

Supervisor's comments to PhD. thesis of Jana Veselá „Diatoms of Acadia National Park, Maine, USA, with a detailed account on taxonomy and morphology of several remarkable species.

Jana Veselá started with diatoms study in year 2003 under supervision of Dr. Josef Elster and theme of Bc. thesis was Diversity and ecology of cyanobacteria and algae in Water-supply and Algal Creek on James Ross Island, Antarctica (partly published as Kopalová, K., Veselá, J., et al. 2012 in Plant Ecology and Evolution).

Because she profited as enthusiastic diatomologist she continued in master study in John Carroll University in Jeff Johansen lab and this was first time when she was fascinated by incredible rich diatom flora from Acadia. She finished with MS. Thesis "The diatoms of Acadia National Park, Maine, with a detailed account of the Eunotiophycidae" in year 2009.

After return to our faculty we decided continue of initiated work.

During her PhD. study she was involved in wide range of other scientific activities – e.g. project of phycological education of hydrobiological students in Guatemala with particular study of Atitlan lake, she obtained two time McHenry Fellowship (2011, 2012) for several month of scientific stay in Diatom Herbarium at the Academy of Natural Sciences, Philadelphia in the lab of Dr. Marina Potapova. Her Erasmus project in the last year was realized as research stay at University of Antwerp, Belgium and National Botanic Garden of Belgium in lab of Prof. Bart Van de Vijver.

Perhaps for that amount of not exactly "Acadia related" activities our original aim – preparation of complete flora of Acadia NP as a monograph study - has not been completed. But she built a solid basis for this study in the future

Thanks of many information "channels" from which drew her knowledge during the eleven years of study of diatoms Jana became one of the most promising diatomologist of young generation in the Czech Republic. I hope that it is not the last day of our collaboration and I am looking forward to further joint projects with Jana Veselá, Ph.D.

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