



# The local names of the plants in Kepsut and Savaştepe (Balıkesir, Turkey)

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## ABSTRACT

Local plant names vary in Anatolia in every settlement. Ethnobotanical studies help to record local names of the used plants that may otherwise be lost to future generations. This study is the part of an ethnobotanical study which was conducted between 2012 and 2015 in order to determine wild plants used in Kepsut and Savaştepe (Balıkesir, Turkey). Kepsut and Savaştepe are the towns of Balıkesir province in the Marmara region of Turkey. As a result of the identification, the 509 local names of the 265 taxa, which are 12 of them are endemic, belonging to 72 families were recorded. According to the literature, among 509 local names, 338 local names were recorded for the first time in Balıkesir.

**Keywords:** Ethnobotany, local name, Savaştepe, Kepsut, Balıkesir, Turkey

## INTRODUCTION

Ethnobotanical researches give information about relationships between public and plants which have important role in humans daily life. There is a rich ethnobotanical research collection in Turkey. Every ethnobotanical study in Turkey contains valuable information that records the cultural heritage, natural richness, traditions and customs of a different area, the life of the people. The value of the work done in the ethnobotanical field has increased more with the migration of rural populations to cities. The local people who have moved away from nature have also begun to forget the use of plants in everyday life. Therefore, listening to the valuable information of the elderly knowledgeable people living in the villages and recording the all information about used plants is also important in terms of protecting the very important values of our country. The local names of the plants are the part of our cultural heritage. The local names of the plants may differ in every settlements according to the various factors such as different uses of the same plants in every settlements and the traditions of the people living in settlements, the language used in the area and the geographic features of the area. This ethnobotanical study was planned to be carried out in villages of Savaştepe and Kepsut districts of Balıkesir (Özdemir Nath 2016). Kepsut and Savaştepe are the towns of Balıkesir province in the Marmara region of Turkey (Figure 1). Kepsut is in the eastern part of Balıkesir. It has an area of 894 km<sup>2</sup>. The population is 24.180. Kepsut has 63 villages. As an individual Turkish ethnic group the Yoruks are distinguished by their language, customs and folkloric particularities and considering the contemporary way of life, their rather closed social community. Due to the different accent in local languages, the names of plants were different in yoruk villages. Karakeçili Yoruk communities live in 17 villages, Yağcıbedir Yoruk communities live in 9 villages. Savaştepe district has an area of 430 km<sup>2</sup>. Its plant diversity is very rich because of its location where meeting point of 2 phytogeographic regions (Mediterranean, Euro-Siberian). The population is 20.201. Savaştepe has 44 villages. Karakeçili Yoruk communities live in 20 villages, Hardal yoruk communities live in 6 villages, Kubaş yoruk communities live in 10 villages, Kılaz yoruk communities live in 2 villages, Yüncü yoruk communities live in 1 village.

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Figure 1. Map of Kepsut and Savaştepe, Balıkesir and Turkey



Figure 2. An interview in Eyüpbükü village (Kepsut)



Figure 3. An interview in Işıklar village (Kepsut)

## MATERIALS AND METHODS

This study was conducted between 2012 and 2015. The research area is a part of Balıkesir. During the field work, 107 villages (44 villages in Savaştepe and 63 villages in Kepsut) were visited in 59 days from May 2012 to October 2015 and 510 people were interviewed. After explaining the purpose of our study, questions were asked about local names of the plants and their usages. The plant samples were collected by the help of the local people (Figure 2, 3) and photographs of the plants were taken with Canon Powershot SX60. The collected specimens were identified by using "Flora of Turkey and the East Aegean Islands" (Davis, 1965–1985; Davis et al. 1988; Güner et al. 2000) and were compared with the specimens deposited at ISTE (Herbarium of Istanbul University, Faculty of Pharmacy). Plant names reviewed according to the literature (Güner et al. 2012, <http://www.theplantlist.org>). The collected plant materials were deposited as herbarium samples at ISTE. Some plant species deposited as a personal collection with the code of E.Ö.

## RESULTS AND DISCUSSION

This study allowed us to collect information about the local names of used plants in Savaştepe and Kepsut (Balıkesir, Turkey) for the first time. As a result of the identification, the 509 local names of the 265 taxa (12 of them are endemic) belonging to 72 families were recorded (Table 1). According to the literature, among 509 local names, 338 local names were recorded for the first time in Balıkesir (Baytop 2007, Tuzlacı 2011). Edremit, Gönen, Bandırma are the towns of Balıkesir province in the Marmara region of Turkey and close to our study area. However, the local names of some plants used in these areas are different. The local names used in Savaştepe and Kepsut for *Dracunculus vulgare* are El kabartan, Gavurotu, Kabarcık, Yılandık, Yılan bıçağı, Yılan burçağı, Yılan kaması, Yılan kavcığı, Yılan pürçeğı, Yılan yastığı, on the other hand the local names of the same plant are Yılan bırcığı, Köpeksiyen in Edremit gulf (Polat and Satıl 2012). The local names used in Savaştepe and Kepsut for *Asphodelus aestivus* are At otu, Kirişlik, Yabani pırasa however the local name of the same plant is Hıdırellez kamçısı in Gönen (Tuzlacı and Aymaz Eryaşar 2001). The local names used in Savaştepe and Kepsut for *Sambucus ebulus* are Kokar otu, Yılan otu on the other hand the local name of the same plant is Sultan otu in Bandırma (Onar 2006). The local name of Sultan otu is used for *Verbena officinalis* in Savaştepe. The local name of Altın otu is used for *Polypodium vulgare* in Edremit but the same name is used for *Ceterach officinarum* in Kepsut and Savaştepe. The local names may change in every settlements. Local plant names do not give us sufficient and safe information about the collection of plants from the nature and consumption for medical or food purposes. If the local people collect and use the medicinal plants or edible plants from the nature only according to the local name, they may use the wrong plants and instead of curing the disease, undesirable results may occur.

**Table 1. List of plants investigated with their local names. The local names which are different from the literature are indicated as underlined and the local names of the plants which are not found in the literature are indicated with bold color.**

<b>Pteridophyta</b>	
<b>Aspleniaceae</b>	<b>Local Name</b>
<i>Ceterach officinarum</i> Willd. (ISTE 109566)	<u>Altınbaş otu</u> , Altın otu, <u>Altın yıldız otu</u> , Kısa mahmut, Kısa mamza, <u>Mahmutçuk otu</u>
<b>Equisetaceae</b>	
<i>Equisetum arvense</i> L. (ISTE 109971, E.Ö.1)	<u>Eklemeli ot</u> , <u>Eklince otu</u> , Kırkkilit, Kilitotu, <u>Mide otu</u>
<i>Equisetum ramosissimum</i> Desf. (ISTE 109972)	<u>Eklemeli otu</u> , <u>Mide otu</u>
<b>Hypolepidaceae</b>	
<i>Pteridium aquilinum</i> (L.) Kuhn (ISTE 109726)	Eğrelti
<b>Spermatophyta-Gymnospermae</b>	
<b>Cupressaceae</b>	
<i>Cupressus sempervirens</i> L. (E.Ö.2)	Selvi, Servi
<i>Juniperus oxycedrus</i> L. (ISTE 109615)	Ardıç
<b>Pinaceae</b>	
<i>Pinus brutia</i> Ten. (ISTE 109873)	Çam
<b>Spermatophyta-Angiospermae</b>	
<b>Adoxaceae</b>	
<i>Sambucus ebulus</i> L. (ISTE 109531)	Kokar otu, <u>Yılan otu</u>
<i>Sambucus nigra</i> L. (ISTE 109530)	Mürver
<i>Viburnum opulus</i> L. (ISTE 109529)	<b>Kartopu</b>
<b>Amaranthaceae</b>	
<i>Amaranthus retroflexus</i> L. (ISTE 109534, 109533)	Sirken
<i>Beta vulgaris</i> L. (E.Ö.3)	Pancar
<i>Chenopodium murale</i> L. (ISTE 109535)	<u>Deli Kazayağı</u> , <u>Ekşiğüney</u> , <u>Gırya tosbası</u> , <u>Kazayağı</u> , <u>Tavuk otu</u> , <u>Sirken</u>
<b>Amaryllidaceae</b>	
<i>Allium paniculatum</i> L. (ISTE 109756, 109758)	Yoğurtçuk otu
<b>Anacardiaceae</b>	
<i>Pistacia terebinthus</i> L. (ISTE 10536, 109537)	<u>Çertlemik</u> , <u>Çetek</u> , <u>Çetlemik</u> , <u>Çetmik</u> , <u>Çitlembik</u> , <u>Menengiç</u> , <u>Şimşir</u>
<i>Rhus coriaria</i> L. (ISTE 109538, 109540, 109539)	Somak, Somak otu, Sumak
<b>Apiaceae</b>	
<i>Anethum graveolens</i> L. (ISTE 109551)	<u>Arapşaçı</u> , <u>Çarşır</u> , <u>Kırca</u> , Tere
<i>Anthriscus nemorosa</i> (M.Bieb.) Spreng. (ISTE 109543)	<u>Kazayağı</u>
<i>Apium nodiflorum</i> (L.) Lag. (ISTE 109544)	<u>Gereviz</u> , <u>Kereviz</u>
<i>Conium maculatum</i> L. (ISTE 109547, 109548)	Baldıran
<i>Ferulago aucheri</i> Boiss. (ISTE 109546) <b>Endemic</b>	<b>Çağsır otu</b> , <b>Çarşır otu</b>
<i>Ferulago macrosciadia</i> Boiss. & Balansa (ISTE 109541) <b>Endemic</b>	<u>Mide otu</u>
<i>Foeniculum vulgare</i> Mill. (E.Ö.6)	Arap saçı, Rezene
<i>Heptaptera triquetra</i> (Vent.) Tutin (ISTE 109549)	<b>Öksürük otu</b>
<i>Hippomarathrum cristatum</i> (DC.) Boiss. (ISTE 109553)	Tarhana otu
<i>Laser trilobum</i> (L.) Borkh. (ISTE 109552)	Yabani kimyon

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<i>Oenanthe pimpinelloides</i> L. (E.Ö.7, ISTE 109542)	Kazayağı
<i>Petroselinum crispum</i> (Mill.) Fuss (E.Ö.8)	Maydanoz
<i>Smynrium rotundifolium</i> Mill. (ISTE 109545)	<u>Maydanoz</u>
<b>Araceae</b>	
<i>Arum elongatum</i> Steven (E.Ö.10)	<u>El kabartan</u> , <u>Gavurotu</u> , <u>Kabarcık</u> , <u>Kabarağı</u> , <u>Yılancık</u> , Yılan bıçağı, Yılan burçağı, Yılan dili, Yılan kaması, Yılan kavcığı, Yılan pürçeğı, Yılan yastığı
<i>Dracunculus vulgaris</i> Schott (ISTE 109558)	<u>El kabartan</u> , <u>Gavurotu</u> , <u>Kabarcık</u> , <u>Yılancık</u> , Yılan bıçağı, Yılan burçağı, Yılan kaması, Yılan kavcığı, <u>Yılan pürçeğı</u> , Yılan yastığı
<b>Aristolochiaceae</b>	
<i>Aristolochia sempervirens</i> L. (ISTE 109561)	<b>Mayasıl otu</b>
<b>Asparagaceae</b>	
<i>Polygonatum orientale</i> Desf. (ISTE 109565)	<u>Afrodizyak otu</u> , <u>Süleyman otu</u> , <u>Tahir otu</u>
<i>Ruscus aculeatus</i> L. (ISTE 109562)	<u>Değirmen boncuğu</u> , <u>Deve çöküren</u> , <u>Deve tomurcuğu</u> , <u>Kalp otu</u> , <u>Köpek üzümü</u> , <u>Mercan</u> , <u>Sidikkese otu</u> , <u>Tavşan bubusu</u> , <u>Tavşan memesi</u> , <u>Tavşan otu</u> , <u>Tavşan topu</u> , <u>Tavşan üzümü</u> , <u>Tilki üzümü</u> , <u>Yandak</u>
<b>Betulaceae</b>	
<i>Alnus glutinosa</i> (L.) Gaertn. (E.Ö.20)	<u>Karaağaç</u> , <u>Kızılçınar</u>
<i>Carpinus betulus</i> L. (ISTE 109574)	Gürgen, <u>Karaağaç</u>
<b>Boraginaceae</b>	
<i>Alkana tubulosa</i> Boiss. (ISTE 109578)	<b>Kökboya</b>
<i>Anchusa undulata</i> L. subsp. <i>hybrida</i> (Ten.) Cout. (ISTE 109583)	<u>Bal otu</u> , <u>Emme otu</u> , <u>Sütlüce</u>
<i>Echium italicum</i> L. (ISTE 109579)	<u>Bal otu</u>
<i>Echium plantagineum</i> L. (ISTE 109580)	Engerek otu, Tüylü ot
<i>Onosma armenum</i> DC. (ISTE 109575) <b>Endemic</b>	<u>Sarı çiçek</u>
<i>Onosma aucherana</i> DC. (ISTE 109577)	<u>Emme otu</u>
<i>Symphytum orientale</i> L. (ISTE 109581)	<b>Yara otu</b>
<b>Brassicaceae</b>	
<i>Alyssum murale</i> Waldst. & Kit. (ISTE 109605)	Sünnetlice
<i>Brassica oleracea</i> L.	<u>Karnabahar</u> , <u>Kelem</u> , Lahana
<i>Brassica nigra</i> (L.) K.Koch (ISTE 109608)	<u>Hardala</u>
<i>Brassica rapa</i> L. (ISTE 109601)	<u>Şalgam otu</u>
<i>Calepina irregularis</i> (Asso) Thell. (ISTE 109610)	<u>Develik</u>
<i>Capsella bursa-pastoris</i> (L.) Medik. (ISTE 109606)	Çoban çantası
<i>Lepidium spinosum</i> Ard. (E.Ö.24)	<u>Muşurat</u>
<i>Nasturtium officinale</i> R.Br. (ISTE 109602, 109603)	<u>Deli kereviz</u> , <u>Gerdeme</u> , <u>Gereviz</u> , <u>Su kazayağı</u>
<i>Raphanus sativus</i> L. (E.Ö.25)	Kara turp
<i>Raphanus raphanistrum</i> L. (ISTE 109611)	Eşek turbu, <u>Hardala</u> , Turp otu
<i>Rapistrum rugosum</i> (L.) All. (ISTE 109600)	<u>Hardala</u> , <u>Hardal otu</u>
<i>Thlaspi perfoliatum</i> L. (ISTE 109607)	Kuşkuşotu
<b>Cactaceae</b>	
<i>Opuntia ficus-indica</i> (L.) Mill. (E.Ö.22)	<u>Eşek diken</u> , Kaynana dili

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<i>Matricaria chamomilla</i> L. (ISTE 109644)	<u>Bopatça, Bubatçe, Papatça, Papatya, Keloğlan çiçeği</u>
<i>Pallenis spinosa</i> (L.) Cass. (ISTE 109651)	<u>Altınyıldız otu</u>
<i>Silybum marianum</i> (L.) Gaertn. (ISTE 109639)	<u>Çıtırgan, Deve diken, Kenger, Sarıkız</u>
<i>Sonchus asper</i> (L.) Hill subsp. <i>glaucescens</i> (Jord.) Ball ex Ball (ISTE 109634, 109627)	<u>Diken otu, Eşek diken, Eşek helvası, Helvacık, Helvacık otu, Radika</u>
<i>Taraxacum gracilens</i> Dahlst. (ISTE 109619)	<b>Karahindibağ</b>
<i>Taraxacum hybernum</i> Steven (ISTE 109641)	Karahindibağ, <u>Radika, Üfleme otu</u>
<i>Tripleurospermum conoclinium</i> Boiss. & Balansa) Hayek (ISTE 109659, E.Ö.17) <b>Endemic</b>	<u>Uzun papatya</u>
<i>Urospermum picroides</i> (L.) Scop. ex F.W.Schmidt (ISTE 109629)	<u>Helvacık</u>
<i>Xanthium strumarium</i> L. (E.Ö.18)	Büyük pıtrak, Domuz pıtrağı
<i>Xeranthemum cylindraceum</i> Sm. (E.Ö.19)	<b>Duman otu</b>
<b>Convolvulaceae</b>	
<i>Convolvulus arvensis</i> L. (ISTE 109670, 109669)	<u>Filiz, Sarmaşık</u>
<i>Convolvulus cantabrica</i> L. (ISTE 109667)	<u>Pembe sarmaşık</u>
<i>Convolvulus scammonia</i> L. (ISTE 109668)	Sarmaşık
<b>Cornaceae</b>	
<i>Cornus mas</i> L. (ISTE 109595, 109594)	Kızılık, <u>Küren</u>
<b>Crassulaceae</b>	
<i>Sedum album</i> L. (ISTE 109599)	<u>İsilik otu</u>
<i>Sedum pallidum</i> M.Bieb. (ISTE 109598, 109597)	<u>İsilik otu, Taş kuruğu</u>
<i>Umbilicus rupestris</i> (Salisb.) Dandy (ISTE 109596)	Kaplık otu
<b>Cucurbitaceae</b>	
<i>Ecballium elaterium</i> (L.) A.Rich. (ISTE 109613, 109612)	<u>Acı bostan, Acı dülek, Acı dürlek, Acı kavun, Acı kelek, Deli kelek, Deve daşağı, Kabarağı, Mayasıl otu, Şeytan keleş, Yer diken</u>
<i>Lagenaria siceraria</i> (Molina) Standl. (E.Ö.28)	Su kabağı
<i>Momordica charantia</i> L. (E.Ö.29)	<u>Akçakız, Kah kah kabağı, Kudret Narı, Şevketibostan</u>
<b>Cyperaceae</b>	
<i>Cyperus rotundus</i> L. (ISTE 109671)	Topalak otu
<i>Scirpoides holoschoenus</i> (L.) Soják (ISTE 109672)	<u>Kovalık otu</u>
<b>Dioscoreaceae</b>	
<i>Dioscorea communis</i> (L.) Caddick & Wilkin (ISTE 109676, 109673, 109674)	Acı filiz, Acı ot, <u>Adem otu, Akıllı sarmaşık, Çıtırğa filizi, Domuz helvası, Filiz, Köpek üzümü, Mayasıl otu, Sarmaşık, Yakı otu, Yel otu</u>
<b>Elaeagnaceae</b>	
<i>Elaeagnus angustifolia</i> L. (E.Ö.31)	İğde
<b>Ericaceae</b>	
<i>Arbutus andrachne</i> L. (ISTE 109679)	<u>Ağaç çileği, Ayı üzümü, Dağ çileği, Davulgu</u>
<i>Arbutus unedo</i> L. (ISTE 109681)	Davulgu
<i>Erica arborea</i> L. (ISTE 109680)	<u>Pien, Piren, Piyen</u>
<b>Euphorbiaceae</b>	
<i>Euphorbia helioscopia</i> L. (ISTE 109682)	Sütligen

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<i>Euphorbia oblongata</i> Griseb. (ISTE 109684)	Sütleğen
<i>Euphorbia rigida</i> M.Bieb.(ISTE 109683)	Sütleğen
<b>Fagaceae</b>	
<i>Quercus cerris</i> L. (ISTE 109687)	<u>Ak gobak, Çalı kobağı, Gobak, Meşe, Karakubak, Kara kombalak, Kızılmeşe, Kobak, Kobar çalısı, Kombalak, Kubak, Kubar</u>
<i>Quercus infectoria</i> G.Olivier (ISTE 109693, 109694, 109692)	<u>Akgobak, Akmeşe, Akpınar, Çalı kobağı, Gobak, Kasnak, Meşe, Pelit, Palamut, Sartal</u>
<i>Quercus ithaburensis</i> Decne. subsp. <i>macrolepis</i> (Kotschy) Hedge & Yalt. (ISTE 109686)	Meşe, <u>Kırmızı pelit</u>
<i>Quercus petraea</i> (Matt.) Liebl. subsp. <i>iberica</i> (Steven ex M.Bieb.) Krassiln. (ISTE 109689)	Meşe
<b>Gentianaceae</b>	
<i>Centaureum erythraea</i> Rafn (ISTE 109695)	Kırmızı kantaron
<b>Geraniaceae</b>	
<i>Erodium ciconium</i> (L.) L'Hér. (ISTE 109701)	<u>İğnelik</u>
<i>Erodium cicutarium</i> (L.) L'Hér. (ISTE 109700)	<u>Kocakarı iğnesi</u>
<i>Erodium leucanthum</i> Boiss. (ISTE 109699, 109697)	İğnelik
<i>Erodium moschatum</i> (L.) L'Hér. (ISTE 109702)	<u>Leylek kakması</u>
<i>Geranium asphodeloides</i> Burm.f. (ISTE 109698)	<u>Hıdır otu, Mor çiçek</u>
<b>Grossulariaceae</b>	
<i>Ribes rubrum</i> L. (ISTE 109709, ISTE 109708)	<u>Kanser otu</u>
<b>Hypericaceae</b>	
<i>Hypericum atomarium</i> Boiss. (ISTE 109723)	Kantaron otu
<i>Hypericum calycinum</i> L. (ISTE 109720, 109719)	<u>Hayırsız otu</u>
<i>Hypericum montbretii</i> Spach (ISTE 109718, 109721)	Kantaron, <u>Kantarot</u>
<i>Hypericum perforatum</i> L. (ISTE 109710, 109717, 109712)	<u>Boyalık otu, Çayotu, Kantarot, Kantaron, Kantar otu, Katırcı otu, Sarı kantaron</u>
<i>Hypericum triquetrifolium</i> Turra (ISTE 109713, 109716)	Kantaron, <u>Şeytan evi</u>
<b>Juncaceae</b>	
<i>Juncus inflexus</i> L. (ISTE 109727)	<u>Kovalık otu</u>
<b>Lamiaceae</b>	
<i>Ballota nigra</i> L. (ISTE 109820)	<u>Çay otu, Kanser otu</u>
<i>Clinopodium vulgare</i> L. (ISTE 109854, 109853)	Ballıbaba
<i>Lavandula stoechas</i> L. (ISTE 109852, 109826)	Karabaş otu, <u>Kocabaşotu</u> , Lavanta
<i>Marrubium vulgare</i> L. (ISTE 109830, 109847, 109848, 109849, 109850)	<u>Bertik otu, Eşek otu, Konyalı otu, Koyun otu, Mayasıl otu</u>
<i>Melissa officinalis</i> L. (ISTE 109802)	<u>İliman</u> , Limon otu, Oğulotu
<i>Mentha longifolia</i> (L.) L. subsp. <i>typhoides</i> (Briq.) Harley (ISTE 109834)	Dere nanesi, Köpek nanesi
<i>Mentha pulegium</i> L.(E.Ö.36)	<u>Nana</u> , Nane
<i>Micromeria myrtifolia</i> (L.) Benth. ex Rchb. (ISTE 109809)	<u>Ayaklı kekik</u>
<i>Ocimum basilicum</i> L. (E.Ö.37)	Fesleğen, Reyhan

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<i>Origanum vulgare</i> L. subsp. <i>hirtum</i> (Link) letsw. (ISTE 109829, 109813)	<u>Akkekek</u> , Ayaklı kekik, <u>Dal kekiği</u> , <u>Dağ kekiği</u> , <u>Ege kekiği</u> , <u>Gır kekiği</u> , Güve otu, İnce kekik, Kekik, Keklik, Mercan köşk, <u>Nuzla</u> , <u>Orman kekiği</u> , <u>Uzun kekik</u> .
<i>Phlomis russeliana</i> (Sims) Lag. ex Benth. (ISTE 109833) <b>Endemic</b>	<b>Sorkuç</b>
<i>Prunella laciniata</i> (L.) L. (ISTE 109841, 109840)	<b>Horoz ibiği</b>
<i>Prunella vulgaris</i> L. (ISTE 109843)	<u>Siğil otu</u>
<i>Rosmarinus officinalis</i> L. (ISTE 109838, 109839)	<u>Akıl otu</u> , Biberiye
<i>Salvia aethiopsis</i> L. (ISTE 109808)	Yünlü adaçayı
<i>Salvia argentea</i> L. (ISTE 109824)	<b>Beyaz şabla</b>
<i>Salvia fruticosa</i> Mill. (ISTE 109807)	Adaçayı, Boş, <u>Boşotu</u> , <u>Boşapla</u> , <u>Muşapla</u> , <u>Moşapla</u> , <u>Puşapla</u> , <u>Şapla</u> , <u>Yakiotu</u>
<i>Salvia napifolia</i> Jacq. (ISTE 109795)	Çay otu
<i>Salvia tomentosa</i> Mill. (ISTE 109804)	Adaçayı, <u>Muşapla</u>
<i>Salvia verbenaca</i> L. (ISTE 109797)	<u>Böbrek otu</u>
<i>Salvia virgata</i> Jacq. (ISTE 109799, 109794)	<u>Kanser otu</u>
<i>Salvia viridis</i> L. (ISTE 109801, 109800)	<u>Grip çayı</u>
<i>Scutellaria rubicunda</i> Hornem. (ISTE 109791)	<b>Mantar otu</b>
<i>Sideritis montana</i> L. subsp. <i>remota</i> (d'Urv.) P.W.Ball (ISTE 109823)	<b>Dağ çayı</b>
<i>Stachys cretica</i> L. subsp. <i>anatolica</i> Rech. fil. (ISTE 109811)	<u>Beyaz şabla</u> , Karabaş otu
<b>Endemic</b>	
<i>Stachys obliqua</i> Waldst. & Kit. (ISTE 109787)	Dağ çayı
<i>Stachys thirkei</i> K.Koch (ISTE 109788)	<u>Minare otu</u> , <u>Tavşanak otu</u>
<i>Teucrium chamaedrys</i> L. (ISTE 109831, 109786, 109784, 109785)	Bodur mahmut, <u>Bodur otu</u> , <u>Kebir</u> , Kısa mahmut
<i>Teucrium polium</i> L. (ISTE 109782, 109781)	<u>Şeker otu</u>
<i>Thymbra spicata</i> L. (ISTE 109827, 109780, 109779, 109777)	<u>Bayır kekiği</u> , <u>Havai kekik</u> , Karabaş otu, <u>Karakülef</u> , Kaya kekiği, Kekik, <u>Mercanköşk</u> , <u>Şeker otu</u>
<i>Thymus longicaulis</i> C.Presl subsp. <i>chaubardii</i> (Rchb.f.) J alas (ISTE 109832)	<u>Akbaşı ot</u> , <u>Güve otu</u> , Kekik, <u>Nuzla</u> , <u>Nuzlot</u> , <u>Yer kekiği</u>
<i>Thymus zygoides</i> Griseb. (ISTE 109818, 109817)	<u>Bayır çayı</u> , <u>Kaya kekiği</u> , Kekik, <u>Kır kekiği</u> , <u>Nuzla otu</u> , <u>Şeker otu</u> , <u>Taş kekiği</u> , <u>Toğga</u>
<i>Vitex agnus-castus</i> L. (ISTE 109828, 109774, 109773)	Hayıt
<b>Leguminosae</b>	
<i>Astragalus angustifolius</i> Lam. (ISTE 109729)	<u>Diken otu</u> , <u>Dikenli ot</u> , <u>Top diken</u>
<i>Astragalus hamosus</i> L. (ISTE 109754)	<u>Pıtrak</u>
<i>Bituminaria bituminosa</i> (L.) C.H.Stirt. (ISTE 109736)	Yağlı ot
<i>Cercis siliquastrum</i> L. (ISTE 109733)	Erguvan, <u>Keçi gevişi</u> , <u>Yabani keçiboynuzu</u>
<i>Dorycnium graecum</i> (L.) Ser. (ISTE 109737)	Yonca
<i>Genista anatolica</i> Boiss. (ISTE 109743)	<u>Diken otu</u> , <u>Mayasıl dikeni</u>
<i>Hymenocarpus circinnatus</i> (L.) Savi (ISTE 109744)	<b>Tandır otu</b>
<i>Melilotus indica</i> (L.) All. (ISTE 109730)	Sarı yonca
<i>Pisum sativum</i> L. subsp. <i>elatius</i> (M.Bieb.) Asch. & Graebn. (ISTE 109745)	<u>Yabani bezelye</u>
<i>Securigera securidaca</i> (L.) Degen & Dorfl. (ISTE 109739, 109741)	<b>Sinameki</b>
<i>Spartium junceum</i> L. (ISTE 109752)	Katır kuyruğu, Katır tırnağı, <u>Piren</u> , <u>Poruk</u>



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<i>Trifolium angustifolium</i> L. (ISTE 109750)	<u>Trifil</u>
<i>Trifolium nigrescens</i> Viv. (ISTE 109732)	<u>Trifil, Yonca</u>
<i>Trifolium purpureum</i> Loisel. (ISTE 109734)	Tirfil
<i>Vicia grandiflora</i> Scop. (ISTE 109746)	<u>Deli bakla, Fi, Trifil, Yerli Fi</u>
<i>Vicia tetrasperma</i> (L.) Schreb. (ISTE 109751)	<b>Mavi kantaron</b>
<i>Vicia villosa</i> Roth (ISTE 109749)	<u>Bağla otu, Deli bakla, Fi, Yabani bezelye</u>
<b>Liliaceae</b>	
<i>Asparagus acutifolius</i> L. (ISTE 109763)	<u>Çıtır diken</u>
<i>Asparagus aphyllus</i> L. subsp. <i>orientalis</i> (Baker) P.H.Davis (ISTE 109762)	<u>Çiğer otu, Kalp otu</u>
<i>Lilium candidum</i> L. (ISTE 109761)	Beyaz zambak
<b>Lythraceae</b>	
<i>Lythrum salicaria</i> L. (ISTE 109765)	<u>Egzama otu</u>
<b>Malvaceae</b>	
<i>Alcea pisidica</i> Hub.-Mor. (ISTE 109770) <b>Endemic</b>	<b>Fatmagül, Hatmi</b>
<i>Malva sylvestris</i> L. (ISTE 109767, 109769, 109768)	Develik otu, Ebegümeçi, <u>Evelik</u> , Gömeç
<b>Oleaceae</b>	
<i>Jasminum fruticans</i> L. (ISTE 109861, 109857)	<u>Çeltik, Çingirlik</u>
<i>Phillyrea latifolia</i> L. (ISTE 109858, 109860, 109859)	Akçakesme, Pynar
<b>Paeoniaceae</b>	
<i>Paeonia peregrina</i> Mill. (ISTE 109864)	<u>Abaç, Ay gülü, Ayı gülü, Beşparmak, Dolaman, Dülbent, Garga basması, Geyik göbeği, Geyik lalesi, Kaba dülbent lalesi, Kaba dülber, Kafire, Kame, Lale, Tombak lale, Top lale</u>
<b>Papaveraceae</b>	
<i>Fumaria officinalis</i> L. (ISTE 109868)	<u>Şahteren</u>
<i>Glaucium corniculatum</i> (L.) Curtis (ISTE 109872)	Gelincik
<i>Papaver rhoeas</i> L. (ISTE 109869, 109866)	Gelincik, Gelineli
<b>Plantaginaceae</b>	
<i>Plantago lanceolata</i> L. (ISTE 109874)	Damarlı ot, <u>Kılınc otu</u>
<i>Plantago major</i> L. (ISTE 109876)	<u>Kırkdamar otu</u> , Sinirli ot
<i>Plantago major</i> L. subsp. <i>intermedia</i> (Gilib.) Lange (ISTE 109875)	<u>Beşparmak otu</u> , Damarlı ot
<b>Poaceae</b>	
<i>Briza maxima</i> L. (ISTE 109705)	<u>Günebakan, Şingirdak otu</u>
<i>Cynodon dactylon</i> (L.) Pers. (ISTE 109707)	Ayrık otu, <u>Bırcırgan, Eklem otu</u>
<i>Sorghum halepense</i> (L.) Pers. (ISTE 109706)	Kanyaş, <u>Kıynaş, Süpürgelik</u>
<b>Polygonaceae</b>	
<i>Polygonum alpinum</i> Ail. (ISTE 109885)	<u>Eksiğünek otu</u>
<i>Polygonum cognatum</i> Meisn. (ISTE 109880)	Madımak, <u>Tavuk otu</u>
<i>Rumex acetosella</i> L. (E.Ö.44)	<u>Acı kulak, Ekşi kulak, Epelek, İlibada, Kızılbaçak, Kuzukulak, Kuzukulağı, Labada</u>
<i>Rumex crispus</i> L. (ISTE 109883, 109884)	<u>Alabardağı, Ebe kuzulağı, Eşek alabadaşı, Labada</u>

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<i>Rumex cristatus</i> DC. (ISTE 109882)	<u>Kuzukulak</u>
<i>Rumex obtusifolius</i> L. (ISTE 109879)	<u>Alabardak</u>
<i>Rumex patientia</i> L. (E.Ö.45)	Labada otu, Pazi
<i>Rumex tuberosus</i> L. (ISTE 109881)	<u>Eksi kulak</u> , Kuzukulağı
<b>Portulacaceae</b>	
<i>Portulaca oleracea</i> L. (E.Ö.49)	Semizlik otu, Temizlik otu
<b>Primulaceae</b>	
<i>Primula vulgaris</i> Huds. subsp. <i>rubra</i> (Sm.) Arcang. (ISTE 109887)	<u>Dağ marulu</u> , <u>Dere çiçeği</u> , <u>Karga basması</u> , <u>Karga yaşmağı</u> , <u>Marul</u>
<b>Ranunculaceae</b>	
<i>Delphinium peregrinum</i> L. (ISTE 109888)	Bit otu
<i>Helleborus orientalis</i> Lam. (E.Ö.50)	<u>Karacakökü</u> , Karacaot, <u>Kökboyası</u>
<i>Ranunculus arvensis</i> L. (ISTE 109889)	<u>Bağdırnağı</u> , <u>Ellik pıtrağı</u> , <u>Pıtrak</u> , Sarı pıtrak
<i>Ranunculus repens</i> L. (ISTE 109892, 109891)	<u>Bağdırnağı</u> , <u>Yağlı lale</u> , Yakı otu
<b>Rhamnaceae</b>	
<i>Paliurus spina-christi</i> Mill. (ISTE 109893, 109894, 109895)	Çaltı, <u>Çaltı güllüğü</u> , <u>Çaltı pulu</u> , Karaçaltı
<b>Rosaceae</b>	
<i>Cotoneaster morulus</i> Pojark. (ISTE 109910)	<b>Geyik elması</b>
<i>Crataegus microphylla</i> K.Koch (ISTE 109914)	Alıç
<i>Crataegus monogyna</i> Jacq. (ISTE 109915, 109917)	Alıç, <u>Alıç gülü</u> , <u>yemişen</u>
<i>Crataegus orientalis</i> Pall. ex M.Bieb. subsp. <i>szovitsii</i> (Pojark.) K.I.Chr. (ISTE 109913)	Alıç, <u>Yemişen</u>
<i>Filipendula vulgaris</i> Moench (ISTE 109912)	Keçisakalı
<i>Malus sylvestris</i> (L.) Mill. (ISTE 109922)	Bayır elması
<i>Potentilla recta</i> L. (ISTE 109921)	Aslan pençesi, <u>Yaraotu</u>
<i>Prunus divaricata</i> A. Sav. subsp. <i>divaricata</i> (E.Ö.54)	Dağ eriği, Erik
<i>Prunus dulcis</i> (Mill.) D.A.Webb (ISTE 109934)	Badem, Çağla
<i>Prunus laurocerasus</i> L. (ISTE 109932)	<u>Tahlan</u> , <u>Taflan</u> , <u>Taflana</u>
<i>Prunus spinosa</i> L. (ISTE 109909)	Çakal eriği, <u>Deli erik</u> , Domuz eriği, Güvem, <u>Karagüvem</u> , <u>Likapa</u> , <u>Mamık</u> , Yabani erik
<i>Pyrus amygdaliformis</i> Vill. (ISTE 109936)	Deli armut
<i>Pyrus elaeagnifolia</i> Pall. (ISTE 109923, 109933)	Ahlat, <u>Aflat</u> , <u>Alfat</u> , <u>Çakal armudu</u> , <u>Geyik elması</u> , <u>Üvez</u> , Yabani armut
<i>Rosa canina</i> L. (ISTE 109938, 109931)	<u>Bayırgülü</u> , <u>İprım</u> , <u>İtgülü</u> , <u>Kuşbaşı</u> , Kuşburnu, <u>Öküzgötü</u> , Yabangülü, Yabani gül
<i>Rosa phoenicia</i> Boiss. (ISTE 109904, 109924)	Kuşburnu
<i>Rosa sempervirens</i> L. (ISTE 109902)	Kuşburnu, <u>İtgülü</u> , <u>Öküzgötü</u>
<i>Rubus canescens</i> DC. (ISTE 109926)	Böğürtlen, Karamık, Karantı, <u>Kırantı</u>
<i>Rubus idaeus</i> L. (ISTE 109898, 109897, 109903)	Karantı
<i>Rubus sanctus</i> Schreb. (ISTE 109900)	Böğürtlen, Kırintı
<i>Rubus ulmifolius</i> Schott (ISTE 109927)	<u>Karantı</u>
<i>Sarcopoterium spinosum</i> (L.) Spach (E.Ö.56)	<u>Çıtırdak</u> , <u>Çıtırğan</u> , <u>Çıtırık</u> , <u>Çıtırığı diken</u> , <u>Çıtır pıtır</u>

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<i>Sorbus torminalis</i> (L.) Crantz (ISTE 109918)	<u>Geyik elması</u>
<b>Rubiaceae</b>	
<i>Galium aparine</i> L. (ISTE 109946, 109948, 109943)	Dil kanatan otu, <u>Kedi taşığı</u> , Yapışkan ot
<i>Galium verum</i> L. (ISTE 109947)	<u>Sünnetlice otu</u> , <u>Yoğurt otu</u>
<i>Rubia tinctorum</i> L. (ISTE 109945)	<u>Boyalık otu</u> , Kökboya, Yapışkan ot
<b>Salicaceae</b>	
<i>Populus nigra</i> L. (E.Ö.59)	<u>Deli kavak</u> , Kavak, <u>Telli kavak</u>
<i>Salix alba</i> L. (ISTE 109949)	Söğüt
<b>Santalaceae</b>	
<i>Osyris alba</i> L. (E.Ö.60)	Poruk otu
<i>Viscum album</i> L. subsp. <i>album</i> (E.Ö.61)	<u>Aflat burcu</u> , Ahlat, Ahlat burcu, Ahlat hurcu, Ahlat pürçüğü, Alfat, Ardiç burcu, Ardiç pürçüğü, Armut burcu, Burç, Hurç, Ökse otu
<i>Viscum album</i> L. subsp. <i>austriacum</i> (Wiesb.) Vollm. (E.Ö.62)	Burç, Çam burcu, <u>Hurç</u> , Ökse otu
<b>Scrophulariaceae</b>	
<i>Scrophularia scopolii</i> Hoppe ex Pers. (ISTE 109953)	<u>Basur otu</u>
<i>Verbascum lasianthum</i> Boiss. ex Benth. (ISTE 109954)	<u>Eşek kulağı</u> , <u>Mayasıl otu</u> , Sığır kuyruğu, <u>Sığır sidiği</u>
<i>Verbascum mucronatum</i> Lam. (ISTE 109951)	Balık otu, <u>Mayasıl otu</u> , Sığır kuyruğu, <u>Süpürgelik otu</u>
<i>Verbascum simavicum</i> Hub.-Mor. (ISTE 109950, 109952, E.Ö.63)	<b>Eşek kulağı</b> , <b>Sığır kuyruğu</b> , <b>Sığır sidiği</b>
<b>Endemic</b>	
<i>Veronica pectinata</i> L. (ISTE 109956, 109955)	<b>Bodur mahmut</b>
<b>Solanaceae</b>	
<i>Datura stramonium</i> L. (ISTE 109959)	<u>Hardalotu</u> , Tatala
<i>Hyoscyamus niger</i> L. (ISTE 109958, 109957)	Diş otu
<b>Tiliaceae</b>	
<i>Tilia argentea</i> Desf. ex DC. (ISTE 109961)	İhlamur
<i>Tilia rubra</i> DC. subsp. <i>caucasica</i> (Rupr.) V.Engl. (E.Ö.67)	İhlamur
<b>Urticaceae</b>	
<i>Urtica dioica</i> L. (ISTE 109962, E.Ö.68)	<u>Bırgan</u> , <u>Gırgan</u> , Gidişken, İsrırgan, <u>Kabarcık</u>
<i>Urtica membranacea</i> Poir. ex Savigny (ISTE 109964)	İsrırgan
<i>Urtica pilulifera</i> L. (ISTE 109963)	Gidişken
<b>Verbenaceae</b>	
<i>Verbena officinalis</i> L. (ISTE 109965)	<u>Sultan otu</u>
<b>Violaceae</b>	
<i>Viola sieheana</i> W.Becker (ISTE 109967)	Mor menekşe
<i>Viola tricolor</i> L. (ISTE 109966)	Yabani menekşe
<b>Xanthorrhoeaceae</b>	
<i>Asphodeline lutea</i> L. (ISTE 109966)	<u>Köpek şilşili</u> , Lüllük, Nünü, Yabani pırasa
<i>Asphodelus aestivus</i> Brot. (E.Ö.70, ISTE 109969)	<u>At otu</u> , Kirişlik, <u>Yabani pırasa</u>
<b>Zygophyllaceae</b>	
<i>Tribulus terrestris</i> L. (E.Ö.71)	Çoban çökerten, Deve çökerten, <u>Domuz pıtrağı</u> , Pıtrak otu, Sarı pıtrak

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