

Supervisor's evaluation of MSc. thesis of Tereza Flegrová

Tereza started working on the dicyemid molecular diversity and ecology topic already during her bachelor's. Then, she focused on the intra- and inter-populational relationships of a selected species (*Dicyema moschatum*) applying microsatellite markers. With the help of her BSc. supervisor Marie Drábková, Tereza successfully turned the thesis into a publication. Her work helped to better understand several unknowns of dicyemid lifecycle (such as whether they reproduce sexually, or whether multiple individuals colonise their hosts). For her master's, she decided to focus on the global (species) diversity of dicyemids. She successfully designed an amplicon protocol to amplify 18S rDNA and constructed a bioinformatic pipeline to analyse the data. Tereza also planned to take part in field collecting, already had an itinerary and equipment gathered, but unfortunately, the covid pandemics made it impossible. Nevertheless, thanks to our international collaborators' the resulting set of samples is very rich and provides a nice snapshot of dicyemid species diversity patterns.

Tereza has already started a new job in a new laboratory, where she can utilise the skills she acquired, so I wish her a successful carrier and I recommend her thesis for the defence.

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