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CARCASS YIELD AND SLAUGHTER TRAITS OF
KIDS FROM SERBIAN FAWN GOAT POPULATION

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INTRODUCTION: From 1950`s to mid 1980`s goat keeping was forbidden in former Yugoslavia, of which Serbia was a part. As a consequence, nowadays in Serbia there are two small goat populations: white (crosses of Balkan and Saanen goats) and fawn (French Alpine, German Fawn and their crosses).

THE AIM: The main aim of this paper is to present results of carcass yield and percentage proportion of eatable and non eatable entrails of 32 mail kids which were two (16 kids) and four (16 kids) month old when they were slaughtered.

MATERIAL AND METHODS: The four-month-old kids were sucklings for the first two months, and after that they were fed in the barn for the next two months, while the two-month-old kids were fed with a milk replacer. After slaughter we measured: hot carcass weight with (HCWW) and without entrails (HCWE), and entrails (tab 2) . Average values and percentage proportion of carcass with (PPE) and without entrails (PPW), and proportion of entrails were calculated by STATISTICS 8 computer program.

RESULTS:

Table 1: Body weight of 2- (above) and 4-month-old kids (below) before slaughter, hot carcass weight with and without entrails and percentage proportion of carcass.

Traits	x	Sx	CV	Min-max
BWS (kg)	15,8	0,321	1,655	14,3 - 19
	23,06	0,461	3.396	20 – 26
HCWE (kg)	7,09	0,189	0,57	6,2 - 8,8
	11,28	0,316	1,594	9,38 – 13,64
PPE (%)	44,83	0,64	6,5	40,24 - 49,70
	48,87	0,73	8,59	44,06 - 53,75
HCWW (kg)	6,18	0,18	0,54	5,32 - 7,87
	10,38	0,31	1,52	8,51 - 12,66
PPW (%)	39,09	0,69	7,62	33,69 - 43,70
	44,94	0,73	8,48	40,48 - 49,57

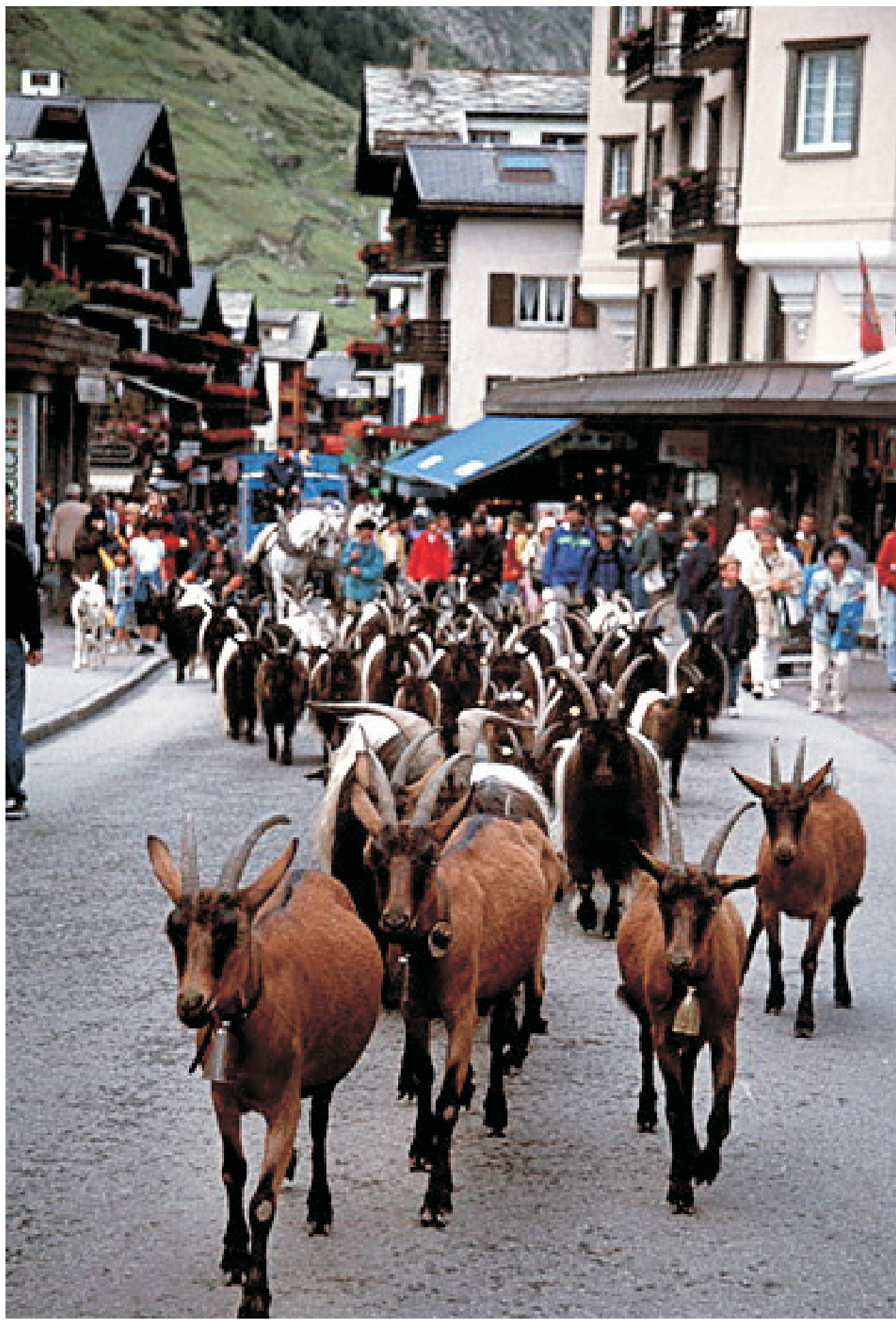


Table 2: Weight of entrails of 2- (above) and 4-month-old kids (below) and percentage proportion of entrails

CONCLUSION: Presented here are the preliminary results of slaughter traits of kids of Serbian fawn goat population. This results are part of the national project No.20005, which is funded by Ministry of Science and Technological Development of the Republic of Serbia, and research will be continued.

Entrails	Mass of entrails (g)	Percentage proportion (%)
Liver	380	2.43
	420	1.84
Lungs	450	2.85
	300	1.32
Hart	70	0.47
	100	0.42
Spleen	40	0.25
	20	0.1
Peritoneum	100	0.65
	60	0.26
Testes	30	0.19
	200	0.88
Small intestine	560	3.53
	580	2.51
Renet	110	0.7
	130	0.58
Rumen	260	1.63
	550	2.41
Mesentery	160	1.06
	170	0.74
Legs	550	3.49
	620	2.68
Skin	1220	7.71
	1760	7.58
Waste	700	4.41
	1740	7.61