THE ECOTOURISM POTENTIAL OF KÜTAHYA PROVINCE

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Abstract

The aim of this study is to evaluate the ecotourism potential of the province of Kütahya, which is famous for its traditional china and porcelain products and thermal tourism facilities. According to archaeological findings, its oldest settlement dates back to the Hittite period (1800 BC). Kütahya was under Phrygian, Lydian, Persian, Alexander the Great's, Roman, Byzantine, German and Ottoman control successively. The most recent history of Kütahya involves the most important stages of the Turkish Independence Struggle. The research area has numerous artifacts and ruins of this rich cultural past, two of which are the Phrygian Valley and Aizanoi ancient city, where cultural artifacts of very ancient peoples and natural ecosystems rest side by side. Moreover, one can also often see the historical Kütahya mansions with their distinctive architecture and ancient streets lined with centenarian trees. The research area, mostly composed of mountains and plateaus, is very convenient for nature-based tourism. This is due to its interesting surface features developed on a tuff, rivers suitable for various water sports because of its favourable valley and flow characteristics and such geomorphologic characteristics as cold and geothermal water springs. 52.97% of the province is covered with forests. It has various monumental trees and diverse endemic species of plants spread over a large area. One of those trees is Pyramidal Black Pine, which is endemic to Anatolia and covers the largest range. Besides the endangered Great Bustard, certain birds of prey whose numbers have diminished a lot – for example the Black Vulture with its largest population in the Türkmen Mountains - also live in the virgin forests of the Murat, Eğrigöz and Türkmen mountains. As a result of the study, the magnificent cultural and natural tourism assets of the Kütahya are presented and its splendid ecotourism activities are recommended.

Key Words: Ecotourism, Kütahya, The Phrygian valley, Great Bustard, Pyramidal Black Pine

Introduction

Kütahya, is between the northern latitudes of 38º70'-39º80' and eastern longitudes of 29º00'-30º30' in the interior western Anatolian part of the Aegean Region of Turkey (Figure 1). The paper consists of three parts; the first and second present the natural and cultural characteristics of the area and the third one evaluates its potential for ecotourism activities. It was determined from the findings, gathered by a review of the literature on the relevant characteristics of the research area and an analysis of these characteristics under geographical principles, that Kütahya with its mountainous areas and forests has a high potential for ecotourism; especially for areas such as botany, ornithology and tableland tourism. Moreover, its cultural heritage and authentique features are also rich enough to support nature-based tourism.

Environmental Characteristics

Geomorphologic Characteristics: Kütahya is like an edge at the transition point from the Central Anatolia Basin to the Aegean. The 11.875km² of the province is composed of 57.5% mountains, 31.5% plateaus and 11% plains (Kütahya Valiliği, 2005). Its average altitude is 1200m and more than three fourths of it is 1000-1500m undulating terrain (Dönmez, 1972). The mountains and plains among them extend in a NW-SE direction. The Kütahya Plain, which also contains the city centre, is within the province’s northwest...
borders. The mountainous areas around Kütahya is made up of Yellice Mountain (1764m), Gümüş Mountain (1901m), Murat Mountain (2312m), Şaphane Mountain (2121m), Simav Mountain (1800m) in the south; Yeşildağ Mountain(1933m) in the north; Türkmen Mountain (1829m) in the east; Eğrigöz Mountain (2181m) and Akdağ Mountain (2089m) in the west. The depressions among these mountains are the Kütahya, Köprüören, Tavşanlı, Altıntaş, Aslanapa, Gediz, Simav and Örencik Plains. The mountainous areas are composed of mainly Palaeozoic shales and limestones. The surface material is mostly made up of terrestrial and volcanic complex of Neogene formations. The Neogene series start with conglomerate and sandstones at the base and continue with marl, limestone and tuff layers. In the plain areas, on the other hand, ancient (Pliocene) and recent alluvials (Quaternary) exist (DSI, 1981; MTA, 1989).

Akdağ Mountain It extends in a NE-SW direction on the northwest of the Simav graben. The peak of this massive, whose elevation difference from the base of the Simav depression is 1300m, is the Namazlartası Hill (2089m). The creeks flowing that form narrow and deep gorges through the hillsides are the branches of the Kocadere and Simav Streams, which come from the peaks of Akdağ Mountain (Erer, 1977). There are erosion surfaces at 1150-2000m and 850-950m. There are also fresh water springs mostly at high elevations. The hillsides are densely covered with Balcak Pine and Beech.

Figure 1. Location map of Kütahya Province
Eğrigöz Mountain: This massive lies in a north-south direction on the northeast of the Simav depression. It has a tableland characteristic dissected deeply by rivers. The peak is 2181m. The rivers along the sides, that form canyon valleys at times, are the tributaries of the Emet, Kocaçay and Simav streams. There are erosion surfaces at the same elevations, which are the continuance of those in Akdağ Mountain. Besides fresh water springs at higher elevations, there are also hot water springs along the sides of the Simav depression. The thermal springs along the fault line bordering the Simav graben from the west are concentrated between the towns of Eynal and Naşa. The dense vegetation composed of Scotch Pine and Black Pine on the mountain has 8% endemic flora (Erer, 1977; Görk, 1982).

Simav Mountain: It forms the northern part of Saruhan-Menteşe massive and borders the Simav graben on the south. The Sındırı extension of the mountain that extends in a NW-SE direction is called the Demirci Mountains, whose peak is Ziyaret Hill (1800m). The foot of the mountain is covered with forests of Black Pine, Chestnut, Beech and Oak species. 9% of the vegetation is composed of endemic species (Yayıntaş, 1985). Along the sides, there exist short, but strong rivers which form narrow and deep valleys and feed the Simav Stream. There are also erosion surfaces at 1500-1200 and 900m (Erer, 1977).

Yellice Mountain: (bold) It extends in an E-W direction in the south of Kütahya Plain. Its peak is Incıbel Hill (1764m). The streams along the sides join the Porsuk Stream and its branches, the Felent and Söğütözü Creeks. The sides of the mountain are covered with dense vegetation of Juniper and Black Pine. There are probably Miocene and Upper Neogene erosion surfaces at 1100-1150 and 1250-1300 metres on the mountain which continue over Gümüş Mountain to the west (Dönmez, 1972).

Gümüş Mountain: This mountain is to the west of Yellice Mountain, which is on the south of Kütahya Plain. Its peak is Naibant Hill at 1901m. It extends in a NW-SE direction and forms steep gorges due to the Kütahya-Demirciören fault that runs along the south of the mass (Ardel-Kurter, 1958-1959). There are narrow and deep straits along its sides, formed by the branches of the Kocasu and Felent Streams. On the higher parts of the mountain are the Scotch Pine and Black Pine forests, but on the lower plateaus there are Oak trees (Dönmez, 1972). 12% of the vegetation on Yellice and Gümüş Mountains are endemic (Akan, 1995).

Türkmen Mountain: It lies in the east of Kütahya Plain in a NW-SE direction. It is 1826m high. The sides of the mountain, which are plateaus in character, are cut deeply by the branches of the Porsuk Stream. The higher areas are covered with Scotch Pine and Black Pine, whereas the lower parts are with Quercus cerris. The tops are bleek erosion surfaces (Dönmez, 1972). It has a rich wildlife. Its peak is Kartal Hill (2309m). It is drained by the branches of the Murat Stream. In the northwest of the mountain exist two glacial-based cirque lakes: one in Gölyeri (1750m), which becomes a marshland in summer; the other is Kuzu Lake (1900m) in the southeast (Yalçınlar, 1970). 13% of the vegetation are endemic and Black Pine is the dominant species of the rich flora (Çırpıcı, 1988). The mountain is also rich in wildlife, having a deer-breeding station and is included in the Important Bird Sanctuaries of Turkey (OKA). There are also thermal facilities for tourism.

Hydrographic Characteristics: Some of the rivers in the research area are the Susurluk Stream and its branches - Simav Creek, Emet-Kirmasti Creeks and Kocasu (Adırnaz) Creek flowing into the Marmara Sea; Porsuk stream; the branch of the Sakarya Stream flowing into the Black Sea; Gediz River and its Murat Stream branch flowing into the Aegean Sea. The longest one in the area is Porsuk Stream (70km), comprising 2/3 of the water in the area with its branches. The rivers of the area are generally short and show compatibility with tectonic lines (Darkot-Tuncel, 1995; Dönmez, 1972). Their currents have never been very strong (Porsuk 8.1m3/sec, Kocasu 6.5m3/sec). The strongest currents come in March, when the snow starts to melt, and in this period the flow of the Porsuk is 16.7m3/sec and that of the Kocasu is 12.6m3/sec. In August, due to little precipitation and intense evaporation, the flow is at the minimum level (Dönmez, 1972). Besides the dams of Kayaboğazi, Enne, Söğüt, Hisarcık and Çavdarhisar in the region, there are also 21 small lakes. Kütahya is really rich in geothermal springs, and the temperature of the water in the health spas is between 25.2°C-97°C (Kütahya Valiliği, 2006).
**Climatic Characteristics:** The climate in and around Kütahya is a transitional type, between the Aegean and Central Anatolia Regions (Dönmez, 1972). The annual average temperature is about 10.5 °C. The lowest average temperature is in January (0.3°C), and the highest is in July (20.4°C). The average annual precipitation in the plain is 547.2mm (DMİ, 2002). The main factor in the spread of precipitation is elevation, which means that the mountainous areas get the most precipitation (Dönmez, 1972). The rainiest month in the area is December (79.7mm), while the driest one is August (16.1mm). The annual number of snowy days is 79.7 (October 0.3, November 5.4, December 15.9, January 20.5, February 18.7, March 14.7, April 3.9, May 0.3 days). Due to the continental effect, the snow does not melt instantly; thus 40.7 days pass under snow (November 1.7, December 8.6, January 14.4, February 9.8, March 5.5, April 0.6, May 0.1 days). The direction of the wind in and around Kütahya is WNW, in conformity with the character of the action? (active) centres effective in the country and in accordance with the orographic tracks of the area. In winter however, due to the change in pressure centres, the SSW wind is dominant (Özel, 2001; Keser, 2002). The climate of the research area is appropriate for tourism, except for the months with a high number of snow days.

**Vegetation Characteristics:** Due to the climate of the area, the vegetation has the characteristics of the Mediterranean, Black Sea and Central Anatolia. The vegetation around Kütahya can be grouped as semi-humid and dry forests and Mediterranean scrubs and steppes (Dönmez, 1972). 52.97% of its area is covered with forests (611,592.000ha) and is considerably above the Turkish average of 27.22% (Ministry of Forestry web site, 2007). Among the natural conservation areas are the Vakif Çamlıği-Trust Pine Grove (Tavşanlı), Kaşalı (Domanıç), Yellice Mountain, Gümüş Mountain, Şaphane Mountain, Murat Mountain, Türkmen Mountain, Simav Mountain, Eğriğöz Mountain and Başkomutan Tarihi Milli Park-Chief Commander Historical National Park.

In terms of vegetation types, the area is rich in endemic species, as it is a transition point between the Mediterranean, Iran-Turan and Europe-Siberia phytogeographic areas (Tatlı-Tel, 2000). Most of these types have medical and economic value, and known to the inhabitants for thousands of years. In botany, the word “endemic”- in Latin Endemosis (=Native) - means very rare, local species belonging to a specific country or a region (Akman, 1993). Within the borders of Kütahya, there are 282 endemic species belonging to 40 families. (Tatlı-Tel, 2000) 11 grow in Kütahya, which is the only place in the world where they grow and 48 are also spread throughout the Aegean Region. The place with the most endemic vegetation is Murat Mountain with 114 species, three of which only exist there. Also, Eğriğöz, Şaphane and Domanıç Mountains are rich in endemic vegetation. The forest known as Taşvankı Vakif Çamlığı (Trust Pine Grove) has 12.4% endemic vegetation. The area stands out as the only place hosting the endangered Pyramidal Black Pine (Pinus nigra ssp. Pallassiana var. Pyramidata) (Yücel, 1994). Furthermore, another endemic variety of Ebe Pine (Pinus nigra ssp. Pallassiana var. Şeneriana) exists there as well. Thus, a unique ecosystem prevails in the area (Küçükkaraca-Tatlı, 1999) which is 45km to the centre of Kütahya and 30km to Taşvankı, and was declared as a Natural Conservation Area in 1988.

The research area is really rich in monumental trees. A monumental tree is supposed to “exceed the ordinary age, size and height of its kind; have a special place in the history, culture and folklore of the area and have a natural lifespan to provide communication between the past and the future” (Asan, 1991; Anonymous, 1998). Within the borders of Kütahya exists 127 monumental trees, 59 of which are Sycamore. The ages of these trees change as follows: Sycamores (100), Black Pine (300-600), Oak (400-800), Juniper (550-1000) and Chestnut (700-1000). These are found in the Eğriğöz Mountain-Sarialan Plain, Simav-Korucuk Plain, Taşvankı, Domanıç and Türkmen Mountains (Tatlı et al., 1999; Kütahya Valiliği, 2002). One of them, with specific historical importance for the country, as well as its mystic and folkloric significance, is “Mizik Pine”. According to the tradition, Mizik Pine is the tree on which Hayme Ana, the grandmother of Osman Bey (founder of the Ottoman Empire) used to hang his baby swing and sing him lullabies (Asan, 1999). It is found in the Domur village of Domanıç, with its 11m height and 155 diameter. It was a Black Pine that was blown down by a strong storm on October 26, 1988 (Pinus nigra Arn.), which had lived from 1109 to 1977, when it dried at the age of 870 (Tayhan, 1999).
Wildlife: The research area is rich in wildlife thanks to the vast forests. Wolves, jackals, fox, deer, bears, wild pigs, rabbits and hares, badgers, Erinaceous, wild ducks, sandpipers, quails and partridges are the ones which are known to exist. Moreover, there are carb, mullet, trout and cat fish in the dams and lakes in the province (Kütahya Valiliği, 2005). It is permanently forbidden to hunt in Türkmen Mountain, Domanıç Forests and Şaplane Mountain, which allows there to be rich wild life in vast forests. There are Conservation and Breeding Areas for Wildlife and Game Animals in the province; these are the Tavşanlı-Çatak, Gediz-Murat Mountain and Türkmen Mountain-Sabuncupınar deer breeding farms (Kütahya Valiliği, 2006). Murat Mountain, Türkmen Mountain and ALTİNTAŞ Plain are among the Important Bird Sanctuaries (ÖKA) of Turkey. Within them are vulture species: at least 2 couples of Black Vulture (Aegypius monachus), 2 couples of Golden Eagle (Aquila chrysaetos) and 1 couple of Lammergeier (Gypaetus barbatus) are in Murat Mountain. At least 40 individuals of Great Bustard (Otis tarda), known as the largest bird flying over ALTİNTAŞ Plain, are capable of breeding today. This plain is the last breeding area for this bird, and thus was declared as a conservation area in 1993. Besides the conservation precautions, the number of this bird has increased through the efforts of the villagers, who cultivate the seeds it prefers. It is also known that in Türkmen Mountain at least 5 couples of Black Stork (Ciconia nigra), 22 couples of Black Vulture, 2 couples of Imperial Eagle (Aquila heliaca), 1 couple of Lesser Spotted Eagle (Aquila pomarina) and 5 couples of Booted Eagle (Hieraaetus pennatus) still continue breeding (Yarar-Magnin, 1997; www.sifiryokolus.org). The largest known population of Black Vulture lives there. In addition, it is estimated that in Türkmen Mountain, where human intrusion is very little, Honey Buzzard (Pernis apivorus), Griffon Vulture (Gyps fulvus), Short-toed Eagle (Circaetus gallicus), Sparrowhawk (Accipiter nisus), Buzzard (Buteo buteo) and Peregrine (Falco peregrinus) species also carry on breeding (Yarar-Magnin, 1997). Türkmen Mountain is a Natural Wildlife Conservation Area and an Archaeological Site. According to ÖKA criteria, among the bird species observed in the research area, Great Bustard, Black Vulture and Imperial Eagle are considered to be endangered around the world (A1), and the others are considered to be high priority in preservation across Europe (B2) (Kızıroğlu, 1989; Yarar-Magnin, 1997; www.sifiryokolus.org).

The Characteristics of the Cultural Environment

Historical Development of the City: The city, with its seven thousand year history, is said in ancient sources to be the birth place of Aesop. It is known from the coins found in archaeological excavations that the name of the city in antiquity was “Kotiaion”; meaning the city of Kotys. According to the archaeological findings, the first settlements in the city date back to the first ages with the arrival of the Hittites. In the late 12th century BC, Phrygians came and wiped them out and dominated over the area. In 676 BC, the Kimmers dominated over the city after defeating the Phrygian King Midas III. During the reign of Alyattes, king of Lydia, the city fell to Lydians who demolished the Kimmer dominion. The Lydian rule lasted until the Persian occupation of Anatolia. After them, Alexander the Great ruled the area beginning in 334 BC. The area became a province of the Roman Empire in 133 BC after having been ruled by the Bitinia Kingdom (278 BC) and then by the Bergama Kingdom. The city functioned as a base for the patriarchate in this period and retained its importance through Byzantine times. The city then fell to the Anatolian Seljuks in 1078 and when they were destroyed in 1277, it began to be ruled by the Germiyanoğlu. After the death of the last Germiyanoğlu Ruler, Yakup II, the city was occupied by the Greeks. However, it later became the city where the foundation of the Turkish Republic was laid, as a result of the Final Assault victory starting on August 26th and ending on August 30th, 1922. Supreme Commander Mustafa Kemal ATATÜRK’s base was in Kütahya-Zafertepe-Çalköy (Kütahya Belediyesi, 1981-1982).

Cultural Monuments: (bold) There are 188 archaeological sites, 2 urban sites, 2 historical sites, 19 archaeological and natural sites, 2 historical and urban sites, 3 historical and archaeological sites, 994 cultural and natural assets in one-building-scale in Kutahya, which has a rich cultural heritage.
Monuments of the **Age of Antiquity**: In the city centre and its towns, there are numerous ruins and relics dating back to the Chalcolithic period (5500-3500 BC). Water arches, bridges, tombs, monumental inscriptions, city walls, castles, temples and barrows can be seen in open areas. In addition, many more archaeological **artifacts** are displayed in museums.

**Phrygian Valley**: In this valley, at the 26th km of the Kütahya-Eskişehir highway, there are ancient settlements **formed by Phrygians** in the volcanic tuffs (Figure 2-3). The valley carried on its function in various ways during the Roman and Byzantine periods and can be analysed in two sections. In the north, around Sabuncupınar, Söğüt, Inli and Fındık villages, the first section is composed of 2 churches in caves with frescoe decorated **walls**. The second section is in the north around Övacık village, with its tombs, churches, secret passages and **cave galleries** (Kütahya Vailliği, 2005).

**Aizanoi Ancient City**: This is an ancient Roman city founded along the banks of Bedir Creek in Çavdarhisar, 5km southwest of Kütahya (Figure 4-5). It is a contemporary of the ancient cities of Ephesus, Bergama and Side, with the first exchange market in the world and the most solid Zeus Temple (İktisadi Araştırmalar Vakfı, 2006).

**Kütahya Castle**: It was built in Roman times and used by Byzantines, Seljuks, the Germiyan Sultanate and Ottomans. The castle and its vicinity are thought to be the places where modern Kütahya was first built (İktisadi Araştırmalar Vakfı, 2006).

**Seljuk, Germiyanolu and Ottoman Relics**: The historical remains, mosques, small mosques, medressahs, social complexes, inns, bazaars and hamams are mostly of the Ottoman period. They are well-preserved and still carry on their functions.

**Traces of the Republic Period**: These are generally the restored and rehabilitated 17th and 18th century structures still used as touristic attractions, such as museums or national parks; among which are the Kütahya Kossuth Museum, Dumlupınar Atatürk House, Çinili Mosque and Chief Commander Historical National Park. Besides the Kütahya Archeological Museum and Kütahya China Museum, the restored unique 18th century Kütahya houses with their distinct architecture shed light on the history of Kütahya Germiyan Street.

**Evaluation of the Ecotourism Potential**

**Tableland Tourism**: The area is generally of tableland characteristics, thus it is suitable for tableland tourism. The erosion surfaces on the mountain tops at different elevations have been used by the inhabitants for ages as summer resorts. 51.6% of its population still leads a rural life and retains its authentic culture. The local settlers living around the tableland in forests and mountain villages still eat home-made bread, butter, jam, dried vegetables and fruits and have a rich local cuisine. Also, distinctive local hand-made rugs, carpets, and embroidery and many other folkloric attractions contribute a lot to tableland tourism. Besides Domanıç, Gediz-Murat Mountain, Simav-Gölcük, Emet and Aslanapa tablelands, the ones around the city centre are also suitable for tableland tourism.

**Botanic Tourism (Plant Observation)**: Found only in Turkey in the world and with their largest dispersion area in the Tavşanlı-Trust Pine Grove, the endemic Pyramidal Black Pine and Ebe Pine have the potential to be some of the favourites of botanic fans all over the world (Figure 6-7). Moreover, with their 114 endemic plant species, Murat Mountain, Eğrigöz, Domanıç and Şaphane forests are very important plant-observation areas worth researching. In addition, numerous gigantic monumental trees, which not only for the local inhabitants but also for the country’s past, have mystical and folkloric value and could be precious stations for plant enthusiasts.

**Ornithology (Bird Watching)**: With Altıntaş being the last breeding plain for Great Bustard in western Anatolia; Türkmen Mountain having the largest Black Vulture population in Turkey and also Black Stork and Imperial Eagle; and Murat Mountain with its populations of Booted Eagle, Black Vulture, Golden Eagle and Lammergeier (all endangered species), make the area a **major candidate for** ornithology places in Turkey (Figure 8-9, 10-11).
Nature Walks: The area has splendid trails for nature walkers with its mountains, tablelands, hot and fresh water springs, rivers, rich fauna and flora, along with its various landscapes like valleys and chimney rocks. Murat Mountain, Eğrigöz Mountain, Akdağ, Simav Mountain, Türkmen Mountain, Domaniç and Tavşanlı forests and Phrygian Valley are all appropriate for day or long term visits because of their camping facilities.

Horseback Riding in Nature: Kütahya, Simav, Gediz Tavşanlı, Örencik, Altıntaş, Köprüören, the Aslanapı Plains, and the flat terrains in the forests are appropriate for exploration on horseback. In particular, horseback riding in the Phrygian Valley (Figure 3), where visitors can experience Phrygian traces on chimney rocks, caves and forests, could be an unforgettable experience for nature lovers.

Mountaineering and Climbing: The mountains in the area have steep gorges and valleys, mostly formed thanks to faulting on limestone. Simav, Akdağ and Eğrigöz Mountains especially have topographic slopes suitable for mountaineering and climbing.

Bike Tours: Murat, Türkmen and Eğrigöz Mountains in particular, but also all the other mountains in the area, have mountain-bike trails with various levels of difficulty, offering unique natural beauty and plenty of oxygen to bike enthusiasts.

Photo-safari: With their interesting landscapes, Murat Mountain, Türkmen Mountain (only up to a certain elevation in order not to disturb the wild birds of prey), Eğrigöz Mountain, Şaphane Mountain, the places around Domaniç and Simav, and the Phrygian Valley with its rich fauna and flora, are all appropriate areas for photo-safaris.

River Sports: The rivers of the area normally do not have strong currents; however, during periods when the neighbouring rivers strengthen in current, the foot of some mountains present a potential for rafting. It is in fact possible, through the efforts of relevant offices, to form rafting treks that will complement other activities such as tableland tourism. The Porsuk Stream is particularly suitable for canoeing with its valley and current characteristics (Figure 2).

Angling: At first glance, this activity might not fit in with tableland tourism; however, it is an activity that does not damage the natural resources in the area thanks to specially-bred fish for this purpose. It can also complement the other touristic activities. The Porsuk and Enne Dam Lakes, as well as many others in the area, are suitable for angling with their specially-bred fish.

Conclusion and Suggestions

1. It has been observed that the area in question has a high potential for ecotourism because of its natural characteristics. Among the important geomorphological characteristics of the area that could be useful for ecotourism activities, are its mountains and tablelands with their rich fauna and flora; unspoiled ecosystems and the strait river valleys with their large bottoms and their distinctive relief patterns in the tuffs. Besides it being suitable for various water sports, with its valleys and current characteristics, fresh water and geothermal springs give a hydraulic potential to Kütahya. The climatic conditions are favourable all year round except in December, January and February when the floor is covered with snow for days. The natural advantages of the area in terms of ecotourism are the endemic Pyramidal Black Pine and Ebe Pine forests and two important birds, the Great Bustard and Black Vulture, whose numbers have diminished considerably around the world. In this regard, the most suitable activities for ecotourism in the area are suggested to be botany and ornithology. In terms of ornithology, the Great Bustard breeding area (Altıntaş Plain), Black Vulture breeding area (Türkmen Mountain) and the home of many other birds of prey (Murat Mountain) are suggested to be appropriate for ecotourism. Concerning botanic tourism, the Pyramidal Black Pine and Ebe Pine ecosystems (Tavşanlı Trust Pine Grove) and the homes of many other endemic species (Murat Mountain, Eğrigöz Mountain, Domaniç and Şaphane Forests) are recommended. Also, the Phrygian Valley and Aizanoi Ancient City, where the cultural heritages from distant past ages are side by side with their natural ecosystems, are appropriate for almost all types of ecotourism activities - mainly for nature walking.
2. The area in question, half of whose inhabitants are still rural settlers, hosts a rich cultural heritage dating back to the Chalcolithic Period with its authentic culture and distinctive folkloric characteristics. It is thought that the rich cuisine, hand-crafts with distinctive motives, embroideries and authentic lives of the locals living on the tablelands are sufficient to satisfy the cultural and gastronomic interests of the visitors. The plain of Gediz-Murat Mountain, Simav-Gölçük Plain, Domaniç and the Emet and Aslanapa Plains are considered to be valuable for tableland tourism in the area. While the area is thought to be especially promotable for botany, ornithology and tableland tourism activities, it is suitable for nature-based tourism as a whole, as described in the above details.

Figure 2-3. Porsuk Stream and Phrygian Valley

Figure 4-5. Aizanoi ancient city
Figure 6-7. Endemic variety Pyramidal Black Pine (*Pinus nigra* ssp. *Pallasiana* var. *Pyramidata*) and Ebe Pine (*Pinus nigra* ssp. *Pallasiana* var. *Șeneriana*)

Figure 8-9. Great Bustard (*Otis tarda*)

Figure 10-11. Black Vulture (*Aegypius monachus*)

References


