

Tárgytematika / Course Description

The origin, habitat and conservation of our arable weeds

M8NCMBT7122

Tárgyfelelős neve /

Teacher's name: dr. Pinke Gyula

Félév / Semester: 2017/18/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 0/0/0

Tárgy féléves óraszám /

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

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 chapters of the subject are connecting many different scientific fields, such as botany, archaeobotany, herbology, plant production, ecology, folklore and nature conservation.

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

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Az aláírás feltétele a kurzus óráin való részvétel.

Legalább 50 %-os teljesítmény 5 véletlenszerűen választott témakörből.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Pinke Gy. – Pál R.: (2005): Gyomnövényeink eredete, termőhelye és védelme. Alexandra Kiadó, Pécs, 231 p.