



Přírodovědecká
fakulta
Faculty
of Science

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

STATEMENT OF THE BACHELOR THESIS SUPERVISOR

Name of the student: Magdalena ŠeffEROVÁ

Study program: Biological Chemistry

Department/Institute: Institute of Chemistry and Biochemistry

Thesis title: The impact of antidepressant (sertraline) on *Daphnia magna* life-history traits under different food levels

Supervisor: Mgr. Jana Zemanová

Supervisor`s affiliation: Department of Ecosystem Biology

	Point scale ¹	Points
(1) FORMAL REQUIREMENTS		
Formal and graphical quality of the thesis	0-3	3
Ability to work with literature	0-3	3
Language and stylistics	0-3	3
Formal requirements – points in total		9

(2) PRACTICAL REQUIREMENTS

Fulfillment of the aims	0-3	3
Ability to understand the results, their interpretation, and clarity of the results, discussion, and conclusions	0-3	3
Discussion quality – interpretation of results and their discussion with the literature	0-3	3
Experimental difficulty of the thesis, independence in experimental work	0-3	2
Contribution of the thesis to the knowledge in the field and the possibility to publish the results (after eventual supplementary experiments)	0-3	3

¹ Mark as: 0-unsatisfactory, 1-satisfactory, 2-average, 3-excellent.

Comments of the supervisor on the student and the thesis:

A half of year ago, Magda showed an interest in phenotypic plasticity of daphnids. Because of her Austrian bachelor thesis was dealing with sertraline, we decided to connect our fields of study to find out the effect of sertraline on daphnid life-history traits under different food levels. Despite relatively short time to manage experiment and small initial technical problems with experiment, Magda made every effort to finish successfully the experiment and submit the thesis of higher quality. Relatively simple laboratory experiment was done to respond to given questions. The whole thesis was written in clearly and easy-to-follow way with satisfactory amount of information relevant to given topic. The extant and difficulty of experiment and the thesis fully meet the requirements for the bachelor students. During our collaboration, Magda displayed big effort, hard work and self-sufficiency. Her big strength was the ability to well understand English written papers and also submitted me nice manuscripts of high English level which speed up the whole process of completion of the thesis. The bachelor thesis has the potential to be published because of dealing with currently often discussed problems with the potential impact of pharmaceuticals on aquatic organisms. It was my pleasure to collaborate with Magdalena on her bachelor thesis.

Conclusion:

**In conclusion, I
r e c o m m e n d .**

In České Budějovice

date 19. 6. 2017

