



University of South Bohemia
Faculty of Science

Supervisor's assessment of the performance of Milan Kotlínek during his Ph.D. study

It's a pleasure to write an assessment for Milan, who has become a member of my team in 2008. He conducted under my supervision both bachelor and master theses focusing on germination course and mycorrhizal associations of two orchid species from genus *Neottia*. Then he continued his Ph.D. in the framework of my grant project focused on factors underlying distribution of forest mycoheterotrophic species. During his Ph.D. Milan acquired knowledge on diverse research methods such as isolation and cultivation of orchid mycorrhizal fungi from orchid seedlings and roots of adult plants, *in situ* and *in vitro* germination of orchid seeds, soil analyses, and mainly molecular tools for detection of mycorrhizal fungi, evaluation of gene flow in orchid populations and use of modern molecular approaches. Milan is also rather skilled in statistical methods using various softwares. He conducted internship in the lab of prof. Leho Tedersoo in Tartu, where he learned to use NGS tools and bioinformatics. He is also an excellent botanist and he was great help in the field, as he was always twice faster and efficient than any of us.

Not to be only positive, the fact that his thesis contains 5 published papers and 1 ms. mirrors the time Milan needed to finish his PhD, which equals 9 years. I have never seen Milan being stressed from anything and sometimes I would appreciate him to make things as best as possible, not only sufficient („to give to wolf his feed and keep the goat whole”).

Whether he will continue as a professional botanist, a scientist or not, I am sure he will will be a valued member of any team.

Supervisor Assoc. Prof. Jana Jersáková
In Zábok, 21.4.2021