Activity Report of Turkey 2012-2014

Özge Balkız, Hilary J. Welch and Evrim Karaçetin

DOGA CONSERVA MERKEZI NATURE CONSERVATION CENTRE



Developing a basis for the active conservation of Turkey's Butterflies Project – End Products

- Conservation Strategy published
- Priority threats and field of action identified.
- Strategy and appendices available online (Turkish and English) <u>www.dkm.org.tr</u>



Priority Threats

1. Residential and commercial development

Urbanisation, commercial and industrial areas, tourism ve recreation areas

- 2. Agriculture Intensification of agricultural practices, overgrazing
- 3. Energy production and mining *Mining and quarrying*
- 4. Transportation and service corridors *Roads*
- 5. Natural system modification Dams and hydro electric power plants, adandonement of agricultural areas
- 6. Pollution







Conservation Actions Proposed

Priority conservation categories and actions

action #	Conservation action category	
31	Law and policy	
19	Information and research	
16	Education and awareness	
14	Livelihood, economic and other incentives	
5	External capacity building	
3	Land protection	
4	Land management	
3	Species management	
95	Total Actions	

Developing a basis for the active conservation of Turkey's Butterflies Project – End Products



Lebanese silver-line (Apharitis acamas)

Southeast Anatolia



Square code & central coordinates DB02 37°55′41.88 E, 37°15′54.72 N

Altitudinal range of records 400–1,200 m

Number of priority species

PBA no.	Name
GD01	Halfeti

Province (District) Şanlıurfa (Halfeti) : Gaziantep (Nizip)

Priority species	Endemicity		Turkish red list status					Natura 2000
	Endemic	Near End	CR	EN	VU	NT	DD	
Archon apollinus								
Apharitis cilissa		2						
Spialia osthelderi								

Researching Biodiversity Friendly Agricultural Techniques in the Olive Groves of the Kaz Mountains

 Research Project linking butterfly diversity and agricultural practices

• Oliveyards of the Aegean Region

• 3 years project





Researching Biodiversity Friendly Agricultural Techniques in the Olive Groves of the Kaz Mountains

- Life Cycle Analysis (LCA) on olive production
- Biodiversity surveys on butterflies, birds and plants
- Need for exchange information with similar studies.



Researching Biodiversity Friendly Agricultural Techniques in the Olive Groves of the Kaz Mountains

Final products:

- Practices beneficial for biodiversity, esp. butterflies identified.
- Possibility for implementation to agrienvironmental schemes or other support schemes of the Ministry.



Agri-environment schemes

- Continue our technical role as biodiversity experts for identifying measures on *Otis tarda*
- Trying to come up with butterfly oriented measures.
- Need information
 on examples from
 European countries.



Agriculture Biodiversity Link

- Project carried out in partnership with Ministry of Food, Agriculture and Livestock
- Impact of direct seeding and wind shelters on biodiversity (conservation agriculture)
- Seasonal butterfly surveys









Butterfly Diversity of Selçuklu Municipality Project (2013)

- First butterfly park planned in Turkey
- Carried out regional assessment on butterfly diversity
- Came up with propositions for landscape level management of the region (semi-natural area outside the park) for butterfly conservation









KONYA SELÇUKLU BELEDIYESİ







Butterfly





Follow up of the Butterfly Smuggling Project

- Ongoing support given to the Ministry trainings
- Updating the butterfly smuggling booklet with the Ministry experts
- Following legal permit acquisation process becoming more important.





Butterfly-friendly management guidelines for foresters - Ongoing

- Target forest species identified and their distributions are determined in pilot sites,
- Conservation oriented management guidelines were produced and integrated into forest management plans,
- Monitoring of these forest areas together with forest managers were initiated.



Paging the start of characteristic production of the spectra of th

TAX THE LOCAL DAMAGE AND ADDRESS OF



Redented, for a case plantate having the set or build in prevention which between the function fraction counter or type adjustment information, source or build on a straphoneter build on the function. Full information building on displayment.

Construction of the Antice of the Antice and the Antice of the State of the Antice of the State of the Antice of the State of the Antice of th

Menominal Marine Composite Register (* Original Science English and Particle generations backs below Revealed Science Densers - Report Academ Academ Revealers (* Densers) Science Revealers (* Densers) Science (* Densers) Science Revealers (* Densers) Science (* Densers)

Report. Report for which generations added interceller and table should be more primerations conclude may contrast intercently only a large gamming on the payments.

Palatente la consta especiale del las estas constructivas properte en aporte balanciane de las especiales de la constructiva de la construcción de la constru

H. Andreas in service while it is sublimated with imaginary models on provide Condition service if the service of the balance from the later of the service of the servi

Million Anneshi apida et azerorie seguita presidente l'Internition. Plane train, il cape attituente april. Ingelido dador en plicialita (Visita) antimitato, Denso rep. Tapado ep., Tipado ep., Tipado ep., Tipado ep., Milganom et al. 11 Presidente april attituente attato dens. Secondonesculto et l'assertito disense apres par apresid.

tana (Mare conferencement on copied, Mitro application Physics annuality Degrees Marine Quetaer

H Garris (2) and a first stage process
 H Garris (2) and a first first (2) and
b) or the constraints of static times matrix (b) provide straints to static time to ever which is a straint of the straints
Department index much particular the marks are presented approximately for the hole barrier and particular interaction of the second s

⁵ GENE (MINUTE) Company assessed and added addressed to any second dynamics and addressed. These present dynamics and addresses and addresses and addresses address

¹ for finite tables to be a set of the se

Perspective

- Limited funding possibilities on species conservation in Turkey
- Need to link biodiversity conservation with management practices
- Important need to work in partnership on agricultural research!

Thank you..