



Radim Kotrba

ID: 46028423 | **Work permit:** Czech | **Date of birth:** 22/04/1974 | **Place of birth:** Kutná Hora |

Nationality: Czech | **Phone number:** (+420) 739003931 (Mobile) | **Email address:**

kotrba@ftz.czu.cz | **Address:** Miskovice 38, 285 01, Miskovice, Czechia (Home)

WORK EXPERIENCE

2003 – CURRENT Prague, Czechia

ASSISTANT PROFESSOR CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE, FACULTY OF TROPICAL AGRISCIENCES

Lecturing, supervising thesis, scientific research, supervising University eland and guanaco farms, head of Faculty senate and presidium of University senate, member of University ethical commission for experimentation on animals

Teaching subjects:

from 2003 Husbandry of Indigenous Animal Species in Tropics, Faculty of Tropical AgriSciences, CZU

Since 2006 Game Ranching, Faculty of Tropical AgriSciences, CZU

2011 Large Farm Animal Husbandry, Faculty of Tropical AgriSciences, CZU

2012-2015 participation in Adaptation Biology of Animals in Tropics and Subtropics, Faculty of Tropical AgriSciences, CZU

since 2010 lectures on ethology of exotic animals and nutrition of cervids at Faculty of Agrobiolology, CZU

since 2015 lecture on silvopasture systems as part of the subject Agroforestry at , Faculty of Tropical AgriSciences, CZU

2003 – CURRENT Prague, Czechia

RESEARCHER INSTITUTE OF ANIMAL SCIENCE, DPT. OF ETHOLOGY

Research on deer behaviour, physiology and meat science

EDUCATION AND TRAINING

2001 – 2006

PH.D. Czech University of Life Sciences Prague, Institute of Tropics and Subtropics

Specialisation Tropical and Subtropical Agriculture

1998 – 2001 Czechia

MSC. Czech University of Life Sciences Prague, Institute of Tropics and Subtropics

1994 – 1997 Czechia

BSC. Czech University of Life Sciences Prague, Faculty of Economics and Management

LANGUAGE SKILLS

Mother tongue(s): **CZECH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

Publications

Selected sci papers :

Musa A.S., Needham T., Kotrba R., Ceacero F. 2024. Activity and social behaviour of farmed common eland (*Taurotragus oryx*), and the effect of immunocastration thereon. Applied Animal Behaviour Science 272, Article Number 106189, doi.org/10.1016/j.applanim.2024.106189

Hoffman L.C., Silberbauer B.L., Needham T., Bureš D., Kotrba R., Strydom P.E. 2024. The effect of sex on the chemical and mineral composition of the meat, bone and liver of giraffe (*Giraffa giraffa angolensis*). Foods 13, 13030394, doi:/10.3390/foods13030394

Bureš D., Needham T., Bartoň, L., Lebedová N., Kotrba R., Řehák D., Kučerová I., Klouček P., Hoffman L.C. 2024. Consumer acceptance and quality of game meat "dröewors" sausages with different levels of added fat. Meat Science 210, Article Number 109424, doi:10.1016/j.meatsci.2024.109424

Hrnková J, Golovchenko M, Musa AS, Needham T, Italiya J, Ceacero F, Kotrba R, Grubhoffer L, Rudenko N and Cerný J 2022. *Borrelia spirochetes* in European exotic farm animals. Front. Vet. Sci. 9, Article Number 996015, https://doi:10.3389/fvets.2022.996015

Hoffman, L.C.; Silberbauer, B.L.; Needham, T.; Bureš, D.; Kotrba, R.; Strydom, P. 2022. Physical meat quality characteristics of Angolan giraffe (*Giraffa giraffa angolensis*) as affected by sex and muscle, Meat Science 192, Article Number 108911, https://doi.org/10.1016/j.meatsci.2022.108911

Pyszko M, Němeček P, Horák O, Páral V, Kotrba R, Hoffman LC & Robovský J. (2022). Newly described anatomical opening on forelimb tendon in the artiodactyls and its relation to knee clicks. Scientific Reports 12: 4362. https://doi.org/10.1038/s41598-022-08303-z

Lojka, B.; Teutscherová, N.; Chládková, A.; Kala, L.; Szabó, P.; Martiník, A.; Weger, J.; Houška, J.; Červenka, J.; Kotrba, R.; Jobbiková, J.; Doležalová, H.; Snášelová, M.; Krčmářová, J.; Vávrová, K.; Králík, T.; Zavadil, T.; Lawson, J. (2022).

Agroforestry in the Czech Republic: What Hampers the Comeback of a Once Traditional Land Use System? Agronomy 2022, 12, 69. https://doi.org/10.3390/agronomy12010069

Andrea Vityi, Nóra Kiss Szigeti, Tamás Rétfalvi, Bohdan Lojka, Radim Kotrba, Jaroslav Jankovič, Michal Pástor, Robert Borek: Agroforestry as a tool for sustainable land use in Central European countries, Conference Proceedings-Earth in a trap? 2018: analytical methods in fire and environmental sciences. Zvolen: Technical University in Zvolen, 2018. 270-276, ISBN 978-80-228-3062-1.

Needham, T., Engels, R., Bureš, D., Kotrba, R., Van Rensburg, B.J., Hoffman, L.C. (2020). Carcass yields and physiochemical meat quality of semi-extensive and intensively farmed impala (*Aepyceros melampus*), Foods 9 (418), 1-16, 10.3390/foods9040418

Fitzhenry, L.B., Cawthorn, D.M., Muchenje, V., Bureš, D., Kotrba, R., Hoffman, L.C.. (2019). Carcass composition and yields of wild fallow deer (*Dama dama*) in South Africa, African Journal of Wildlife Research 49, 100 –110, doi.org/10.3957/056.049.0100

Hoffman, L. C., van Schalkwyk, D. L., McMillin, K. W., Kotrba, R. (2015). Intramuscular fat characteristics of Namibian common eland (*Tragelaphus oryx*), African Journal of Wildlife Research 45(3), 312–320, DOI /10.3957/056.045.0312

Bartoň, L., Bureš, D., Kotrba, R., Sales, J. (2014). Comparison of meat quality between eland (*Taurotragus oryx*) and cattle (*Bos taurus*) raised under similar conditions, Meat Science 96, 346- 352, doi: 10.1016/j.meatsci.2013.07.016.

Peer reviewed journals:

Nežerková, P., Antonínová, M., Kotrba, R., Hejcman, M., & Verner, PH. (2004). The conservation programme of the western giant eland (*Tragelaphus derbianus derbianus*) in Senegal. Game and Wildlife Science, 21(4), 811-814.

Chapters in peer reviewed books:

Bartoš, L., Kotrba, R., Pintiř, J. (2010). Ungulates and their management in the Czech Republic, In: European Ungulates and their Management in the 21st century, (Eds.) Apollonio M., Andersen R., Putman R., Cambridge University Press, London, UK, p. 243-261.

● ORGANISATIONAL SKILLS

Organisational skills

Social skills and competences- Team leadership and cooperation

● COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Good communication skills and openness

● JOB-RELATED SKILLS

Job-related skills

● EXTERNAL PROJECTS AND GRANTS

External projects and grants

Dates: 2025 - 2028

EU HORIZON-CL6-2024-FARM2FORK-01, project ID 101182027: AfroGrow: Informed Decision-Making for Agroforestry Systems in Africa through a Network of Living Labs- coordinator at CZU (EUR 5.999 million)

Dates: 2022 - 2026

EU HORIZON-CL6-2021-CLIMATE-01-08, project ID 101059794: DigitAF - DIGItal Tools to help AgroForestry meet climate, biodiversity and farming sustainability goals: linking field and cloud- spoluřešitel (EUR 3.7 million)

Dates: 2021 - 2024

RAGO (Norwegian funds)- Amálie pilot farm- application of the Smart Landscape concept- project no. 3211100014- team member for agroforestry

Dates: 2020 - 2022

Norwegian funds- Adaptation strategy for adaptation to climate change for the MAS (local action group) Podlipanska- project no. 3194100037- partner of project for adoption of agroforestry measures

Dates: 2019 - 2024

Zambia- Czech Development Aid- Integrated Agriculture II. a III.- expert for poultry systems, duck/aquaculture breeding, beekeeping and agroforestry

Dates: 2019 - 2022

Name of the project: Agroforestry systems for protection and restoration of landscape functions endangered by the effects of the climate change and human activity (TH04030409)

Occupation or position held: Collaborator

Main activities and responsibilities: The aim is to evaluate the potential of agroforestry in Czechia for biodiversity, landscape and climate measures

Donor and budget: Technological Agency of Czech Republic – program TAČR epsilon; 14,928,380 CZK

Dates: 2018 - 2020

Name of the project: Agroforestry Systems: The Opportunity for European Landscape and Agriculture [AGFOSY]

Occupation or position held: Collaborator

Main activities and responsibilities: The aim is share agroforestry experiences and disseminate knowledge between five EU countries (Czechia, Slovakia, Belgium, Spain, France)

Donor and budget: Erasmus+ of EU; 287,409 Euro

Dates: 2018 - 2020

Name of the project: Agroforestry – potential for regional development and sustainable rural landscape (TL01000298)

Occupation or position held: Collaborator

Main activities and responsibilities: The aim is to evaluate the benefits and constraints of using agroforestry in Czechia,

Donor and budget: Technological Agency of Czech Republic – program TAČRéta; 13,416,000 CZK

Dates: 2017 - 2019

Name of the project: Multifunctional feeding place for deer

Occupation or position held: Main investigator, coordinator at IAS, Prague

Main activities and responsibilities: To develop advanced feeder with drinker for farmed game

Donor and budget: Technological Agency of Czech Republic – program TAČRgama; 1,642,000 CZK

Dates: 2017 - 2019

Name of the project: Mobile gathering, handling, weighing and restrain place for farmed animals

Occupation or position held: Main investigator, coordinator at IAS, Prague

Main activities and responsibilities: To develop multifunctional and mobile gathering, handling, weighing and restrain place for farmed animals

Donor and budget: Technological Agency of Czech Republic – program TAČRgama; 1,632,600 CZK

Dates: 2015 – 2017

Name of the project: Towards a long-term Africa-EU partnership to raise sustainable food and nutrition security in Africa

Occupation or position held: Coordinator at CULS Prague

Main activities and responsibilities: H2020-SFS-2014-1, Reference 652671; total 100.000,- EUR

Dates: 2004 – 2008

Name of the project: Biodiversity and ecology of selected mammals in West Africa

Occupation or position held: Researcher

Main activities and responsibilities: Grant Agency of Czech Academy of Science

Dates: 2000 - 2003

Czech Development Aid- Project Protection and breeding of Derby Eland in Senegal- researcher at project, cooperation with Direction of National Parks in Senegal (DPSN) and Society for the protection of Environment and Wildlife in Senegal (SPEFS) for selection of breeding place for protection of Western Derby eland

● **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

Membership in professional organizations

From 2003 Federation of European Deer Farmers Associations-presently secretary general, 2012- 2014 president, from 2014 secretary general

From 2003 Deer Farmer's Association of the Czech Republic -vice-president, from 2017 president, from 2025 board member

From 2012 Association for Private Farming of the Czech Republic-board member

From 2006 Deer and Antelope Specialist Group of Union of Czech and Slovak Zoos- member

From 2011 International committee for International Wildlife Ranching Symposia- member

From 2012 European Food Safety Agency for farmed game- hearing expert

From 2013 founding member of Derbianus Conservation

From 2014 Deer Specialist Group at European Association of Zoos and Aquarias- member

From 2014 founding member of the Czech Agroforestry Association and board member

From 2014 member of the European Agroforestry Federation (EURAF)

From 2017 member of the Czech Poplar Commission

From 2018 member of Committee for Landscape, Water and Biodiversity, Office of the Government of the Czech Republic/Ministry of Environment

from 2018 to 2023 member of the working groups for the preparation of the EU CAP 2023+ (Ministry of Agriculture - Natural resources/biodiversity; Agroforestry systems; Nature Conservation Agency of the Czech Republic - for EFAS

from 2022 member of the Technological Platform for Organic Agriculture

from 2022 member of several working groups for Landscape features (Association of Private Farming of CR, Ministry of Environment/Ministry of Agriculture, State Land Office)

from 2023 member of the Commission for Organic Agriculture at the Czech Academy of Agricultural Sciences

from 2024 member of the scientific council of CzechHemp, the Czech Hemp Cluster

from 2024 member of the working group for Landscape Policy (Landscape Research Institute, Ministry of Environment)

● **LANDSCAPE MODELING AT OWN LAND**

Landscape modeling at own land

From 2007 agroforestry farmer on 5.5 ha- silvopastoral cherry orchard with deer, sheep and guanacos, short rotational coppice plot with poultry and timber trees, fruit trees with herb and berries production, syntropic parcel and beekeeping

● **PROFESSIONAL INVOLVEMENT**

2018 – CURRENT

Professional involvement

From 2018 member of working group at Ministry of Agriculture Czech Republic for Natural resources- biodiversity for CAP after 2020

From 2018 member of working group at Nature Conservation Agency of the Czech Republic for EFA's measurements for CAP after 2020

From 2019 member of working group at Ministry of Agriculture Czech Republic for Agroforestry measurements for CAP after 2020

From 2020 advisor at Institute of Animal Science for farmed game

From 2022 member of several working groups on Landscape features for their better systematic and complex function, evidence and supports

From 2023 registered advisor for Agroforestry systems

From 2024 member of working group for Landscape policy (Politika krajiny) for Ministry of Environment