

Certificate of Completion

Campus Hungary Group Study Trip

Registration number: B2/1CS/12980

Details of the students

	Name of group member (surname, first name)	Sending Institution	Subject Area
1.	Group leader: Viktor Löki	University of Debrecen	Biology (Botany)
2.	Réka Fekete	University of Debrecen	Biology (Botany)
3.	Anna Molnár	University of Debrecen	Biology (Botany)
4.	Levente Laczkó	University of Debrecen	Biology (Botany)
5.	Kristóf Süveges	University of Debrecen	Biology (Botany)
6.	Tamás Garda	University of Debrecen	Biology (Botany)
7.	Anna Vojtkó	University of Debrecen	Biology (Botany)
8.	Milán Riba	University of Debrecen	Biology (Botany)
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

Dates of the completed Group Study Trip (first and last day of activity)

First day (dd.mm.yyyy): 08.09.2014

Last Day (dd.mm.yyyy): 05.10.2014.

Title of the completed Group Study Trip: Examination of the conservational status of orchids in Western-Turkey

Working language of the completed Group Study Trip: English, german

Brief description of the Completed Group Study Trip:

Our aim was to collect data about the status of orchids in western Turkey. There are two main threatening effects for these plants in Turkey: nowadays, most of the natural habitats are in agricultural use, and from year to year, millions of orchid individuals are destroyed because of their bulbs, what are used for make a hot drink, called salep. The salep collecting takes place in the whole country, but for tribute reasons, the residents are not collecting salep in cemeteries. We measured the importance of the cemeteries as refugium areas for orchids in our previous study; we visited systematically 150 cemeteries in western Turkey, and collected informations about the available orchid species, and some variables about the environment in the cemeteries around these orchids. After this successful field trip in Western-Turkey, we collected additional data in the field: we measured 150 cemeteries in a detailed study, to collect occurrence data about the late-blossoming orchids of the area; we collected soil samples for further analyses; and finally, we collected fruit-set rate of orchids, which were already flourished, and were still available on our sampling points.

Details of the host institution/university

Name of the institution/university: Canakkale Onsekiz Mart University

Department/Faculty: Faculty of Arts and Sciences

Website: <http://www.comu.edu.tr/english/contents.php>

Address: Canakkale Onsekiz Mart Universitesi Fen Edebiyat Fakultesi: Barbaros Mh., 17020 Çanakkale

City: Canakkale

Country: Turkey

Name of contact person: Ersin Karabacak

Title: Head of the Botanical Garden, and the Herbarium Research and Application Center

E-mail: krbersin@comu.edu.tr

Phone number: (+90286) 2180018/ext. 1937

Description of skills and competences acquired during the short term study program**1. Activities/tasks carried out**

- Collected occurrence data of turkish orchids in Western and Northern Turkey from cemeteries
- Collected soil samples for further habitat analyses
- Collected fruit-set data about 31 orchid species

2. Specific professional competences acquired

- Learned to identify more than 70 turkish plant species (in the family *Orchidaceae*)
- Learned to identify orchid specimens in the right phenological status for getting fruit-set data

3. Language skills and competences acquired (if not included under 'Job-related skills and competences')**4. Computer skills and competences acquired (if not included under 'Job-related skills and competences')**

- Made several electronic database with Microsoft Excel, including the biotic and abiotic data collected in field

5. Organisational skills and competences acquired (if not included under 'Job-related skills and competences')

6. Social skills and competences acquired (if not included under 'Job-related skills and competences')

-Improved communicational skills, to find the locations of the cemeteries

7. Other skills and competences acquired

- Improved car driving skills

8. Number of awarded ECTS credits (if any):

Hereby I certify, that the above listed students has succesfully completed the described Group Study Trip.



signature of institution/university representative



signature of group leader

Signed on (date) 09/10/2014 at CANDILHOLE

Signed on (date) 2014.10.03. at Candihole

place of seal

