

Tárgytematika / Course Description

The Origin, Habitat and Conservation of our Arable Weeds

MELM_VKTA037

Tárgyfelelős neve /

Teacher's name: dr. Pinke Gyula

Félév / Semester: 2018/19/1

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 0/0/0

Tárgy féléves óraszám /

Teaching hours(sem.): 12/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

The aim of the subject is to (i) create a more positive attitude towards weeds, (ii) improve the botanical and ecological knowledge of students and (iii) provide guidelines for harmonizing the principles of agriculture and nature conservation.

TANTÁRGY TARTALMA / DESCRIPTION

The origin of weeds (domestication, secondary crops, secondary weeds, crop specialists, pioneers, homeless weeds) I.
The origin of weeds (domestication, secondary crops, secondary weeds, crop specialists, pioneers, homeless weeds) II.
The development of arable weed vegetation from the Neolithic period until the 20th century. (Prehistoric times, Roman times, Medieval times, modern history) I.
The development of arable weed vegetation from the Neolithic period until the 20th century. (Prehistoric times, Roman times, Medieval times, modern history) II.
Changes of weed vegetation in the age of modern agriculture (the causes of decline, red list species, expanding species) I.
Changes of weed vegetation in the age of modern agriculture (the causes of decline, red list species, expanding species) II.
The effect of ecological factors on weed species composition (abiotic and management variables, bio-indicators) I.
The effect of ecological factors on weed species composition (abiotic and management variables, bio-indicators) II.
Aspects and succession in arable fields (aspects and life-forms, secondary succession) I.
Aspects and succession in arable fields (aspects and life-forms, secondary succession) II.
Benefits of the weeds (ethnobotanical importance, the role of weeds in agro-ecosystems) I.
Benefits of the weeds (ethnobotanical importance, the role of weeds in agro-ecosystems) II.
Conservation possibilities (conservation headlands, extensively managed fields, flora reservations) I.
Conservation possibilities (conservation headlands, extensively managed fields, flora reservations) II.

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Elméleti anyagrészekből írásbeli vizsga.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Kötelező irodalom	Pinke Gy. – Pál R.: (2005): Gyomnövényeink eredete, termőhelye és védelme. Alexandra Kiadó
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