit.*, (G).

M. weisii Freyn

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1120 m, 10.v.2006, İ. ÇİNBİLGEL 2623. *E. Medit.*, (G).

M. tenuiflorum Tausch

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1120 m, 28.v.2006, İ. ÇİNBİLGEL 2644. (G).

M. armeniacum Leichtlin ex Baker

İbradı, Ormana village, A.C.N.P., around Değirmendere, wet-stony places, 769 m, N 37°03'15"-E 31°36'36", 13.iv.2003, İ. ÇİNBİLGEL 1604. (G).

M. neglectum Guss.

İbradı, Ürünlü village, A.C.N.P., around entrance national park, wet places, 630 m, N 37°02'35"-E 31°37'42", 12.iv.2003, İ. ÇİNBİLGEL 1568. (G).

Hyacinthella heldreichii (Boiss.) Chouard

İbradı, Ormana village, A.C.N.P., around Değirmendere, stony places, 750 m, N 37°03'06"-E 31°36'56", 22.ii.2003, İ. ÇİNBİLGEL 1543. *End.*, *E. Medit.*, (G).

Fritillaria pinardii Boiss.

İbradı, Ormana village, A.C.N.P., İnönü hill, openings in macchie, 1120 m, N 37°04'37"-E 31°35'88", 30.v.2004, İ. ÇİNBİLGEL 2287. *Ir-Tur.*, (G).

F. elwesii Boiss.

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 754 m, N 37°02'74"-E 31°36'93", 13.iv.2003, İ. ÇİNBİLGEL 1606. *End.*, *E. Medit.*, (G).

Gagea peduncularis (J. & C. Presl) Pascher

İbradı, Ürünlü village, A.C.N.P., around Değirmendere, openings in macchie, 750 m, 17.iii.2004, İ. ÇİNBİLGEL 2076. *Medit.*, (G).

G. juliae Pascher

İbradı, Ürünlü village, A.C.N.P., around Arıkaya, stony places, 650 m, 16.iii.2004, İ. ÇİNBİLGEL 2053. *E. Medit.*, (G).

Colchicum minutum K.M.Perss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, openings in macchie, 661 m, N 37°02'48"-E 31°37'24", 22.ii.2003, İ. ÇİNBİLGEL 1523. End., E. Medit., (G).

C. variegatum L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), stony places, 625 m, 04.x.2002, İ. ÇİNBİLGEL 1448. E. Medit., (G).

IRIDACEAE

Gynandris sisyrinchium (L.) Parl.

İbradı, Ürünli village, A.C.N.P., around entrance national park, openings in macchie, 638 m, N 37°02'34"-E 31°37'41", 03.v.2003, İ. ÇİNBİLGEL 1620. (G).

Crocus biflorus Mill. subsp. **isauricus**

İbradı, Ürünli village, A.C.N.P., around Değirmendere, openings in macchie, 724 m, N 37°02'77"-E 31°36'89", 19.i.2003, İ. ÇİNBİLGEL 1512. End., E. Medit., (G).

C. asumaniae B.Mathew

İbradı, Ürünli village, A.C.N.P., Altınbeşik hill, openings in macchie, 650 m, 09.xi.2003, İ. ÇİNBİLGEL 2042. End., E. Medit., (G).

C. cancellatus Herb. subsp. **pamphylicus** B.Mathew

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 600 m, N 37°02'24"-E 31°37'60", 09.xi.2003, İ. ÇİNBİLGEL 2044. End., E. Medit., (G).

Gladiolus italicus Mill.

İbradı, Düzlen district, A.C.N.P., around Çuvallı hill, stony places, 1000 m, 23.v.2004, İ. ÇİNBİLGEL 2248. (G).

G. illyricus W. Koch

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, openings in macchie, 800 m, N 37°02'05"-E 31°38'61", 25.iv.2004, İ. ÇİNBİLGEL 2177. Medit., (G).

ORCHIDACEAE

Cephalanthera kurdica Bornm. ex Kraenzl.

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, under *Pinus brutia* forest, 850 m, 25.v.2003, İ. ÇİNBİLGEL 1915. Ir.-Tur., (G).

Ophrys heterochila (Renz & Taubenheim) P.Delforge

İbradı, Ürünli village, A.C.N.P., around Altınbeşik hill, under *Juniperus excelsa* forest, 644 m, N 37°02'29"-E 31°37'41", 12.iv.2003, İ. ÇİNBİLGEL 1557. End., E. Medit.,(G).

Orchis anatolica Boiss.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, openings in macchie, 450 m, N 37°02'05"-E 31°38'10", 22.ii.2003, İ. ÇİNBİLGEL 1537. E. Medit., (G).

DIOSCOREACEAE

Tamus communis L. subsp. **communis**

İbradı, Ürünli village, A.C.N.P., sides of Manavgat river, macchie, 400 m, N 37°02'14"-E 31°38'27", 20.vi.2003, İ. ÇİNBİLGEL 1978. (G).

JUNCACEAE

Juncus articulatus L.

İbradı, Ormana village, A.C.N.P., north of Değirmendere, rill sides, 750 m, 17.vii.2003, İ. ÇİNBİLGEL 2005 (a). Euro.-Sib., (H).

CYPERACEAE

Cyperus longus L.

İbradı, Ormana village, A.C.N.P., north of Değirmendere, rill sides, 750 m, 17.vii.2003, İ. ÇİNBİLGEL 2005. (H).

Carex distans L.

Akseki, Menteşbey village, A.C.N.P., sides of Manavgat river, waste ground, 850 m, 22.v.2004, İ. ÇİNBİLGEL 2239. Euro.-Sib., (H).

POACEAE

Brachypodium sylvaticum (Huds.) P.Beauv.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1378. Euro.-Sib., (H).

Trachynia distachya (L.) Link

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, macchie, 750 m, 04.vii.2002, İ. ÇİNBİLGEL 1337. Medit., (Th).

Elymus panormitanus (Parl.) Tzvelev

İbradı, Ürünli village, A.C.N.P., sides of Manavgat river, stony places, 450 m, 20.vi.2003, İ. ÇİNBİLGEL 1989. Medit., (H).

E. tauri (Boiss. & Balansa) Melderis subsp. **tauri**

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), *Juniperus excelsa* forest, 820 m, 13.vi.2002, İ. ÇİNBİLGEL 1183. Ir.-Tur., (H).

E. repens (L.) Gould subsp. **repens**

İbradı, Ürünli village, A.C.N.P., around Değirmendere, openings in macchie, 700 m, 13.vi.2002, İ. ÇİNBİLGEL 1184. (H).

Aegilops markgrafii (Greuter) Hammer

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), *J. excelsa* forest, 700 m, 13.vi.2002, İ. ÇİNBİLGEL 1152. E. Medit., (Th).

Ae. biuncialis Vis.

İbradı, Ürünli village, A.C.N.P., around Altınbeşik cavern, openings in macchie, 640 m, 13.vi.2002, İ. ÇİNBİLGEL 1196. (Th).

Hordeum murinum L. subsp. **murinum**

İbradı, Ürünli village, A.C.N.P., around entrance national park (cave), rocky places, 620 m, 03.v.2003, İ. ÇİNBİLGEL 1626. (Th).

H. bulbosum L.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, open macchie, 579 m, N 37°02'60"-E 31°37'03", 19.v.2003, İ. ÇİNBİLGEL 1729. (H).

Bromus intermedius Guss.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), rocky slopes, 750 m, 02.vii.2002, İ. ÇİNBİLGEL 1266. (Th).

B. japonicus Thunb. subsp. **japonicus**

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 450 m, 04.vii.2002, İ. ÇİNBİLGEL 1377. (Th).

B. tectorum L.

İbradı, Ürünli village, A.C.N.P., around entrance national park, open macchie, 638 m, N 37°02'35"-E 31°37'44", 03.v.2003, İ. ÇİNBİLGEL 1645. (Th).

B. sterilis L.

İbradı, Ürünli village, A.C.N.P., around entrance national park, rocky places, 650 m, 18.v.2003, İ. ÇİNBİLGEL 1688. (Th).

B. madritensis L.

İbradı, Ormana village, A.C.N.P., south of İnönü hill, macchie, 950 m, 30.v.2004, İ. ÇİNBİLGEL 2351. (Th).

B. rubens L.

İbradı, Ürünli village, A.C.N.P., south sides of Altınbeşik hill, under *P. brutia* forest, 609 m, N 37°01'95"-E 31°37'92", 03.v.2003, İ. ÇİNBİLGEL 1645. (Th).

Avena barbata Pott ex Link subsp. **barbata**

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 630 m, 18.v.2003, İ. ÇİNBİLGEL 1719. *Medit.*, (Th).

A. sterilis L. subsp. *sterilis*

İbradı, Ürünli village, A.C.N.P., around entrance national park, roadsides, 620 m, 13.vi.2002, İ. ÇİNBİLGEL 1130. (Th).

Arrhenatherum elatius (L.) P.Beauv. ex J.&C. Presl. subsp. *elatius*

İbradı, Ormana village, A.C.N.P., İnönü hill, macchie, 1000 m, 30.v.2004, İ. ÇİNBİLGEL 2309. *Euro.-Sib.*, (H).

Apera intermedia Hack. apud Zederb.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), macchie, 700 m, 12.vi.2002, İ. ÇİNBİLGEL 1176. *Ir.-Tur.*, (Th).

Polypogon maritimus Willd. subsp. *maritimus*

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), rocky places, 800 m, 02.vii.2002, İ. ÇİNBİLGEL 1268. *Euro.-Sib.*, (Th).

Lagurus ovatus L.

İbradı, Ürünli village, A.C.N.P., Altunbeşik hill, openings in macchie, 640 m, 09.xi.2003, İ. ÇİNBİLGEL 2041. *Medit.*, (Th).

Phleum subulatum (Savi) Asch. & Graebn. subsp. *subulatum*

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, open macchie, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1347. (Th).

P. montanum K.Koch subsp. *montanum*

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 550 m, 24.v.2003, İ. ÇİNBİLGEL 1806. (H).

Festuca jeanpertii (St.-Yves) F.Markgr. apud Hayek subsp. *jeanpertii*

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, under *P. brutia* forest, 850 m, 16.vii.2004, İ. ÇİNBİLGEL 2461. *E. Medit.*, (H).

Lolium rigidum Gaudin var. *rigidum*

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 727 m, N 37°02'73"-E 31°37'02", 10.vi.2003, İ. ÇİNBİLGEL 1952. (Th).

Catapodium rigidum (L.) C.E. Hubb. ex Dony subsp. *rigidum* var. *rigidum*

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, rocky places, 650 m, 04.vii.2002, İ. ÇİNBİLGEL 1325. (Th).

Poa trivialis L.

Akseki, Menteşbey village, A.C.N.P., pathway of Kale hill-Manavgat river, roadsides, 550 m, 24.v.2003, İ. ÇİNBİLGEL 1808. (H).

P. timoleontis Heldr. ex Boiss.

İbradı, Ürünli village, A.C.N.P., around entrance national park, open macchie, 635 m, N 37°02'34"-E 31°37'43", 10.iv.2004, İ. ÇİNBİLGEL 2089. *E. Medit.*, (H).

P. bulbosa L.

İbradı, Ürünli village, A.C.N.P., around entrance national park, stony places, 630 m, N 37°02'31"-E 31°37'43", 12.iv.2003, İ. ÇİNBİLGEL 1562. (H).

Eromopoa capillaris R. Mill

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 700 m, 13.vi.2002, İ. ÇİNBİLGEL 1213. *E. Medit.*, (Th).

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

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 500 m, 04.vii.2002, İ. ÇİNBİLGEL 1352. (H).

Cynosurus effusus Link

İbradı, Düzlen district, A.C.N.P., around Karasay hills, openings in macchie, 1000 m, 26.v.2003, İ. ÇİNBİLGEL 1852. *Medit.*, (Th).

Briza maxima L.

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, openings in macchie, 600 m, 04.vii.2002, İ. ÇİNBİLGEL 1305. (Th).

B. humilis M.Bieb.

İbradı, Ürünli village, A.C.N.P., around Değirmendere, rocky places, 686 m, N 37°02'59"-E 31°37'13", 04.v.2003, İ. ÇİNBİLGEL 1675. (Th).

Echinaria capitata (L.) Desf.

İbradı, Ormana village, A.C.N.P., İnönü hill, stony places, 1120 m, 28.v.2006, İ. ÇİNBİLGEL 2649. (Th).

Melica ciliata L. subsp. *ciliata*

İbradı, Ürünli village, A.C.N.P., around Altunbeşik hill, stony places, 650 m, 19.vi.2003, İ. ÇİNBİLGEL 1962. (H).

Stipa bromoides (L.) Dörf.

İbradı, Ürünli village, A.C.N.P., sides of Manavgat river, on rocks, 500 m, 20.vi.2003, İ. ÇİNBİLGEL 1966. *Medit.*, (H).

Piptatherum miliaceum (L.) Coss. subsp. *miliaceum*

Akseki, Menteşbey village, A.C.N.P., between Kale hill and Manavgat river, open macchie, 500 m, 22.v.2004, İ. ÇİNBİLGEL 2240. *Medit.*, (H).

P. coeruleascens (Desf.) P.Beauv.

İbradı, Ürünli village, A.C.N.P., around Değirmendere (hillsides), openings in macchie, 732 m, N 37°02'65"-E 31°37'11", 04.v.2003, İ. ÇİNBİLGEL 1670. (H).

P. holciforme (M.Bieb.) Roem. & Schult. subsp. *holciforme* var. *holciforme*

İbradı, Ürünli village, A.C.N.P., between Altunbeşik hill and Manavgat river, macchie, 550 m, 12.vi.2002, İ. ÇİNBİLGEL 1020. (H).

Cynodon dactylon (L.) Pers. var. *villosus* Regel

İbradı, Ürünli village, A.C.N.P., around Değirmendere, open macchie, 700 m, 02.vii.2002, İ. ÇİNBİLGEL 1248. (H).

Pennisetum orientale Rich.

İbradı, Ormana village, A.C.N.P., İnönü hill, openings in macchie, 1000 m, 30.v.2004, İ. ÇİNBİLGEL 2354. *Ir.-Tur.*, (H).

Saccharum strictum (Host) Spreng.

İbradı, Ormana village, A.C.N.P., around Değirmendere, rill sides, 750 m, 17.vii.2003, İ. ÇİNBİLGEL 2009. (H).

Hyparrhenia hirta (L.) Stapf

Akseki, Menteşbey village, A.C.N.P., north of Kale hill, rocky places, 800 m, 16.vii.2004, İ. ÇİNBİLGEL 2462. (H).

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