

Posudek vedoucího diplomové práce

Studijní program: **European Forestry**

Studijní obor: **European Forestry**

Akademický rok: **2015/2016**

Název práce: **Rozšíření kořenových hnilob *Heterobasidion* a *Armillaria* v jedlovém lese Vallombrosy, Itálie**

Řešitel: **Ing. László Benedek Dály**

Vedoucí práce: **prof. Dr. Ing. Libor Jankovský**

Oponent: **prof. Paolo Capretti**

	Hlediska	Stupeň hodnocení
1.	Splnění požadavků zadání	A
2.	Aktuálnost a odborná úroveň práce	A
3.	Využití znalostí získaných studiem	A
4.	Využití odborné literatury	A
5.	Vhodnost metodiky řešení	A
6.	Využití metod zpracování výsledků	A
7.	Interpretace výsledků, diskuze	A
8.	Formální úprava práce	A
9.	Přístup řešitele k řešení úkolu	A

Konkrétní připomínky a dotazy k práci:

The diploma thesis has been processed in the collaboration with the University of Florence in Vallombrosa forest, in Central Italy, and it follows previous scientific studies in this area. I very much appreciate personal activity of the author. In addition to field work he mastered also successive part in the laboratory, where the methodology on the basis of DNA to identify the pathogens has to be applied.

It was obtained results that are publishable and I suppose that the author, together with our Italian colleagues, will publish it.

In this work was confirmed the presence of *Heterobasidion abietinum* and four species of annulate *Armillaria*, with the exception of *A. borealis* if forming complete range of European *Armillaria* annulate species.

I have the following questions:

1. *A. mellea* is occurring in Central Europe almost exclusively on hardwoods, from southern Europe origin also some reports from conifers. Which kind of substrate were bound by it identified the findings of this kind, it is possible linkage to the previous generation of the forest, which had represented by hardwoods as chestnuts, beech, oaks?
2. Did author notes differences in the ecology of *A. gallica* and *A. cepistipes* on the site?
3. Have observed species of root rots serious impact on the health of trees on the site?
4. Did author observed differences in affinity of the originators root rot the living trees?
5. What other questions emerged from his diploma theses to the further research in the Vallombrosa forest?

Theses on the formal level meets requirements for the final theses, in a majority of parameters meets the demands of dissertation theses. I appreciate above all very well processed review of literature and discussion. I propose theses to the defense and I graded it as "excellent". I appreciate especially high professional level and a very high personal activity of student. I propose the thesis to awards as well.

Závěr: Diplomovou práci **doporučuji k obhajobě.**

Navrhovaná výsledná klasifikace práce: **A**

Datum: 15. 5. 2016

prof. Dr. Ing. Libor Jankovský
vedoucí práce