CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

Faculty of Tropical AgriSciences

Evaluation of the Bachelor Thesis by Opponent

Thesis Title	**Genetic diversity of cacao (Theobroma cacao)**
Name of the student	**Jakub Samek**
Thesis supervisor	**Ing. Marie Kalousová**
Department	**Department of Crop Sciences and Agroforestry**
Opponent	**Ing. B.Sc. José Alejandro Ruiz Chután**

	1	2	3	4
Formulation of the aims			**3**	
Choice of suitable methods		**2**		
Fulfilment of the aims				**4**
Scientific contribution of the thesis				**4**
Originality of the thesis			**3**	
Theoretical background of the author		**2**		
Handling with data and information			**3**	
Handling with scientific literature (citations)		**2**		
Argumentation and critical thinking			**3**	
Abstract and keywords			**3**	
Structure of the chapters and paragraphs	**1**			
Comprehensibility of the text		**2**		
Accuracy of the terminology	**1**			
Quality of scientific language		**2**		
Formatting, layout and general impression		**2**		

Evaluation of the work by grade (1, 2, 3, 4)	**4**

Evaluation: 1 = the best

Date   10/06/2020

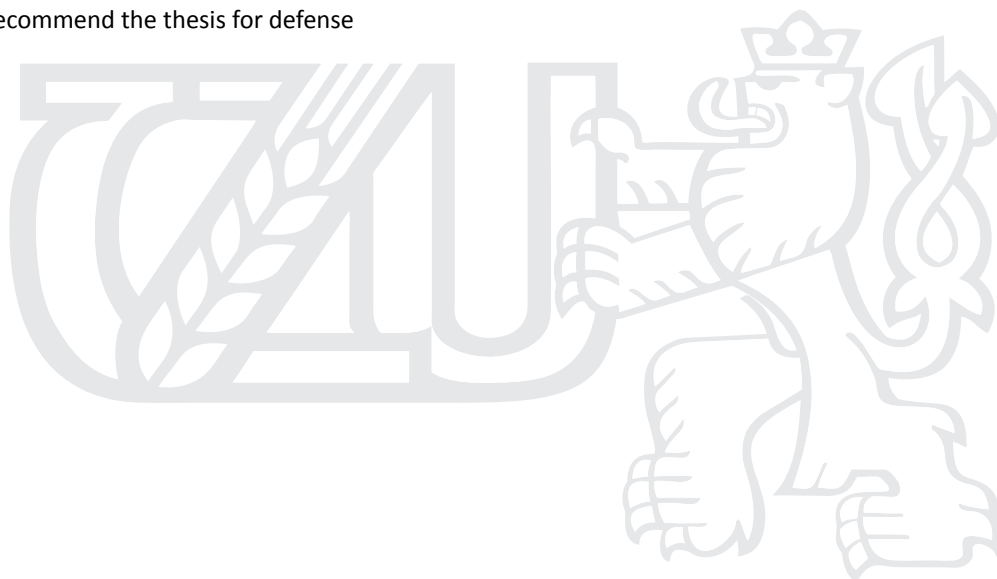..

Signature of Opponent

Other comments or suggestions:

The work reflects a logical sequence of topics, making a description from general to specific. The work complies with the minimum structural aspects required to present the work, with the exception of some errors in the scientific name writing format. There is an adequate description of the species in taxonomic, productive, and pest and disease aspects. However, the description of genetic diversity of the species is not detailed enough. Despite the existence of a list of molecular markers used in previous characterizations, there are no current NGS-based methods such as Genotyping By Sequencing widely used in this type of research. A more exhaustive search is recommended. The discussion is too superficial and a deep analysis of the information or comments by the student is not appreciated. The work does not make a significant contribution in relation to the stated objectives. It is not possible to appreciate coherence between the title, the objectives and the results presented. The effort of the student in the search for information is recognized, but it is required to deepen the subject. For the reasons previously described, the thesis is evaluated with a score of 4

Questions for thesis defence:

I do not recommend the thesis for defense

Date   10/06/2020

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Signature of Opponent