



Supplementary Material

Basic Morphometric Characteristics of Mouflon Trophies (*Ovis orientalis* Gmelin, 1774)

Urosevic Milivoje¹, Matejevic Milosava^{2*}, Mandić Radomir³ and Dameski Panče⁴

¹Center for Perservation of Indigenous Breeds, Belgrade, Serbia

²Faculty of Science, Trg Dositeja Obradovica 3, 21000 Novi Sad, University of Novi Sad, Serbia

³Faculty of Applied Ecology-Futura, University, Metropolitien, Belgrade, Serbia

⁴Faculty of Veterinary Medicine, University of Sv. Kliment Ohridski Bitola, The Northern Macedonia

Supplementary Table I. Correlations between measured trophy elements.

		Left horn length	Right horn length	1 st third left horn	1 st third right horn	2 nd third left horn	2 nd third right horn	3 rd third left horn	3 rd third right horn
Left horn length	Pearson correlation	1	.936**	.376*	.316	.605**	.614**	.652**	.760**
	Sig. (2-tailed)		.000	.020	.053	.000	.000	.000	.000
	N	38	38	38	38	38	38	38	38
Right horn length	Pearson correlation	.936**	1	.399*	.353*	.593**	.585**	.713**	.726**
	Sig. (2-tailed)	.000		.013	.030	.000	.000	.000	.000
	N	38	38	38	38	38	38	38	38
1 st third left horn	Pearson correlation	.376*	.399*	1	.967**	.813**	.793**	.507**	.522**
	Sig. (2-tailed)	.020	.013		.000	.000	.000	.001	.001
	N	38	38	38	38	38	38	38	38
1 st third right horn	Pearson correlation	.316	.353*	.967**	1	.773**	.784**	.461**	.473**
	Sig. (2-tailed)	.053	.030	.000		.000	.000	.004	.003
	N	38	38	38	38	38	38	38	38
2 nd third left horn	Pearson correlation	.605**	.593**	.813**	.773**	1	.942**	.702**	.789**
	Sig. (2-tailed)	.000	.000	.000	.000		.000	.000	.000
	N	38	38	38	38	38	38	38	38
2 nd third right horn	Pearson correlation	.614**	.585**	.793**	.784**	.942**	1	.623**	.771**
	Sig. (2-tailed)	.000	.000	.000	.000	.000		.000	.000
	N	38	38	38	38	38	38	38	38
3 rd third left horn	Pearson correlation	.652**	.713**	.507**	.461**	.702**	.623**	1	.870**
	Sig. (2-tailed)	.000	.000	.001	.004	.000	.000		.000
	N	38	38	38	38	38	38	38	38
3 rd third right horn	Pearson correlation	.760**	.726**	.522**	.473**	.789**	.771**	.870**	1
	Sig. (2-tailed)	.000	.000	.001	.003	.000	.000	.000	
	N	38	38	38	38	38	38	38	38

*, correlation is significant at the 0.05 level (2-tailed); **, correlation is significant at the 0.01 level (2-tailed).

* Corresponding author: milosava@dgt.uns.ac.rs
030-9923/2023/0006-2989 \$ 9.00/0



Copyright 2023 by the authors. Licensee Zoological Society of Pakistan.

This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

Supplementary Table II. Correlations between individual measured trophy elements.

		1. Trećina levi rog	1. Trećina desni rog	2. Trećina levi rog	2. Trećina desni rog	Raspon rogova	Zakrivl- jenost
1 st third left horn	Pearson correlation	1	.967**	.813**	.793**	.238	.461**
	Sig. (2-tailed)		.000	.000	.000	.150	.004
	N	38	38	38	38	38	38
1 st third right horn	Pearson correlation	.967**	1	.773**	.784**	.238	.462**
	Sig. (2-tailed)	.000		.000	.000	.150	.003
	N	38	38	38	38	38	38
2 nd third left horn	Pearson correlation	.813**	.773**	1	.942**	.399*	.551**
	Sig. (2-tailed)	.000	.000		.000	.013	.000
	N	38	38	38	38	38	38
2 nd third right horn	Pearson correlation	.793**	.784**	.942**	1	.377*	.507**
	Sig. (2-tailed)	.000	.000	.000		.020	.001
	N	38	38	38	38	38	38
horns span	Pearson correlation	.238	.238	.399*	.377*	1	.589**
	Sig. (2-tailed)	.150	.150	.013	.020		.000
	N	38	38	38	38	38	38
curvature	Pearson correlation	.461**	.462**	.551**	.507**	.589**	1
	Sig. (2-tailed)	.004	.003	.000	.001	.000	
	N	38	38	38	38	38	38

*, Correlation is significant at the 0.05 level (2-tailed); **, Correlation is significant at the 0.01 level (2-tailed).