

# CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

Faculty of Tropical AgriSciences

## Evaluation of the Diploma Thesis by supervisor

Thesis Title **The Survey of Zoonotic Aspects of Some Parasitic Diseases in the Czech Republic**

Name of the student **B.Sc. Shavkat Azimov**

Thesis supervisor **prof. MVDr. Daniela Lukešová, CSc.**

Department **Department of Animal Science and Food Processing**

Cooperation and communication with the supervisor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule and timing of the research process	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engagement of the student	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Choice of suitable methods	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fulfilment of the aims	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scientific contribution of the thesis	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Theoretical background of the author	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handling with data and information	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Handling with scientific literature (citations)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Argumentation and critical thinking	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Abstract and keywords	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structure of the chapters and paragraphs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comprehensibility of the text	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accuracy of the terminology	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Quality of scientific language	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Formatting, layout and general impression	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Evaluation of the work by grade (1, 2, 3, 4)				<b>3</b>

Evaluation: 1 = the best

Date 05/29/2017

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Supervisor signature

**Other comments or suggestions:**

The aim of the diploma thesis was to observe the epidemiology of two zoonoses: cysticercosis of cattle and taeniosis of humans, as well as alveolar echinococcosis of foxes and human echinococcosis in the conditions of the Czech Republic and EU countries.

In the experimental section, the student Azimov was allowed to participate in the survey and to monitor cattle cysticercosis in slaughterhouses (October 2016), when the cystic eradication findings were not recorded, only in one case the suspected material was delivered to the regional SVÚ in ČR to perform a laboratory analysis with a negative finding. From the hygienic service at the slaughterhouse, with the consent of the owner of this private local slaughterhouse, data were obtained to further assess the prevalence of cysticercosis in a longer period of time.

Student Shavkat Azimov continued in the processing and evaluation of autopsy findings in foxes on another regional SVÚ in ČR. The samples were obtained from the autopsy during a limited monitoring period (2016/2017 winter period – fox hunting). For comparison, the data from the previous years were also gained from the SVS ČR, due to post-vaccination monitoring of foxes (after eradication of rabies in ČR), than was possible to start with diagnostic procedures focused on alveolar echinococcosis. However, for the high cost of this fox monitoring, it was not followed up and further data in veterinary protocols were not available. The biological life cycle was therefore supplemented by a statistical evaluation of human echinococcosis (obtained from a giant ECDC database in EU from a geographic point of view) and all data were statistically analyzed and compared.

The BSc. Azimov graduated at the University of Tashkent and was very well focused on the subject. In a literature review, he probably did not keep the rules himself (work with the scientific text and not only to overwrite the text from the literature source and add the authors...). In the instructions everything was communicated to the student and he acknowledged himself. Likewise, he will learn how to work with EndNote, how to put authors into the text and alphabetically sort references in details.

Due to the interest about this topic the student will continue with his work on his diploma thesis and to acquire his own data in cooperation with veterinary and humane services in Uzbekistan in 2017/2018. Upon agreement with his supervisor he will be prepared for defence of his diploma thesis in June 2018.

**Plagiarism control:** The system Theses.cz has assessed the thesis as original.

Date 05/29/2017

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