

TRAKIA UNIVERSITY, FACULTY OF AGRICULTURE

REVIEW

From: Assoc. Prof., PhD, DSc Dilian Georgiev Georgiev

Scientific specialty: Associate Professor and PhD in the field of higher education 4. Natural sciences, mathematics and informatics in professional field 4.3. Biological sciences (Ecology and ecosystem conservation); DSc in professional field 4. Natural sciences, mathematics and informatics in professional field 4.3. Biological Sciences (Zoology)

From: Paisii Hilendarski University of Plovdiv, Faculty of Biology, Department of Ecology and Environmental Conservation

About: Application for a professor position in the scientific specialty: "Special branches (industrial game)"

1. Information about the application

The competition was announced for the needs of the Department of Animal Husbandry - Non-ruminants and other animals, Faculty of Agriculture, Trakia University in Darzhaven Vestnik, Vol. 22 on 16.03.2021.

I participate in the composition of the scientific jury of the competition according to the Order № 1173/25.05.2021 of the Rector of Trakia University.

2. Information about the candidate

- Brief biographical reference:

Evgeniy Georgiev Raichev: born on May 21, 1964 in the city of Varna, graduated in 1989 from the full course of the Higher Institute of Zootechnics and Veterinary Medicine, majoring in Zooengineering, Stara Zagora.

- Academic position held, scientific degree, university:

2003 - PhD dissertation on the topic: "Trophic spectrum, morphological features and parasitological status of *Vulpes vulpes* L., *Canis aureus* L., *Felis silvestris* Schr. and *Martes foina*, Erxl. in the regions of Central Stara Planina and Sarnena Sredna Gora“.

2009-2015 - Chief Assistant Professor, PhD, Department of Animal Husbandry - Non-ruminants and other animals, Faculty of Agriculture of Trakia University.

2015 till present - Associate Professor, PhD, Department of Animal Husbandry - Non-ruminants and other animals, Faculty of Agriculture of Trakia University.

3. Fulfillment of the requirements for holding the academic position

3.1. Fulfillment of the requirements to Appendix 8.1.

1. Main criteria

1.1. Total teaching experience of 22 years and 9 months.

1.1.1. Classroom and extracurricular classes, hours: 376 per year.

1.1.2. Published textbooks and teaching aids: total textbooks: 2, exercise manuals: 1, developed new curricula: 2. indicated for the purposes of the application:

Raychev E., 2020. Ornithology. Short course. Alfa Visia Publ., Stara Zagora, 130 pp. ISBN: 978-619-7595-10-9. (In Bulgarian).

I have studied in detail this textbook in detail since I was its reviewer. We have held discussions with the author about certain sections and the presentation of current and reliable information. The textbook, as a final product, is an important and useful tool for student learning, and provides accessible information to learners.

Developed a new curriculum or new methodological units for lectures / exercises:

- "Ornithology", for students majoring in Ecology and Environmental Conservation.

- „Theriology“, for students majoring in Ecology and Environmental Conservation.

1.1.3. Supervising of successfully defended graduates and PhD students: 25 graduates (24 for „Bachelor“, and 1 for „Master“) и 1 PhD student: Stanislava Peycheva Peeva, topic: „Influence of anthropogenic factor on the nutrient spectrum of the Stone Marten (*Martes foina*, Erxl. 1777) and the emergence of the "wild animals - human" conflict, defended on 25.11.2016.

1.2.2. Participation in research projects: total 8 (6 at university level and 2 international). An international project is indicated for the purposes of the application „Trakia University commitments to the Kaken-Hi Funded Project “Restoration of rare carnivore populations, impacted by human exploitation, in Southern China”“. As a result of the work on the project a total of 6 scientific publications were published in peer reviewed and indexed journals.

1.2.3. Participation in scientific forums: a total of 21 scientific conferences (national and international).

1.3. Publication activity: a total of 53 scientific publications as an author and co-author. For the purposes of the competition, 26 of them are presented, as well as one published monograph:

The Jackal *Canis aureus*. Alfa Visia Publ., Stara Zagora, 116 pp. ISBN: 978-619-7595-11-6.

This paper summarizes the existing knowledge of all aspects of jackal biology, along with the author's personal contributions to the taxonomy, morphology, food spectrum, food and spatial relationships with other predators, movement, health status, demographic structure of its population and the human influence on it.

1.3.1. Scientific publications in the specialty of the announced application, total number: 26, from which: single author: 3, first author: 2, in international journals: 18, in impact factor journals: 13. All journals are indexed in international databases (Scopus and/or WoS).

1.3.2. Citations: 112 citations are listed for the purposes of the application, all citing articles are in indexed scientific journals.

2.1. Other achievements in teaching and research:

- Evgeniy Raichev has organized a team of young people - graduates, PhD students and colleagues from the university, and together with colleagues from Japan work methodically and purposefully on various projects concerning the biology and ecology of large mammals. His team strongly expresses continuity, collegiality and strong devotion to nature.

- He has organized and maintained a biological museum collection together with his team.

4. Evaluation of the teaching activity

- The teaching experience of the candidate is highly valued, he is long-standing and proven in the Department of "Animal Husbandry - Non-ruminants and other animals", Faculty of Agriculture of Trakia University in the form of classroom and extracurricular activities with a total of 376 hours per year, manuals for graduates, publication of textbooks, as well as developed new curricula. Last but not least is the creation and maintenance of a biological collection, supporting the educational activity in the respective scientific field.

5. General characteristics of the scientific activity of the candidate

5.1. Main directions in the research activity:

Ecology of predatory mammals - Fox (*V. vulpes*), Jackal (*C. aureus*), Wild Cat (*F. silvestris*), Stone Marten (*M. foina*), European Badger (*M. meles*); morphological features of the listed species (craniometry), related to age changes and sex differences; tracking; field observations on the behavior of wild mammals; dermoplasty and evaluation of hunting trophies; rabbit breeding.

5.2. Summary and evaluation of the scientific and applied research results and contributions:

In the documents presented to me, the contributions are divided into groups as follows:

- Contributions of scientific and applied nature - are presented in detail and cover all aspects of the candidate's work.

Genetic studies have been performed with phylogenetic and taxonomic status in the species: European Badger, Marbled Polecat, Weasel and Brown Bear.

- Applied contributions - only two are presented: one is for optimization in rabbit breeding, in order to better treat animals, and the other is for the conflict between fish farmers and fish-eating birds. An important contribution, which I noted in the post, is omitted:

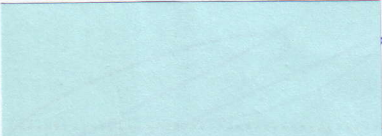
Raichev E. (2021). On the "Otter-Fish Producers conflict" in South-Eastern Bulgaria. *Trakia Journal of Sciences*, 1: 35-37.

It focuses on the conflict with otters in fish farms and discusses possible measures to prevent it.

6. Conclusion

The documentation reviewed by me exceeds the minimum required by law scoring for the academic position "professor" according to the Law for the development of the academic staff of the Republic of Bulgaria. My opinion is FOR awarding the academic position of "professor" in the scientific specialty: Special branches (Industrial game) to Assoc. Prof. Dr. Evgeniy Georgiev Raichev.

17.06.2021
Plovdiv



Assoc. Prof. ~~Dilian~~ Georgiev, PhD, DSc