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Supervisor's report on MSc thesis by Tereza Vyhliďalová

“Production and periodicity in the emergence of cercariae of *Diplostomum* spp. (Digenea) from snails *Radix lagotis* (Lymnaeidae)”

Tereza's bachelor thesis focused on larval trematode communities in small planorbid snails, with her Masters she researched on a new topic related to the emergence of trematode cercariae from their first intermediate snail hosts. The project was ambitious initially involving additional experiments in elevated temperature, which were eventually not included in the thesis. Tereza planned a series of field and laboratory experiments, which were both labour and time consuming. Altogether, she performed nine experiments under various thermal and light conditions in three seasons, each conducted in three consecutive days.

It is necessary to emphasize the difficulty of such a study due to work with live animals, identification of taxonomically problematic trematode genus (*Diplostomum*) or maintaining precise experimental conditions. During this time Tereza was able to work independently in all stages of the project from planning, practical execution to final analyses and interpretation of data. I especially appreciate that she endured throughout the experimental part, although she certainly was not often far from giving up very tiring task due to lack of sleep. Specifically, this work involved a time-consuming counting of cercariae four times a day which she managed personally over the course of the study. I also appreciate here that Tereza conducted the research work enthusiastically and also appreciate her writing the master's thesis in English.

Tereza has proved a great commitment to experimental work, seeking knowledge in literature, and to describing and putting facts into context. When solving partial problems, she showed a creative thinking and gained novel and interesting results, which were submitted to an impacted journal, with Tereza being the first author. In addition, she has fulfilled her obligations beyond the framework of her duties by helping with our research in Norway over past three years. All in all, I have no substantial negative comments or objections to her work. I have enjoyed working with her and I can only hope for our future collaboration.

Miroslava Soldánová, Ph.D.

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