



SUBJECT DATASHEET

Semester:	2011/12/1
Subject:	Infraindividual biology laboratory practice
Code:	VEMKLIB132B
Responsible department:	Department of Limnology
Responsible department code:	MKLI
Responsible lecturer:	Dr. Judit Padisák

Educational objectives:

The aim of the practice is to get practical knowledge in different fields of biology. We want to pique the interest of students and support their practical mentality.

Detailed content of the subject:

1. How to prepare a herbarium 2. Microscopy 3. Plant cell 4. Study of seedlings 5. The vegetative organs of plants 6. Morphology of plants 7. Autopsy of worm 8. Autopsy of *Lumbricus terrestris* 9. Autopsy of insects 10. Study of zooplankton 11. Break 12. Autopsy of mussels 13. Microscopy 14. Cells of animals 15. Kriobiology

Requirements:

There are 6 tests during the semester. The students must reach at least 60%. Lessons are compulsory, tests can be supplied if absence is justified. At the lessons the students have to prepare a report, which must be corrected if necessary.

Required and suggested references:

Kótai István: A mikroszkóp használata, Natura Kiadó, Budapest, 1979 Boray Géza: Összehasonlító anatómiai praktikum I-II. www.hik.hu/tankonyvtar/site/books/b159/index.html Turcsányi Gábor: Mezőgazdasági növénytan