

Masaryk University	
Faculty	Faculty of Science
Procedure field	Zoology
Applicant	doc. RNDr. Martin Reichard, Ph.D.
Applicant's home unit, institution	Ústav biologie obratlovců AV ČR
Board members	
Chair	prof. RNDr. Michal Horsák, Ph.D. <i>Faculty of Science, Masaryk University</i>
Members	prof. RNDr. Miloš Macholán, CSc. <i>Faculty of Science, Masaryk University</i> prof. Ing. Petr Ráb, DrSc., dr. h. c. <i>Ústav živočišné fyziologie a genetiky Akademie věd ČR, v. v. i., Liběchov</i> prof. RNDr. Zdeněk Laštůvka, CSc. <i>Mendelova univerzita v Brně</i> Univ.-Prof. Dipl.-Ing. Dr. Kristina Sefc <i>Univerzity of Graz, Austria</i>

Evaluation of the applicant's scholarly/artistic qualifications

The research activities of M. Reichard cover a variety of fish evolutionary research, which, however, touches such broad and relevant topics as sexual selection, theoretical aspects of the evolution of ageing, and biological invasions. He is a zoologist and evolutionary biologist focussed specifically on links between organisms and their environment and among themselves. He uses freshwater fish as a model for his research tasks that can be summarised into four main topics: (i) biology and evolution of ageing related to life strategy parameters, (ii) co-evolutionary dynamic of reciprocal parasite relationships between bitterling fish and freshwater clams, (iii) reproductive parasitism on both interspecific and intraspecific levels, and (iv) sexual selection and related reproductive behaviour.

Martin Reichard defended his PhD in 2002. Between 2002-2010 he undertook postdoc fellowships in three British universities in London, Leicester, and St. Andrews. Since 2010 he has developed his own research programme at the Institute of Vertebrate Biology in Brno. In this research, he coordinates experimental works in an accredited fish lab combined with field research in many countries across Europe, Africa, South America, and Asia. For his research, he is able to continuously get funding primarily from the Czech Science Foundation, but also from the British Ecological Society (Early Career Grant), Leverhulme Trust, or Association for Study of Animal Behaviour. So far, he was a PI of 13 research and educational grants and cooperated on another 14 projects.

Before he applied for the professorship, he published 137 scientific papers and several chapters in international books and encyclopaedias. Some of these studies were published in very prestigious journals: Cell (IF = 36), Current Biology (9.1), eLife (7.5), Nature Protocols (11.3), and Science Advances (12.8). In most of these products, Martin acted as a corresponding author. The number of citations documents well the scientific quality of his works: based on WOS (Google Scholar) 3192 (4374) including auto-citations, 2118 without, and his H-index is 33 (39). Among the many talks given at many national and international conferences, there were 13 invited lectures.

He is very active in the popularization of science and his own research. He regularly publishes in national popularization journals (Vesmír, Živa), cooperates with Czech TV, and gives high school lectures. The social relevancy of his research pinpoints his cooperation with the BBC and Sir David Attenborough's team on the new documentary Seven Worlds One Planet.

Conclusion: The applicant's scholarly capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Zoology.

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Evaluation of the applicant's pedagogical experience

Although the main employment of Martin Reichard is at the IVB AVCR, he closely co-operates with the Institute of Botany and Zoology at the Masaryk University in Brno; since 2004 he lectures Biogeography for Zoologists and supervises students of all degrees. He also teaches and supervises students at the Charles University in Prague. As a hosting professor, he lectured on Evolutionary Biology at the Scuola Normale Superiore in Pisa (Italy) and worked over three years at the Universidad do Vale do Rio dos Sinos in Brazil. He supervises or co-supervises PhD students also at the universities in Montevideo (Uruguay) and Bern (Switzerland).

He was/is a supervisor of five bachelor theses, four master theses, and seven doctoral studies. He is a member of PhD programme boards at three Czech universities.

Conclusion: The applicant's pedagogical capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Zoology.

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Evaluation of the applicant as a respected and recognized scholarly or artistic figure in a given field

There is no doubt that Ass. Prof. Martin Reichard, PhD., is an internationally recognized scientific figure. At the Institute of Vertebrate Biology, Czech Academy of Sciences, he has built a research team of an outstanding international sound. His scientific results have been published in top journals of very high IF, and they are highly cited. He cooperates with many international teams and conducts his fieldwork on several continents. He has supervised students at all degrees, including seven PhD projects, teaches in several universities both in the Czech Republic and abroad. He often popularizes his results to the public. The novelty of his discoveries is probably the best awarded by a co-operation with the BBC team of David Attenborough, shooting in his lab at the institute and also in the field in Africa.

Conclusion: The applicant **is** a respected and recognized scholarly figure in his field. The applicant **has** made a significant contribution to the development of his field. The applicant **constitutes** a leading figure in his field of scholarship or research.

Conclusion: The applicant **is** a respected and recognized scholarly figure in his/her field. The applicant **has** made a significant contribution to the development of his/her field. The applicant **constitutes** a leading figure in his/her field of scholarship or research.

Secret vote results

Voting took place: electronically

Number of board members		5
Number of votes cast		5
of which	in favour	5
	against	0

Board decision

Based on the outcome of the secret vote and following an evaluation of the applicant's scholarly or artistic qualifications, pedagogical experience and role as a respected and recognized scholarly or artistic figure, the board hereby submits a proposal to the scientific board of the Faculty of Faculty of Science of Masaryk University to **appoint the applicant professor** of Zoology.

In Brno on 31.10.2020

prof. RNDr. Michal Horsák, Ph.D.