

Organized work on the conservation of AnGR in Serbia began in 1994, with the identification of all breeds, and the data were sent to the FAO database (DAD-IS).



Diversity of breeds (DAD-IS)						
		ally adapted breeds ochthonous breeds) Endangered	Exotic breeds	Total		
Cattle	2	2	11	13		
Buffalo	1	1	0	1		
Horse	3	3	9	12		
Donkey	1	1	0	1		
Pig	3	3	5	8		
Sheep	15	13	11	26		
Goat	2	2	3	5		
Chicken	4	4	17	21		
Duck	1	n/i	1	2		
Goose	1	n/i	1	2		
Turkey	1	n/i	0	1		

The level of endangerment

Endangered breeds are those breeds of domestic animals in which the total number of female breeding heads does not exceed:

for cattle and buffalo
 for sheep and goat
 for equidae
 for pig
 for poultry
 7.500
 10.000
 5.000
 15.000
 25.000



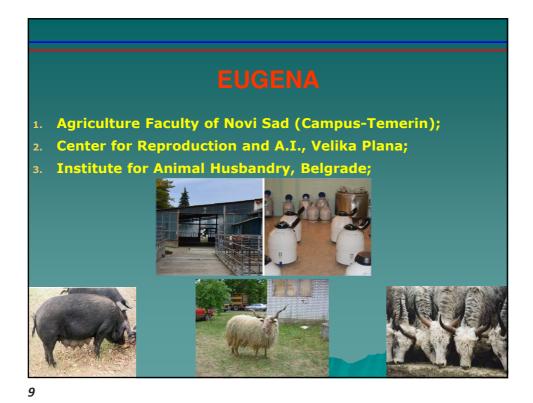
In relation to the degree of endangerment, breeds are classified into four groups: I (critically endangered), II (highly endangered), III (potentially endangered), IV (not endangered).

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Population trend of autochthonous breeds (2019-2023) - the number of heads in Herd Book -						
Breed	No of breeders (2023)	2023	2022	2021	2020	2019
Podolian cattle	18	403	384	416	304	420
Busha cattle	127	2449	2199	2012	2105	1748
Buffalo	339	1449	1617	1481	1374	1106
Domestic- mount. Pony	647	3300	3124	3097	2765	1621
Nonius	36	135	143	96	92	113
Lipizzaner	277	771	882	/	/	/
Balkan donkey	118	977	830	716	628	567
Mangalitsa	63	2696	2460	2938	2935	2101
Moravka pig	324	4403	4061	3068	956	350
Resayka pig	22	268	224	234	62	65

Population trend of autochthonous breeds (2019-2023)						
- the number of heads in Herd Book -						
Breed	NB	2023	2022	2021	2020	2019
Lipska sheep	47	3261	2601	2132	2284	1705
Krivovirska sheep	56	3019	2221	1606	1754	1488
Bardoka sheep	9	423	298	246	236	155
Vlaško-vitoroga sheep	11	1001	1138	1110	961	892
Pirot sheep	10	485	393	339	232	218
Karakachan sheep	10	631	416	295	228	211
Čokan Tsigai sheep	15	3011	2453	2002	1625	1327
Vlašićka sheep	16	7476	3698	/	/	/
Balkan goat	21	1592	1358	1135	1080	836
Serbian White goat	8	291	198	170	160	70
Svrljg Hen		N/I	N/I	N/I	100	113
Somborska Kaporka	2	155	324	899	182	251
Banat Nacke Neck	4	387	1248	1919	1474	444

Actors in the preservation of AnGR						
In situ preservation	Ex situ preservation in vivo	Ex situ preservation in vitro				
MAFWM	MAFWM	MAFWM				
Farmers	Farmers	Farmers + Gene Banks				
Research institutions	Research institutions	Research institutions				
Breeding organizations		Breeding organizations				
Tourism sector – rural tourism						
Competent authorities for nature protection	Competent authorities for nature protection					
Local communities	Z00`s					
Agricultural advisory and professional services - PED						
	4100	188 188 28 18 18 18 18 18				



Autochthonous breeds

RDP support breeds included in the support system for organic production

Serbia yes yes partially

Subsidies in Euro (2023)					
		m/f			
	Cattle, Buffalo	101-254			
	Horse	254			
	Donkey	85			
	Sheep, goat	38			
	Pig	42			
	Poultry	3,4	ATT TO		
		AT ALL			

TYPICAL PRODUCTS FROM AUTOCHTHONOUS BREEDS

Bucha cattle, it is not characterized by high milk content, and dairy products include cheese and yogurt. In addition to meat, you can also find smoked beef sausage on the market.

Podolian cattle, There is no milking, no milk and dairy products, but that's why "kulen", sausage and pâté made from Podolian beef can be found on the market.

TYPICAL PRODUCTS FROM AUTOCHTHONOUS BREEDS

Buffalo, it is primarily used for the production of milk, specific cheese, "kaymak" and "butter", and is rarely used for meat production. However, on the market you can find mixed sausage made from buffalo and mangalitsa meat as well as buffalo "sudjuk" and "kulen".

Domestic-montain pony, is primarily a horse for carrying loads, but can also be used for pulling and riding. On the market you can find dry "kulen" made from the meat of DMP.

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TYPICAL PRODUCTS FROM AUTOCHTHONOUS BREEDS

Balkan donkey, the specific quality of the meat that this breed possesses attracts the attention of dietitians, but the tradition of using donkey meat is almost non-existent. Nevertheless, donkey meat sausage can be found on the market, and there is an increasing demand for donkey milk, which has nutritional value and is also used for therapeutic purposes. Other donkey milk products include cheese, soap, day and night face cream and liqueur.

TYPICAL PRODUCTS FROM AUTOCHTHONOUS BREEDS

Mangalitsa and moravka pig, the specific quality of meat and bacon is increasingly attracting the attention of consumers, and among the products you can still find ham, "kulen", "čvarci" and lard.

Resavka pig, due to the small number of heads, the market for products obtained from resavka pig is still not developed.

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TYPICAL PRODUCTS FROM AUTOCHTHONOUS BREEDS

Autochthonous sheep breeds, are used for the production of lambs, and the milk is used to make cheese (Krivovirski, Lipski, Salamurski, white). Pirot "kačkavalj" is produced from the milk of Pirot sheep, and Pirot rugs, socks and sweaters are made from wool.

Balkan and Serbian White Goat, are mainly used to obtain milk and dairy products - goat cheese and whey.





Conclusions and recommendations for future work:

- 1. Continuation of the implementation of the GPA;
- 2. Implementation of breeding programs;
- 3. Improving the production characteristics and defining the economic characteristics of the breed, while preserving the desirable genetic structure;
- 4. Development of scientific research, especially genetic characterization;

- 6. Continuous monitoring of the trends of endangered populations;
- 7. Develop models of sustainable use, so that breeders are less dependent on subsidies;
- 8. Promotion of AnGR (exhibitions, fairs...);

- 9. Market development for products from autochthonous breeds;
- 10. Development of agro-tourism;
- 11. Gene bank development;
- 12. Establish and develop a national information system for the diversity of domestic animals;

Thank you for your attention