

Applied Ecology of Game

Introduction



evropský
sociální
fond v ČR



EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání
pro konkurenceschopnost

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Lecturers

Ing. Radim Plhal

doc. Ing. Jiří Kamler, Ph.D.

- Department of Forest Protection and Wildlife Management (FFWT MENDELU in Brno)
- Office phone number: +420 545 134 108
- E-mail: r.plhal@seznam.cz



Course contents

- 1. Introduction to the study of Applied ecology of game. Introduction to the organization of the subject and some terms required for successful completion. Basic definitions and concepts.
- 2. Population ecology of game. - Ecology of populations. Population system. Natural selection. Adaptation.
- 3. Population ecology of game. - Population density estimation. Scattering, migration and distribution of individuals.
- 4. Population ecology of game. - Population structure. Population growth. Sexual structure of population.
- 5. Population ecology of game. - The regulation of populations. Intraspecific competition. Interspecific interactions. Predation.
- 6. Ecological interactions of game and the environment. Sustainable game management.
- 7. Monitoring of the environment quality. Ecological stability in the context of game management.

- 8. Influence of game management for environment. Environmental compatibility. Elimination of negative consequences.
- 9. Legislation on environmental protection related to game management.
- 10. Possibilities of improving and adaptation living conditions for game. Increasing of carrying capacity. Support of hiding natural and quiet conditions for game.
- 11. Landscape fragmentation and its potential influence for the game living conditions and mitigation its options.
- 12. Anthropogenic landscape changes and their impact on game and its interaction with the environment.
- 13. The quality evaluation of environment for game.
- 14. Conclusion of study. Analysis and overall assessment of the learned knowledge and information.

Lectures by foreign expert

Ally Macaskill

- x.x.2014 - Wildlife Management and Conservation in Scotland
- x.x.2014 - Applied Ecology of Game in the Scottish Highlands
- x.x.2014 - Hunting in Scotland



Foreign expert – Ally Macaskill (Scotland – United Kingdom)

Excursion

The Jeseníky Mountains

Date: ???



or other site? ;-)

Mode of completion

- **Test** (Sufficient knowledge is gained by regular participation in seminars and study selected and recommended texts)
- **Essay** (5 pages by AEG)
- **Participations in the lectures and excursions**

- **4 credits**

A scenic landscape of rolling green hills under a cloudy sky. The hills are covered in lush green grass and some areas are in shadow. The sky is filled with large, white and grey clouds, with patches of blue visible. The overall mood is serene and natural.

Your ideas & inquiries

Thanks for your attention!