

## **RESOLUTION ResDip (2008) 1**

### **ON THE REGULATIONS FOR THE EUROPEAN DIPLOMA OF PROTECTED AREAS**

*(Adopted by the Committee of Ministers on 20 February 2008  
at the 1018<sup>th</sup> meeting of the Ministers' Deputies)*

#### **APPENDIX 5**

### **ANNUAL REPORT FOR 2013**

*Annual reports should describe the changes that have taken place since the previous year in dynamic terms of management and function and not be limited to basic data. They should not, without justification, exceed six pages. The report of the year preceding the one in which the validity of the European Diploma of Protected Areas is to be renewed should be more detailed. Any new text or map introducing a change in the situation of the area should be attached to the annual report.*

State: TURKIYE

Name of the area: Kuşçenneti National Park (Birdparadise National Park)

#### **Central authority concerned:**

Name: General Directorate of Nature Conservation & National Parks

General Director: Ahmet ÖZYANIK

Dr. Burcu BURSALI Biologist

Dr. Selim ERDOĞAN Geological Engineer

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#### **Authority responsible for its management:**

Name: Regional Directorate of Forest & Water Affairs (Mrs. Ferrah ÇAKIR)

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## **I. GENERAL INFORMATION**

### **1. Natural heritage (general abiotic description: geomorphology, geology and hydrogeology, habitats, flora, fauna, landscape) – Conservation situation**

Geological-geomorphological structure of the national park was given in details in our previous reports. Water management plan which was approved in 16.06.2011 is still in progress. Water management plan will be in process between year 2011-2015.

#### **1.1. Environment: changes or deterioration in the environment, of natural or anthropic origin, accidental or permanent, actual or anticipated**

2013 (October 2012 – September 2013) went on having wet period characteristics like the year 2012. Heavy precipitations and snow gave rise to high water levels. However the upstream Manyas Dam collected enough water to prevent floods. Water level rised to its maximum levels and even in the driest months (July, August), water discharge became necessary. No other important event happened during 2013 period.

#### **1.2. Flora and vegetation: changes in the plant population and in the vegetational cover: presumed causes**

No major change has been observed.

#### **1.3. Fauna: changes in the sedentary or migratory populations; congregating and breeding places**

Inventory documentation of bird population will be sent in 15 days

## **2. Cultural heritage and socio-economic context**

### **2.1. Cultural heritage**

#### **2.1.1 Changes concerning cultural heritage**

Archaeological excavations continued during all summer period. Some new foundations and pavements have been outcropped. Excavations are being undertaken by Assoc. Prof. Dr. Kaan Iren.

### **2.2 Socio-economic context**

#### **2.2.1 Changes concerning the socio-economic contex.**

No significant change in socio-economic context occurred since 2012's report. Fish stocks are in its best degree and this improvement yielded to the satisfaction of the fishermen.

### 3. Education and scientific interest

#### 3.1. Visitors — Information policy

3.1.1 Arrangements for receiving and informing the public (building, booklets, maps, cards, etc.)

New information instruments (brochures, stickers, booklets, t-shirts and posters) are published. All of these materials are being distributed to the visitors.

#### 3.1.2 Frequentation by visitors and behaviour (number, distribution in time and space)

The number and distribution of visitors are given in Annex 2 to this report.

#### 3.1.3 Special visits (distinguished persons, groups, etc.)

### 3.2. Scientific research

3.2.1 Current or completed research (observation, experimentation, identification or inventory of the species listed in the appendices to the Bern Convention...)

Regular periodical hydrochemical sampling and monitoring studies are going on. Beside this, ornithological surveys and bird census programs are being undertaken by Bird Research Society on behalf of the Ministry of Forestry and Water Affairs.

Date of the research permission	Name of Research	University
06.03.2013	Systematics, Distribution and Genetic Differences of Gliridae (Mammalia: Rodentia) Family species in Turkey.	Ankara Üniversitesi Fen Fakültesi Biyoloji Bölümü Prof. Dr.Ercüment ÇOLAK Tlf:0312 2126720 Teoman Kankılıç Niğde Ün. Tlf:0388 2252072/4056
06.03.2013	Investigation of Plant Source materials encouraging collagen biosynthesis : Development of Cosmetic, Dermatologic, and Skin Care Product.	Ortadoğ Teknik Üniversitesi Fen-Edebiyat Fakültesi Kimya Bölümü Doç. Dr. Nursen ÇORUH Tlf:03122105139 Prof.Dr. Musa DOĞAN Tlf:05334168286
01.03.2013	Investigation of Plant Source materials	Ankara Üniversitesi Prof. Dr. Ercüment ÇOLAK

	encouraging collagen biosynthesis : Development of Cosmetic, Dermatologic, and Skin Care Product.	
15.02.2013	Improvement of Desertification and Erosion indicator monitoring System in Turkey	Ankara Üniversitesi Ziraat Fakültesi Toprak Bilimi ve Bitki Besleme Bölümü Prof. Dr. Günay ERPUL Tlf:03125961796
11.02.2013	Improvement of Desertification and Erosion indicator monitoring System in Turkey .	Ankara Üniversitesi Ziraat Fakültesi Toprak Bilimi ve Bitki Besleme Bölümü Prof. Dr. Günay ERPUL Tlf:03125961796
12.03.2013	Systematic revision of Festuca L. and Bromus L. (Poaceae) Species Found in Turkey	Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi Biyoloji Bölümü Prof. Dr. Musa DOĞAN
12.03.2013	Systematic revision of Family Apocynaceae Juss. (Sin.: Asclepiadaceae Borkh) Borkh Distributed in Turkey.	Bitlis Eren Üniversitesi, Mühendislik Mimarlık Fakültesi Çevre Mühendisliği Bölümü Öğretim Üyesi Yrd. Doç. Dr. Şükrü HAYTA Tlf:04342283377/239
15.03.2013	Determination, research and conservation of some forest songbirds under the scope of the protection of national genetic resources.	Mehmet Akif Ersoy Ün. Fen-Edebiyat Fakültesi Biyoloji Bölümü Doç.Dr. Tamer ALBAYRAK BURDUR
15.03.2013	Systematic revision of. Leontodontinae Subtribus Distributed in Turkey.	Tunceli Üniversitesi Tunceli Meslek Yüksekokulu Yrd. Doç. Dr. Ebru YÜCE Tlf:0428 2131794/1149 ebruyucee@hotmail.com
19.03.2013	Investigation of Squalis Bonaparte 1857 (Teleostei:Cyprinidae) of Turkey (Aves: Passeriformes) by Using Molecular methods.	Cumhuriyet Üniversitesi Fen Fakültesi Biyoloji Bölümü Öğretim Üyesi Araş.Gör. Dr. Efkân BAĞDA

		Tlf:0346 2191010/2167 efkanbagda@hotmail.com
15.03.2013	Determination of phylogenetic relationships of Turkey Passer Species (Aves: Passeriformes) by using molecular markers.	Niğde Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Öğretim Üyesi Yrd. Doç.Dr. Fulya SAYGILI Tlf: 0388 2254085 fsaygili@nigde.edu.tr
03.04.2013	Ice-Shelter hypotheses and biogeographical Importance of Anatolia. Filocographic Research on the Plants, Birds and Mammals	Hacettepe Üniversitesi Fen Fakültesi Biyoloji Bölümü Arş.Gör.Dr. Utku PERKTAŞ, Arş.Gör.Dr.Çağatay TAVŞANOĞLU Arş.Gör.Dr.Bari ÖZDOĞR Tlf:0312 2977393 perktas@hacettepe.edu.tr
01.04.2013	Culex pipiens Mosquitoes and West Nile Virus in West part of Turkey and Greece	Recep Tayyip Erdoğan Ün. Fen-Edebiyat Fakültesi Biyoloji Bölümü Yrd. Doç. Dr. M. Mustafa AKINER
09.04.2013	Determination of Type of Structure of Evylaeus Robertson Population of the North Anatolian.	Hacettepe Üniversitesi Fen Fakültesi Biyoloji Bölümü Uygulamalı Biyoloji A.bilim Dalı Arş. Gör. Dr. Fatih DİKMEN Fax:0312 2992028 dikmen@hacettepe.edu.tr
09.04.2013	Identification of <i>Sapro xylic</i> (Coleoptera) insecta fauna in old oak and beech in Kaz Mountains and Kapıdağ Island.	Balıkesir Üniv. Fen-Edebiyat Fakültesi Biyoloji Bölümü Yrd. Doç. Dr. Sakin Vural VARLI Tlf: 0266 6121000(1003)
25.04.2013	Taxonomic status and distribution of Sciurus Linnaeus, (Mammalia: Rodentia Species " 1758) In Turkey	Ahi Evran Üniv. Eğitim Fakültesi İlköğretim Bölümü Fen Bilgisi Öğretmenliği Doç. Dr. Şakir Önder ÖZKURT Tlf: 0386 2134339 Onderozkurt64@gmail.com
20.05.2013	Ringling of stork (Ciconia ciconia) nestling.	Ege Üniv. Tabiat Tarihi Uygulama ve Araştırma Merkezi Öğretim Üyesi Prof. Dr. Mehmet SIKI

28.05.2013	Morphological, molecular, cytogenetic and palynological revision of genus <i>Crepis</i> L. (Asteraceae) in Turkey.	Erciyes Üniversitesi Fen Fakültesi, Biyoloji Botanik Anabilim Dalı Doç. Dr. Cem VURAL Tlf:0352 4374933 vuralc@erciyes.edu.tr
05.06.2013	Morphometric variations of <i>Alburnoides bipunctatus</i> ve <i>Rhodeus amarus</i> populations distributed in the Black Sea and the Aegean basins.	Ankara Üniv. Fen Fak. Biyoloji Bölümü Yrd. Doç Dr. Saniye Cevher ÖZEREN scozeren@edu.tr
10.06.2013	Taxonomic status and distribution of species <i>Sciurus Linnaeus</i> , 1758 (Mammalia: Rodentia) In Turkey	Ahi Evran Üniversitesi Eğitim Fakültesi, İlköğretim Bölümü, Fen Bilgisi Öğretmenliği Anabilim Dalı öğretim üyesi Doç. Dr. Şakir Önder ÖZKURT
18.06.2013	Morphological, Anatomical, Cytogenetic and Molecular Characterization of Turkey <i>Crepis</i> L. (Asteraceae) taxa.	Karadeniz Teknik Üniversitesi Fen Fakültesi Biyoloji Bölümü Prof. Dr. Hüseyin İNCEER  Tlf: 0535 2921817
20.06.2013	Investigation of <i>Epilobium</i> L. (Onagracea ACE) taxa according to Biosystematic Aspects.	Recep Tayyip Erdoğan Üniversitesi, Fen edebiyat Fakültesi. Biyoloji Bölümü Doç. Dr. Serdar MAKBUL Tlf: 0464 2236126/1829
20.06.2013	Analysis of Mitochondrial DNA belonging to the genus (Mammalia: Rodentia) Northern Anatolia and Trakya (Cytochrome b and Control Region) .	Ankara Üniversitesi, Fen Fakültesi. Biyoloji Bölümü Prof. Dr. Ercüment ÇOLAK Tlf: 0312 212 6720/ 1546
08.07.2013	Systematics, distribution and genetic differences of Glirida (Mammalia: Rodentia) species Turkey and the Balkan Peninsula.	Ankara Üniversitesi, Fen Fakültesi. Biyoloji Bölümü Prof. Dr. Ercüment ÇOLAK Tlf: 0312 212 6720/ 1080
08.07.2013	Investigation of Nannosplax of Turkey's (Mammalia: Rodentia) Seismic Communication Features .	Bülent Ecevit Üniv. Fen- Edebiyat Fakültesi Biyoloji Bölümü Öğretim Üyesi Arş. Gör. Faruk ÇOLAK Tlf: 0372 2574010/1793 farukcolak@gmail.com
24.07.2013	Overview to problem of feral dog (Canis	Ege Ormancılık Araştırma Enstitüsü Uzman Muhammet

	familiaris) in forest areas and proposed solutions	KILCI hizal@istanbu.edu.tr
01.08.2013	Overview to problem of feral dog (Canis familiaris) in forest areas and proposed solutions	Ege Ormancılık Araştırma Enstitüsü Dr. İsmail ŞAFAK hizal@istanbu.edu.tr
16.08.2013	Determination and Comparison of Natural flower, pollen, fruit and seed Surface Characteristics of Orchids (Orchidaceae) taxa of Canakkale Province with SEM (Scanning Electron Microscope)	Çanakkale 18 Mart Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Prof. Dr. Ahmet GÖNÜZ Tlf: 05333367711
02.09.2013	Determination of Distribution Model of Lichen species and their Mass along the tree.	İstanbul Üniv. Doç. Dr. Orhan SEVGİ
03.09.2013	Lichen Flora of Kaz Mountain (Balıkesir and Çanakkale.	Uludağ Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Arş. Gör. Dr. Seyhan ORAN ozturks@uludag.edu.tr
03.09.2013	Investigation of Turkey Chaerophyll L. Genus (Apiaceae) morphologically, palynologically and molecular Phylogeneticly.	Sakarya Üniversitesi Biyoloji Bölümü Yrd. Doç. Dr. Mehmet SAĞIROĞLU Tlf:532 7449684
06.11.2013	Location Area of GBS (Genotyping Determination of Genetic Diversity of Natural Chestnut (Castanea sativa Mill.) Populations by Sequencing) Technic in western Anatolia	Ege Ormancılık Araştırma Enstitüsü Müdürlüğü Zeynep Gülçin ALTUN Tlf: 0232 7663496 zeygual@hotmail.com

### 3.2.2 Scientific publications

## 4. Site description (vulnerability, protection status, ownership, documentation)

### 4.1. Changes in legislation or regulations

No significant change in legislative or institutional structure occurred since 2010.

### 4.2. Changes in ownership title (conversion to public property, rentings, etc.)

No significant change in ownership occurred since 2010

### 4.3. Extension or transfer, new uses (for example, conversion into total reserve)

No significant change in boundaries occurred since 2010

## 5. Site management (management plans, budget and personnel)

### 5.1. Improvements made

#### 5.1.1 Ecological action affecting the flora and biotopes; controls of fauna

No significant change.

5.1.2 Protection against the elements (fire, water, regime)

5.1.3 Approaches and thoroughfares (paths, roads, car parks, signposting, fencing, etc.)

5.1.4 Field equipment (hides and study facilities)

No major change occurred in 2013 period.

## **5.2. Management**

5.2.1 Administrative department: Changes made

This year management plan of the Manyas Kuş Cenneti National Park was completed. Opinions of the other institutions which are responsible from the area gathering for the last version of Management Plan.

5.2.2 Wardens' department: changes made

No major change occurred in 2013 period

5.2.3 Internal policing measures

No major change occurred in 2013 period

5.2.4 Infringement of regulations and damage; legal action

No significant change in legislative or institutional structure occurred since 2010.

## **II. INFLUENCE OF THE AWARD OF THE EUROPEAN DIPLOMA OF PROTECTED AREAS**

The European Diploma is still a source of motivation for stakeholders. Not only the institutions whose responsibility is protecting the area but also the investment side is using this title as a tool. They work closely with the Park administration and support conservation activities.

## **III. CONDITIONS AND/OR RECOMMENDATIONS FOR AWARD OR RENEWAL**

A regular observation program for the Lake (including recharging hydraulic elements) hydrochemistry was initiated in summer 2008. The program continues without a problem.

Following the activation of the Manyas Dam the hydrological conditions became more healthy. The harmful effects of the wet 2013 season could be prevented by use of the dam.

The Lake Manyas (Kuş) Management Plan is being implemented properly.



## ANNEX 2

### BIRD PARADISE NATIONAL PARK NUMBER OF VISITORS for 2013

Month	Number of Visitors	
	Turkish	Foreigner
JANUARY	445	0
FEBRUARY	789	2
MARCH	1161	33
APRIL	2629	29
MAY	3807	99
JUNE	4025	37
JULY	3803	54
AUGUST	7489	208
SEPTEMBER	3401	70
OCTOBER	2306	98
NOVEMBER		
DECEMBER	29855	630
<b>TOTAL</b>	30485	