



European Regional Focal Point for Animal Genetic Resources

University of Ljubljana
Biotechnical faculty

c/o ERFP Secretariat

University of Ljubljana, Biotechnical faculty, Jamnikarjeva 101, 1000 Ljubljana, Slovenia

Phone: +386 1 320 39 95 | Fax.: +386 1 724 10 05

erfp_secretariat@bf.uni-lj.si | www.animalgeneticresources.net | www.rfp-europe.org



ERFP Assembly in Zagreb, Croatia 25th – 26th August 2018



University of Zagreb
Faculty of Agriculture



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Saturday, 25th August 2018

	Chair: S. J. Hiemstra, Chair of ERFP Steering Committee	
9:00-9:20	Welcome and opening by the host country	S. J. Hiemstra
9:20-9:40	Croatia – overview about AnGR	Ante Ivanković
9:40-9:50	Report from the ERFP Secretariat: · ERFP annual progress report (5') · ERFP financial report (5')	ERFP Secretariat
9:50-10:05	Reports from the Working Groups, future activities/proposals and discussion · Documentation and Information (5') · <i>Ex situ</i> Conservation (5') · <i>In situ</i> conservation (5')	E. Sturaro, Italy S. J. Hiemstra, The Netherlands Sebastian Winkel, Germany
10:05 – 10:15	Reports from the Task Forces, future activities/proposals and discussion · Access and Benefit Sharing (5') · EU matters (5')	E. Martyniuk, Poland J. Bormann, Luxembourg
10:15-10:25	Reports from the Ad hoc actions · SWOT analysis (5') · Indicators for monitoring status and trend of honeybees (5')	E. Martyniuk, Poland E. Sturaro, Italy
10:25-10:50	Coffee break	
10:50-11:10	Elections: · Chair · SC member · Secretariat	S. J. Hiemstra
11:10 – 11:40	ERFP future plans (MyPOW) and budget 2019 approval	S. J. Hiemstra
11:40-11:55	Horizon 2020 (SFS-28-2018-2019-2020)	Michele Bozzano
11:55-12:05	FAO report	Roswitha Baumung, FAO
12:05-12:15	Progress report by EAAP WG-AnGR	Jesús Fernández Martín; EAAP
12:15-12:30	DAGENE	András Gáspárdy, DAGENE
12:30-12:45	RBI	Juan Vicente Delgado Bermejo, RBI
12:45-13:05	IMAGE	Michele Tixier-Boichard
13:05-14:00	Lunch break	

Saturday, 25th August 2018

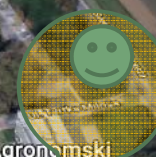
14:00-16:30	SWOT analysis	E. Martyniuk, Poland All NC
16:30- 17:00	Coffee break	
17:00-18:00	EU focus CAP	J. Bormann, Luxembourg
18:00-18:30	AOB	
18:30-19:00	Closing remarks / end of meeting	
20:00	Social Dinner	

Sunday, 26th August 2018

9:00-12:00	<i>Technical Visit</i>	
12:00	<i>Departure</i>	



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Agronomski
fakultet

Welcome on
FACULTY OF AGRICULTURE
of the University of Zagreb

Ul. Fakultetsko dobro



University of Zagreb

Faculty of Agriculture

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History

Most significant land marks in the development of the Faculty of
Agriculture of the University of Zagreb

Next Year – 100 Year

1919.	The Faculty of Agriculture and Forestry in Zagreb is founded by Royal Decree
1921.	Maksimir experimental ground is bought
1925.	The First Doctoral Thesis in the Field of Agricultural Sciences is defended at the Faculty of Agriculture and Forestry
1934.	The I Pavillion in Maksimir is completed and the Faculty moves to its present site
1939.	Jazbina experimental grounds are acquired for the purposes of fruit, vineyard and wine experiments.
	The first issue of Agricultural Scientific Review is published
1947.	The Faculty of Agriculture is granted an experimental ground on Medvednica.
1957.	The study programme is streamlined into majors instead of the former unified curriculum; firstly into two majors: Crop-and-Animal Science and Pomology-Viticulture-and-Enology, and later into others.
1958.	The first post-graduate study programme is set up.
1959.	After the Faculty of Agriculture and Forestry are established as two separate institutions, the Faculty of Agriculture continues to operate independently.
1978.	The FAZ integrates with independent agricultural institutes and changes its name to the Faculty of Agricultural Science.
1992.	The FAZ is given its present name and the current curriculum is introduced.





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Undergraduate studies

6 semesters , 180 ECTS

Agricultural Economics
Agricultural Engineering
Agroecology
Animal Sciences
Horticulture
Landscape Architecture
Organic Agriculture
Plant Protection
Plant Sciences

Bachelor of Engineering
indicating study program
(univ. bacc. ing.)

Graduate studies

4 semesters , 120 ECTS

Agribusiness and Rural Development
Agricultural Engineering
 Mechanization
 Amelioration
Agroecology
 Agroecology
 Microbial Biotechnology in Agriculture
Animal Genetics and Breeding
Animal Nutrition and Feed Science
Fisheries and Game Management
Horticulture
 Fruit Growing
 Ornamental Plants
 Vegetable Growing
 Viticulture and Enology
Landscape Architecture
Organic Agriculture with Agrotourism
Phytomedicine
Plant Sciences
Production and Processing of Meat
Production and Processing of Milk
INTER-EnAgro
DAFM

Master of Engineering
indicating study program
(mag.ing.)

INTER-EnAgro – Environment, agriculture and resource management
DAFM – Sustainability in Agriculture, Food Production and Food Technology in the Danube Region

Postgraduate specialised studies

2 semesters , 60 ECTS

Animal Husbandry
Fisheries
Executive MBA Training

University Specialist
indicating study program
(univ. spec.)

Postgraduate doctoral studies

6 semesters , 180 ECTS

Agricultural Sciences

Doctor of Biotechnical Science
(dr. sc.)





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Key Figures

Academic year 2017/2018

Total no. of enrolled students

2541

of which in:

undergraduate programmes

1325

graduate programmes

953

postgraduate programmes

263

Total no. of study programmes

27

of which:

undergraduate (since 2005/2006)

9

graduate (since 2008/2009)

14

postgraduate (since 2005/2006)

4

Employees

professors

188

lecturers

2

assistants and young researchers

47

collaborators, technicians and laboratory technicians

76





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Departments

[Department of Agricultural Botany](#)[Department of Agricultural Economics and Rural Development](#)[Department of Agricultural Engineering](#)[Department of Agricultural Technology, Storage and Transport](#)[Department of Agricultural Zoology](#)[Department of Animal Nutrition](#)[Department of Animal Science](#)[Department of Animal Science and Technology](#)[Department of Chemistry](#)[Department of Dairy Science](#)[Department of Management and Rural Entrepreneurship](#)[Department of Field Crops, Forage and Grassland](#)[Department of Fisheries, Beekeeping, Game Management and Special Zoology](#)[Department of General Agronomy](#)[Department of Herbology](#)[Department of Information Science and Mathematics](#)[Department of Marketing in Agriculture](#)[Department of Microbiology](#)[Department of Ornamental Plants, Landscape Architecture and Garden Art](#)[Department of Plant Breeding, Genetics and Biometrics](#)[Department of Plant Nutrition](#)[Department of Plant Pathology](#)[Department of Pomology](#)[Department of Seed Science and Technology](#)[Department of Soil Amelioration](#)[Department of Soil Science](#)[Department of Vegetable Crops](#)[Department of Viticulture and Enology](#)

ANIMAL GENETIC RESOURCES IN CROATIA

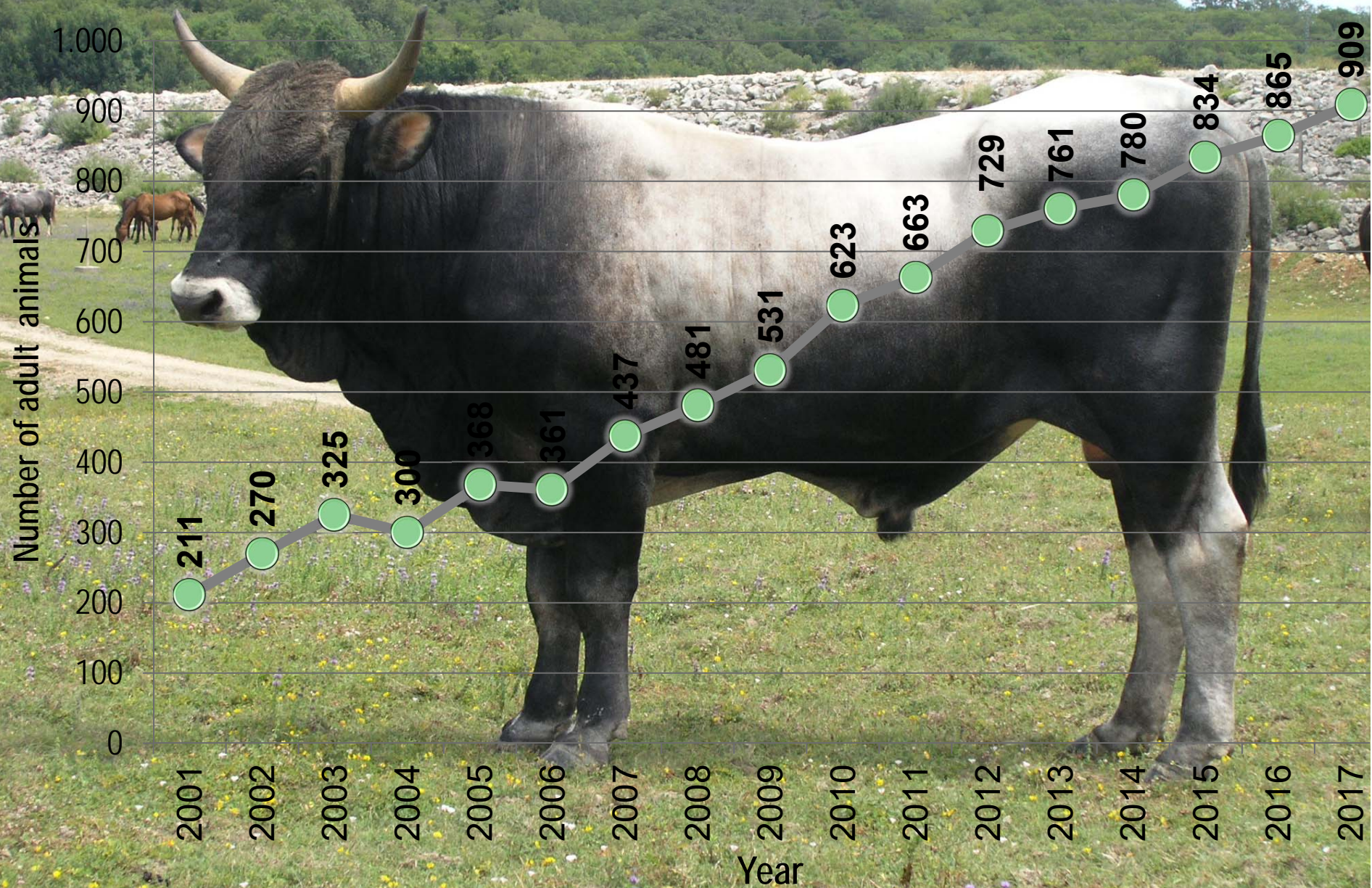
IVANKOVIĆ Ante

*University of Zagreb Faculty of Agriculture,
AnGR NC_ Croatia*

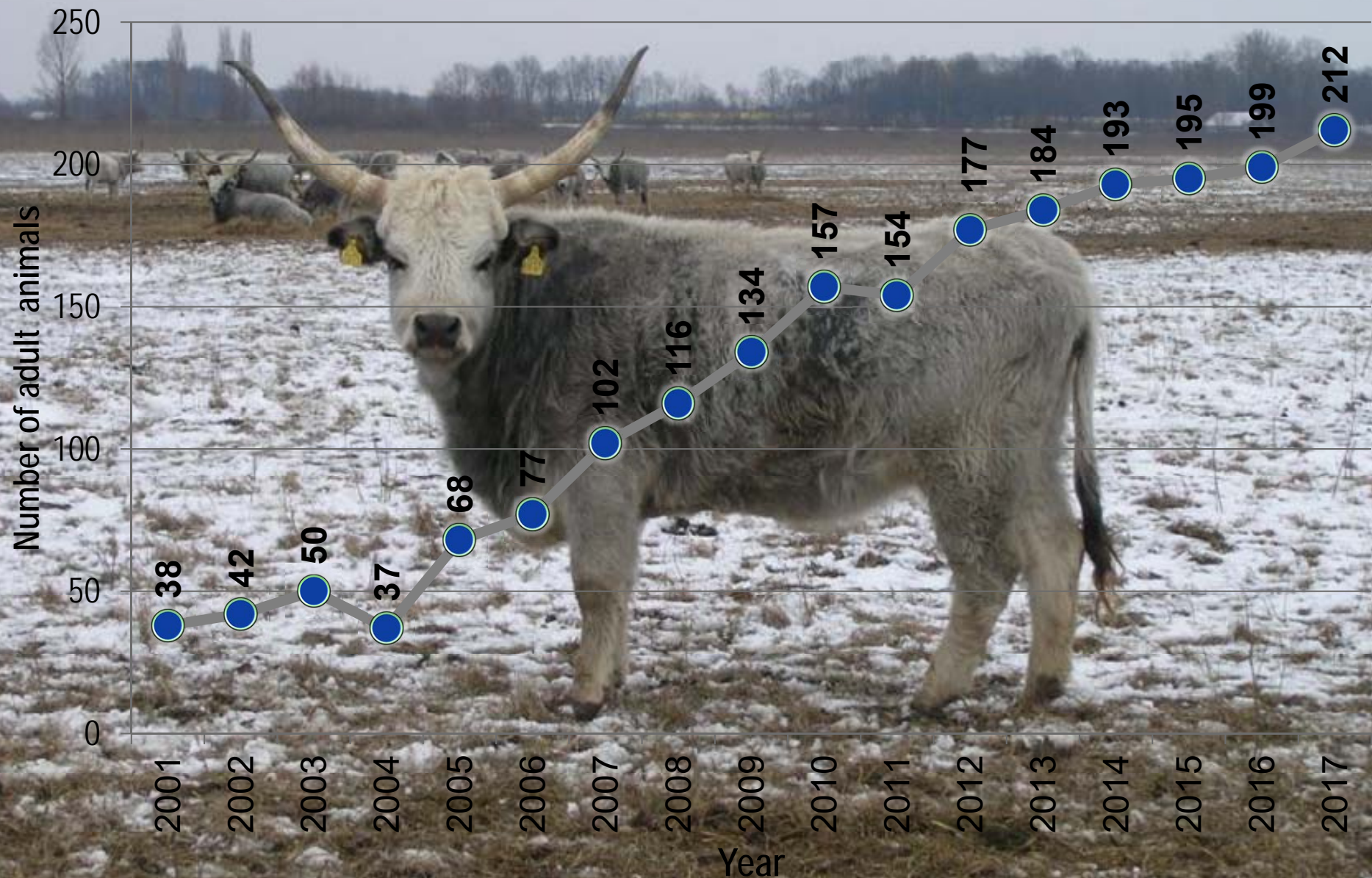
GENERAL

- ⊙ animal genetic resources are our heritage
- ⊙ 28 years experiences in protection of autochthonous breeds
- ⊙ 28 breeds
- ⊙ **National programme** for the protection of autochthonous - native and protected breeds of domestic animals in the Republic of Croatia – **2011**
 - IN SITU
 - EX SITU

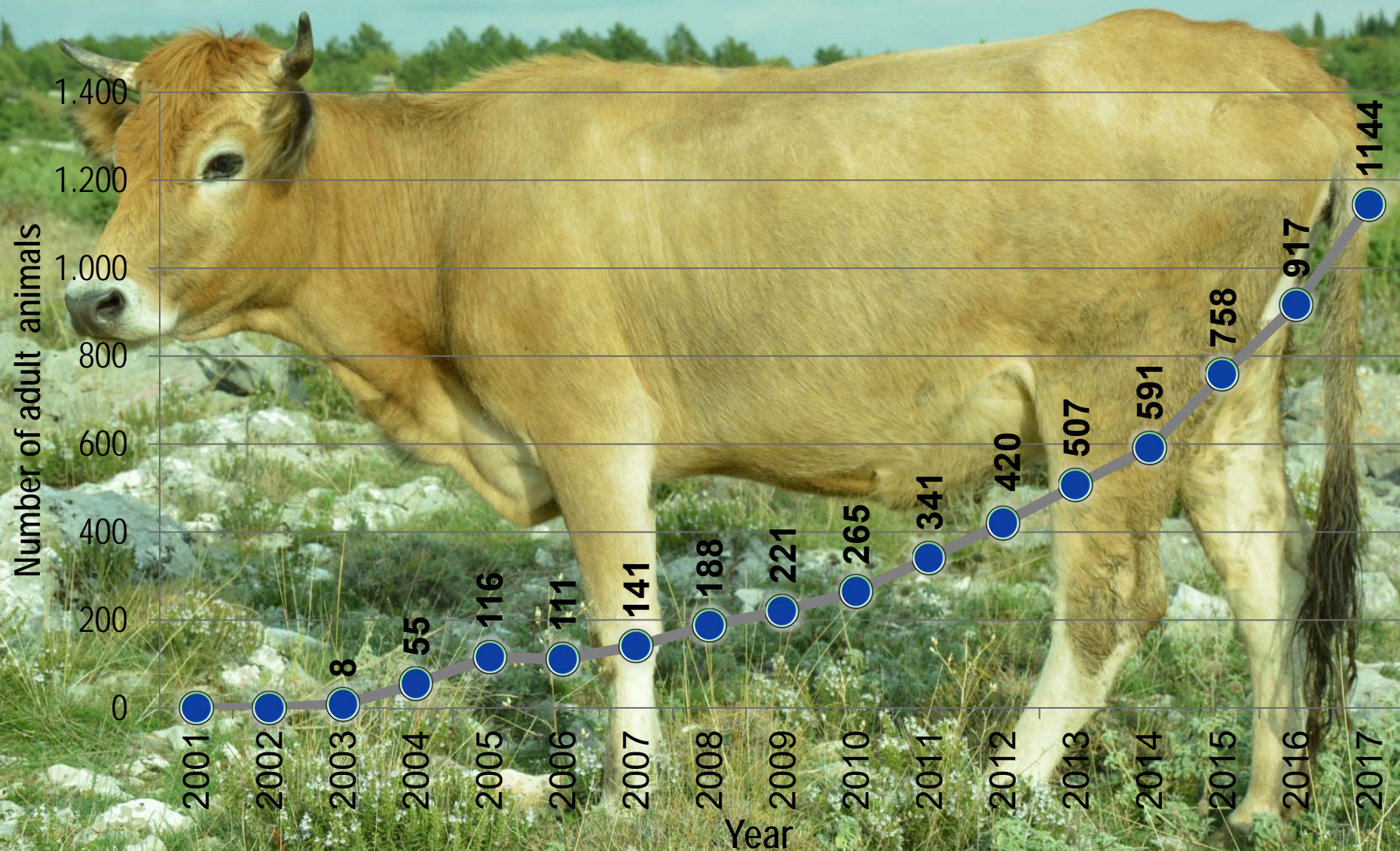
ISTRIAN CATTLE



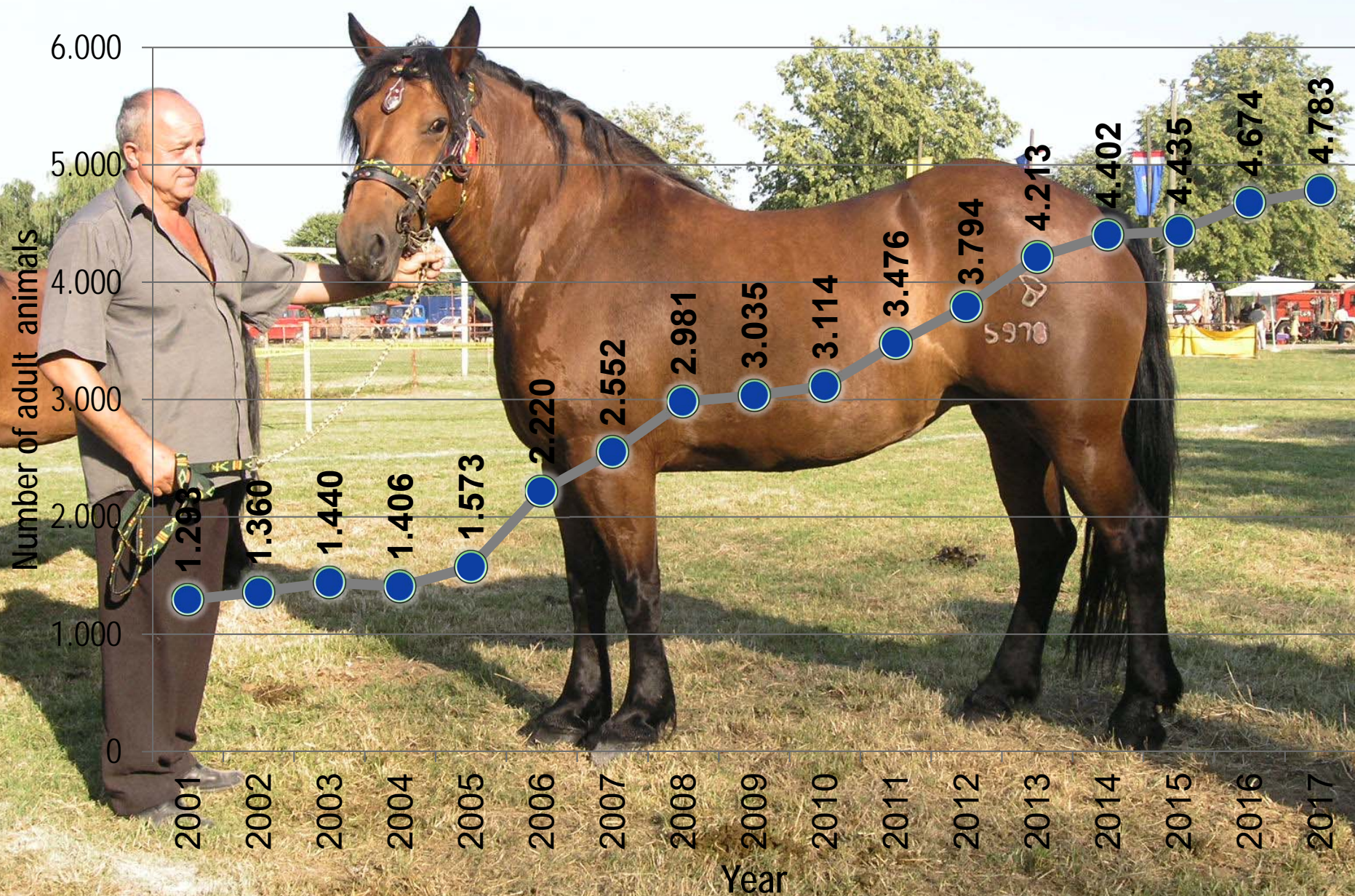
SLAVONIAN SYRMIAN PODOLIAN CATTLE



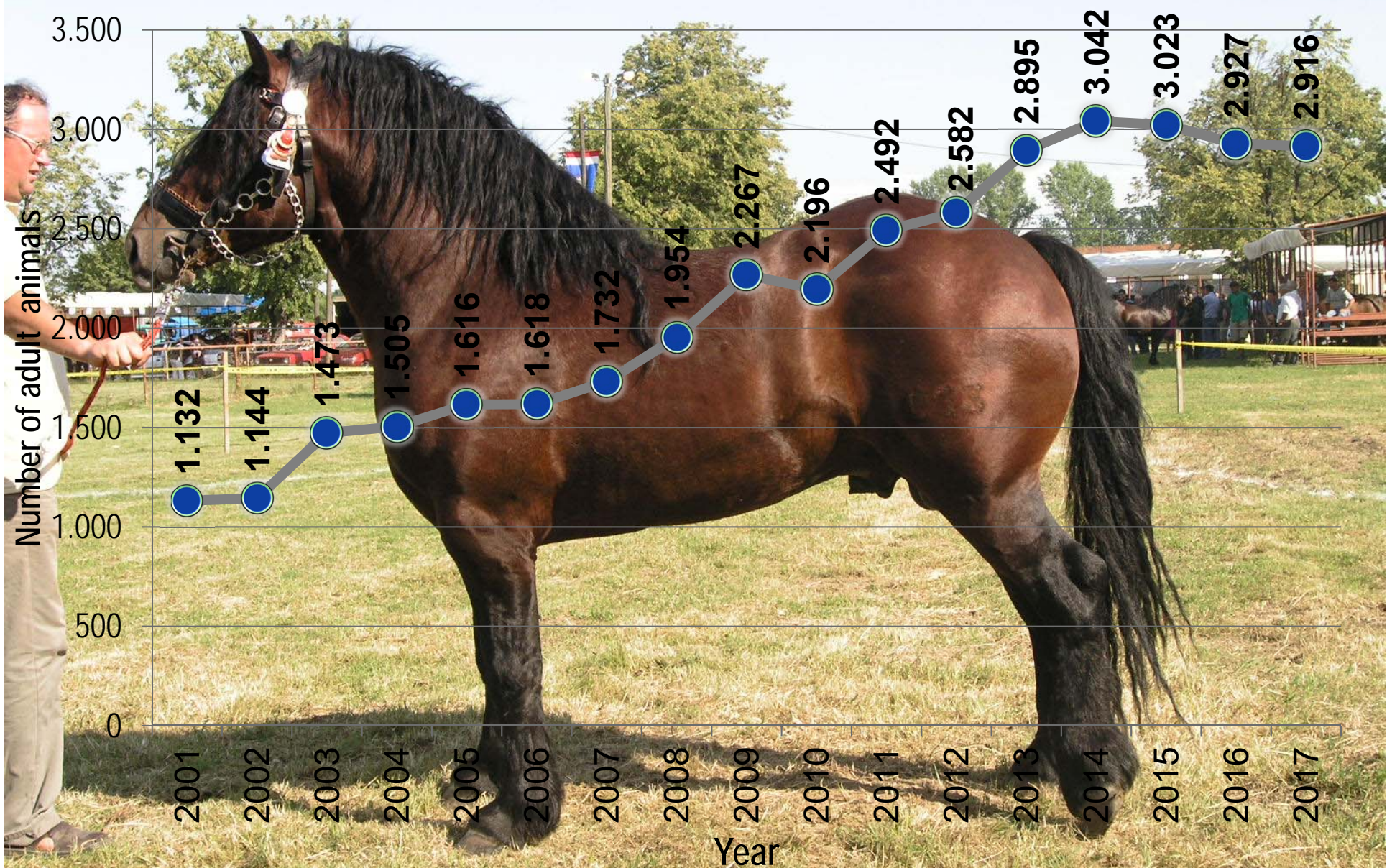
BUŠA CATTLE



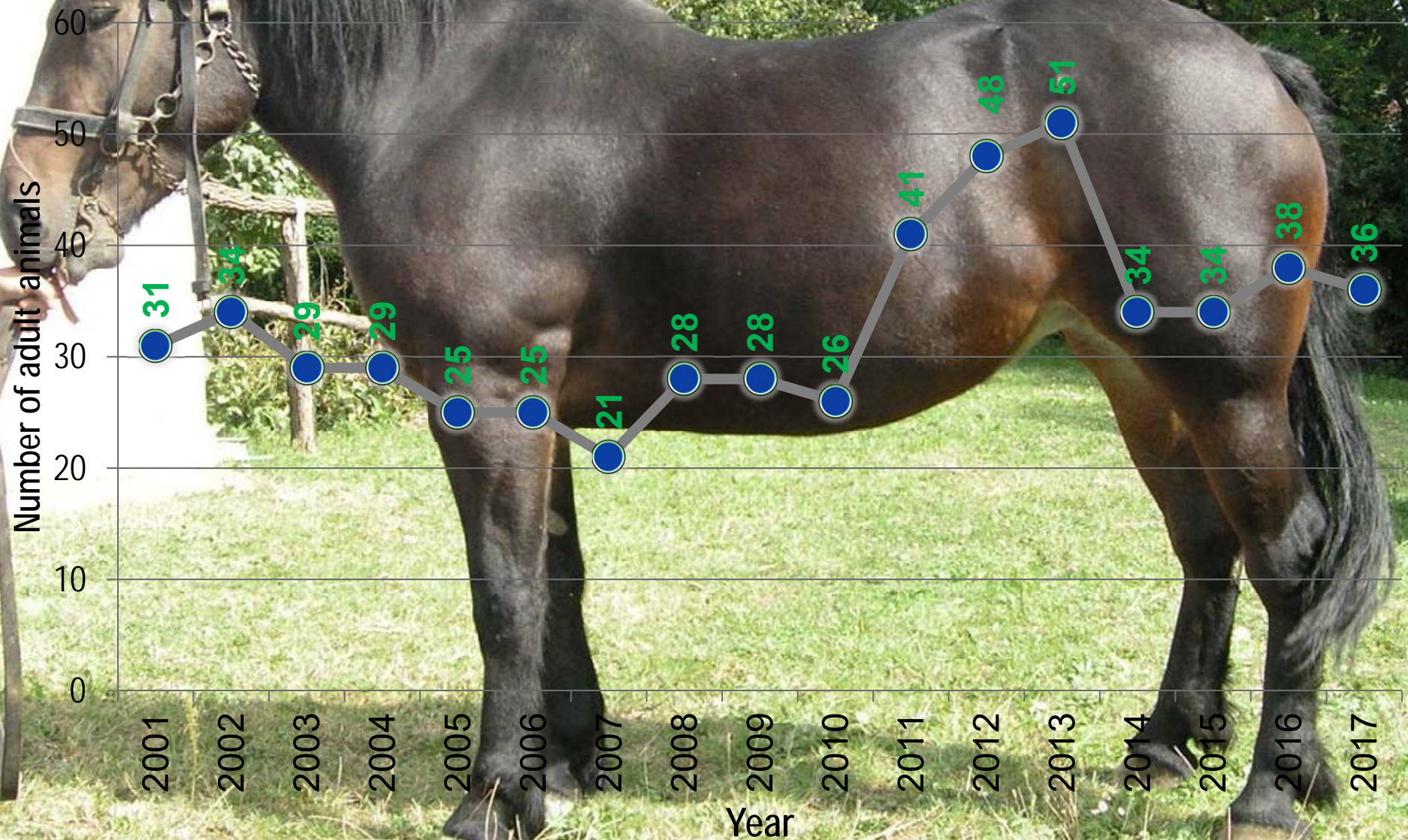
CROATIAN COLDBLOOD HORSE



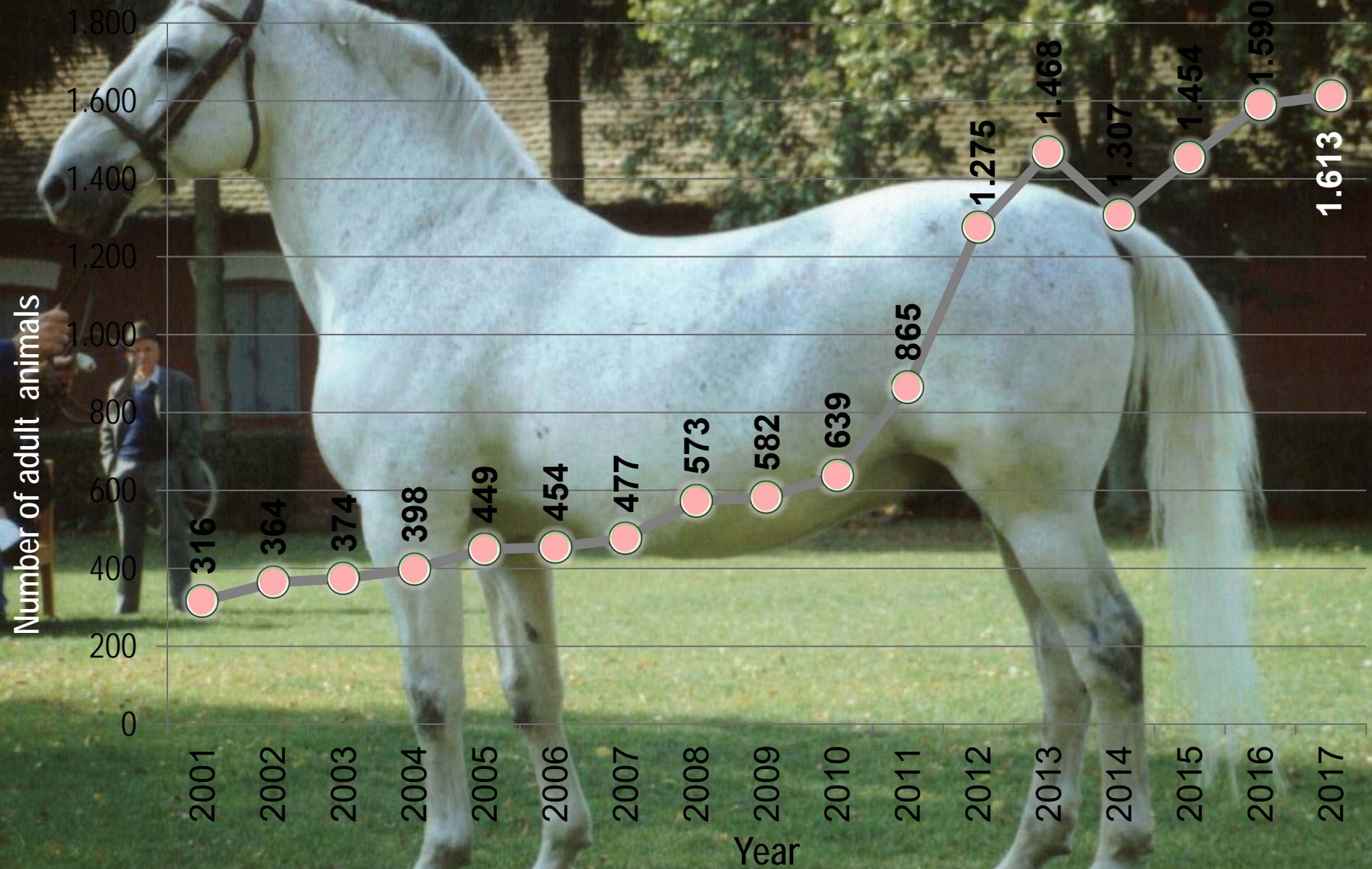
CROATIAN POSAVINA HORSE



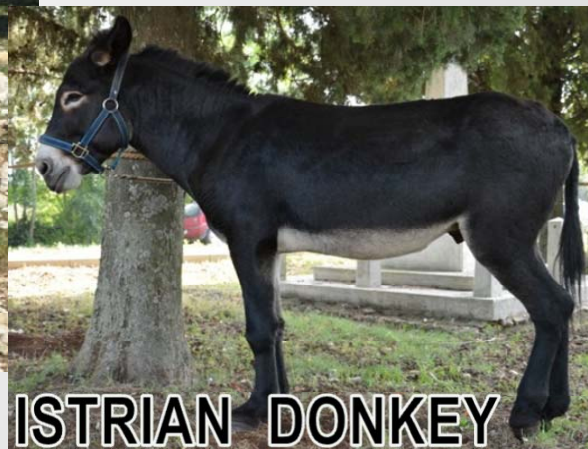
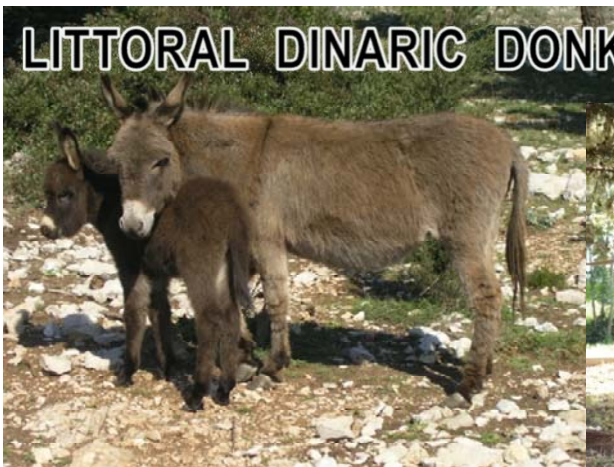
MURINSULANER HORSE



LIPIZZAN HORSE

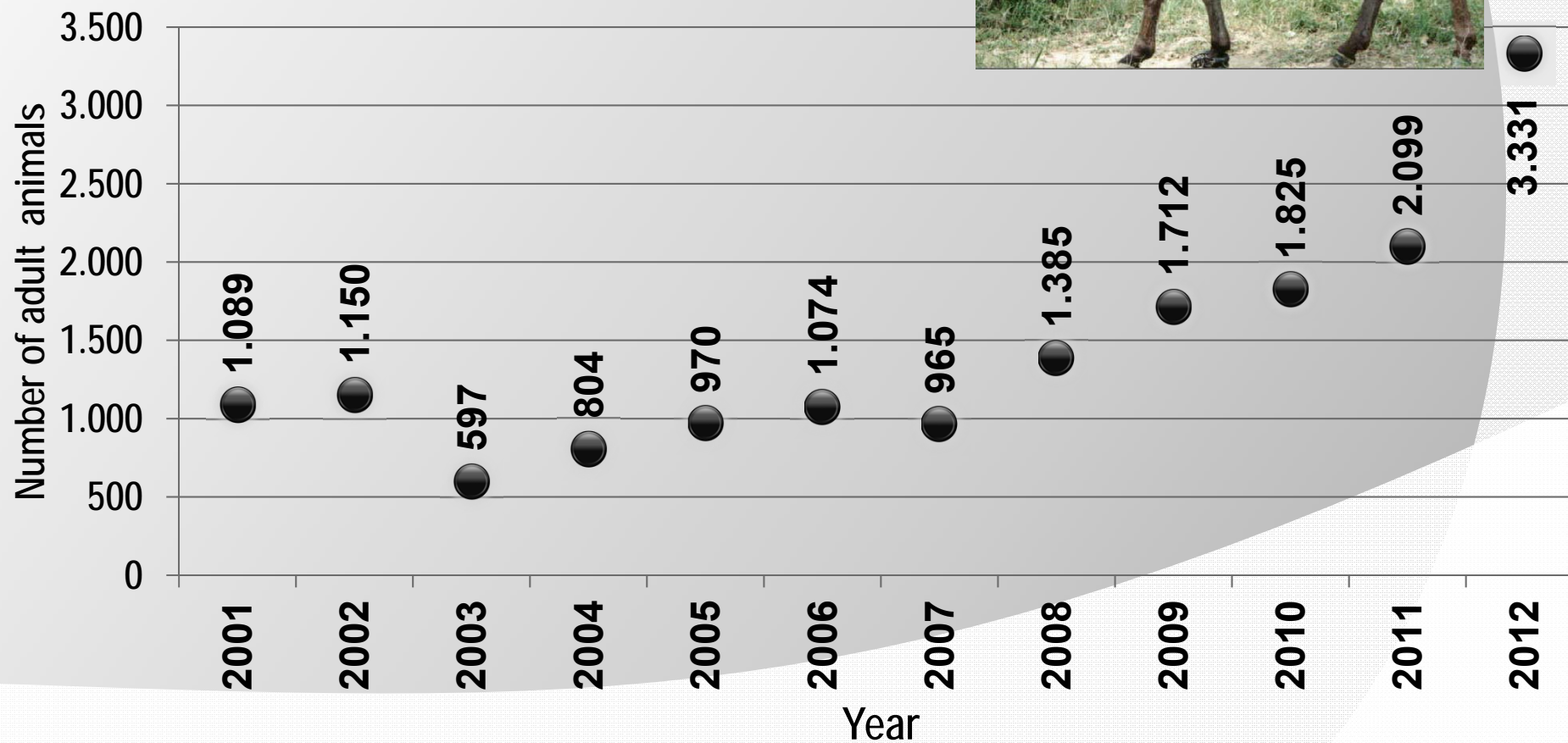
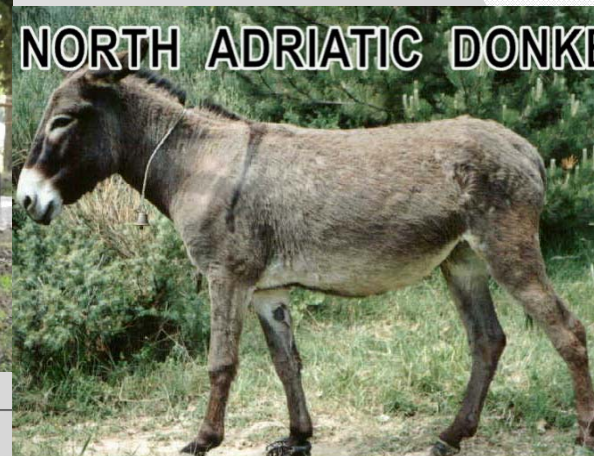


LITTORAL DINARIC DONKEY

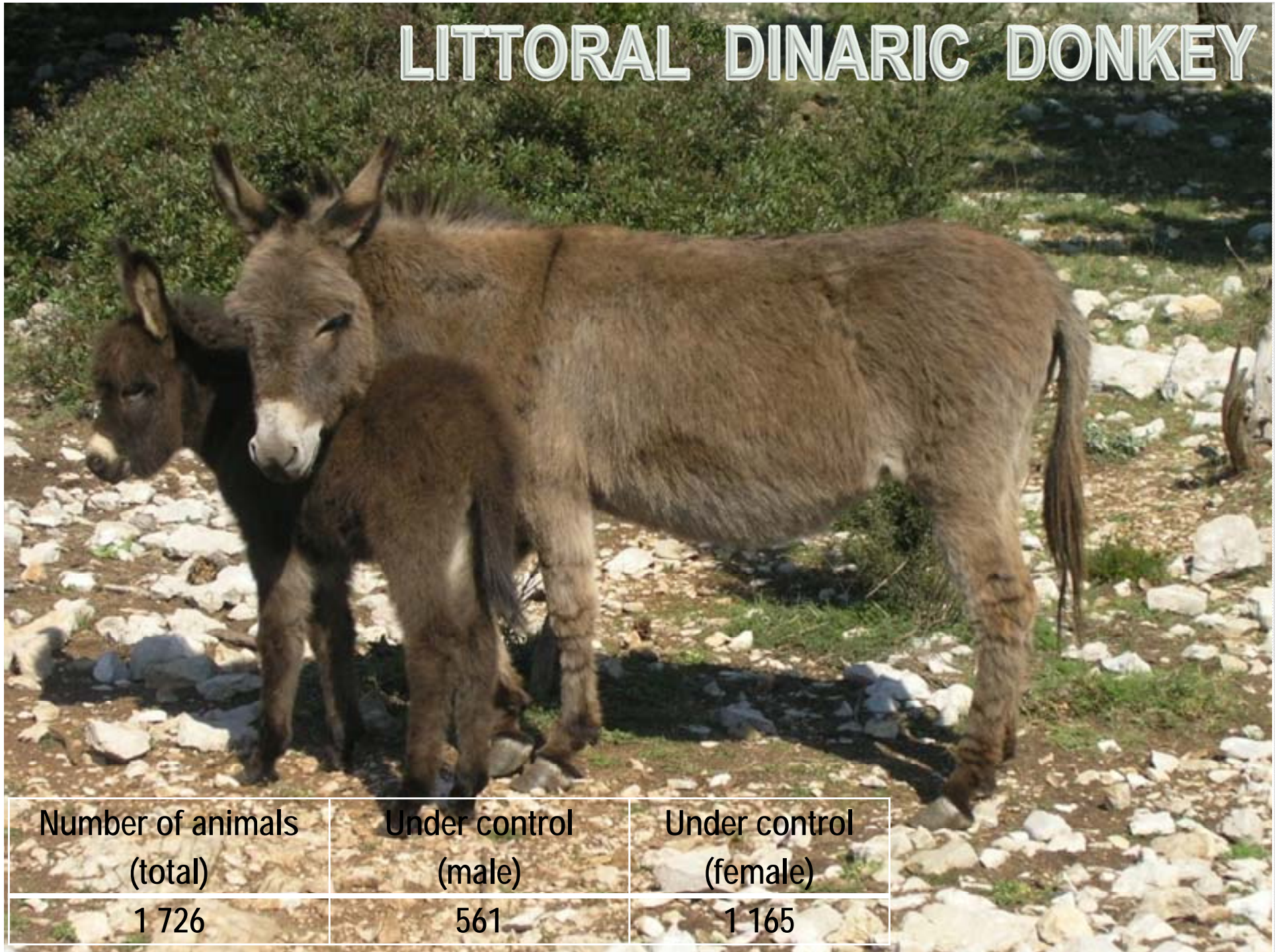


ISTRIAN DONKEY

NORTH ADRIATIC DONKEY



LITTORAL DINARIC DONKEY



Number of animals (total)	Under control (male)	Under control (female)
1 726	561	1 165

ISTRIAN DONKEY



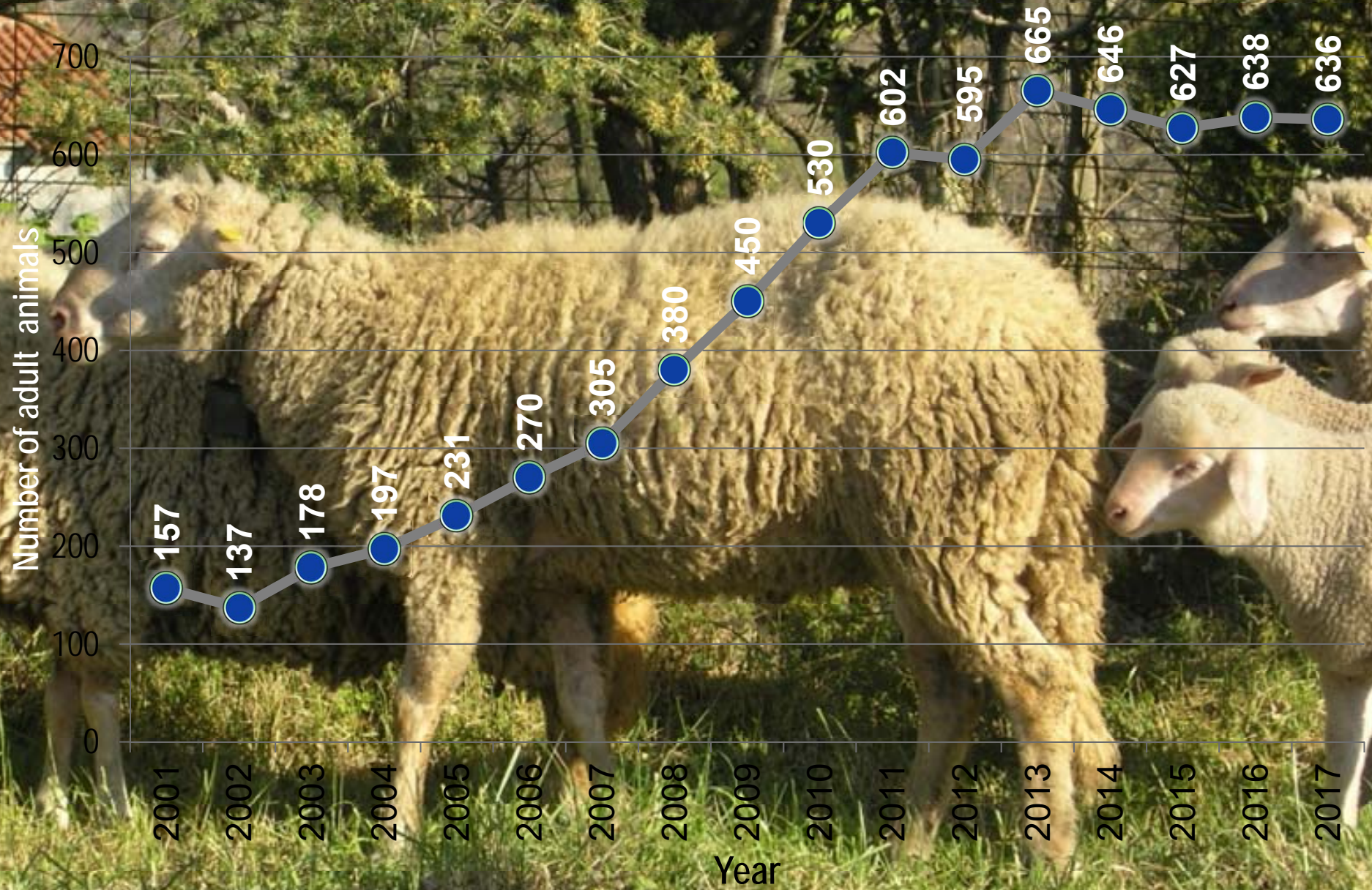
Number of animals (total)	Under control (male)	Under control (female)
371	82	289

NORTH ADRIATIC DONKEY



Number of animals (total)	Under control (male)	Under control (female)
68	15	53

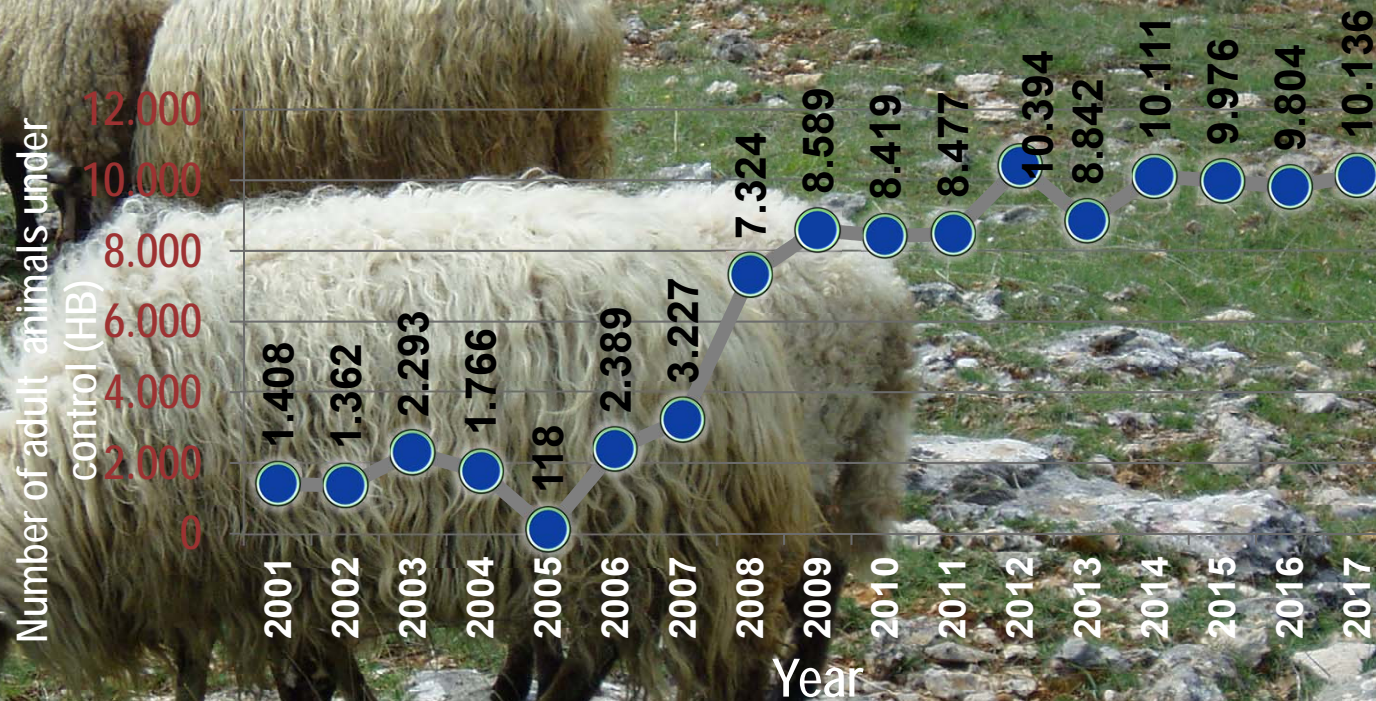
RUDA SHEEP



ISTRIAN SHEEP

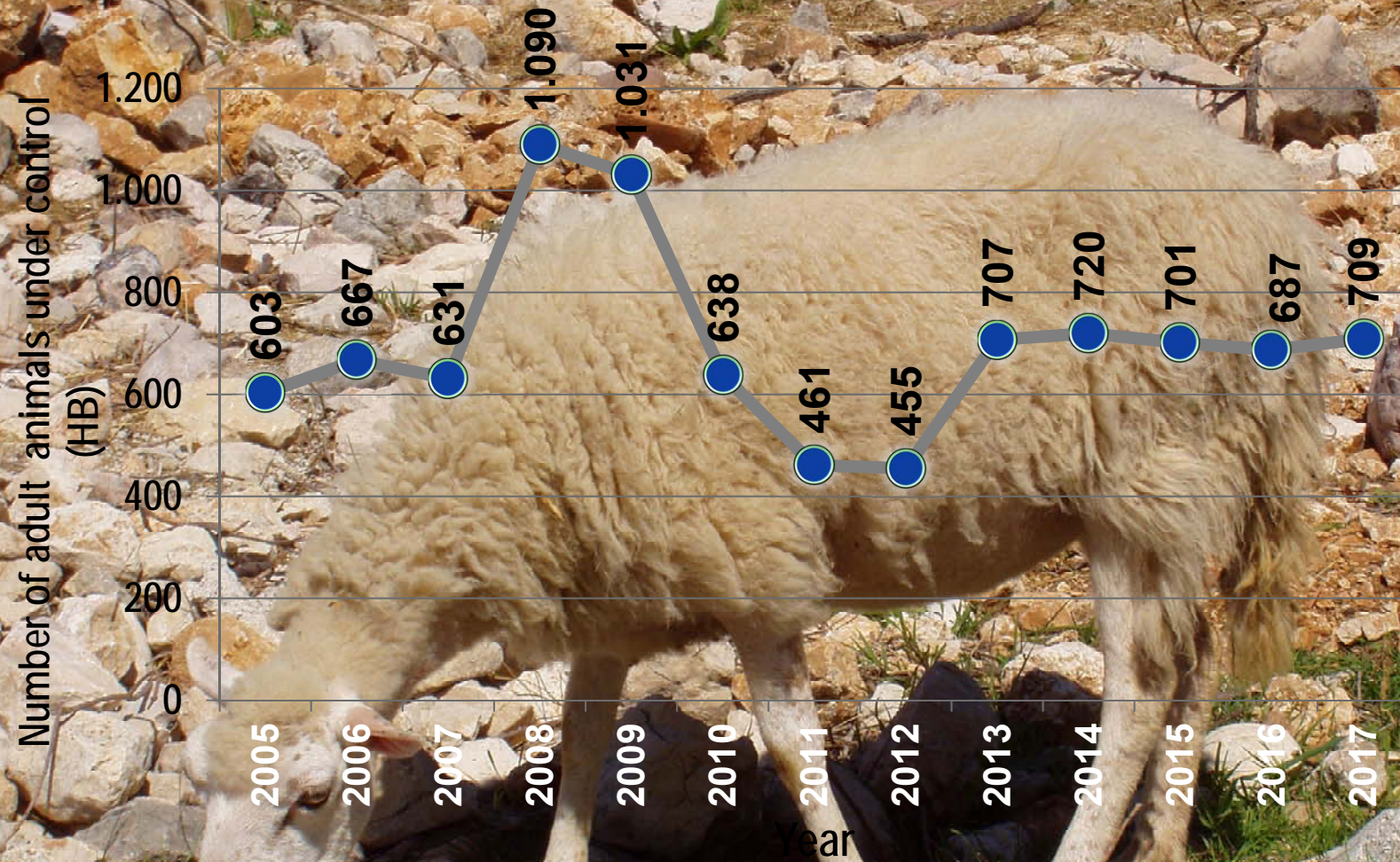


DALMATIAN PRAMENKA SHEEP



Number of animals (total, estimated)	Under control (male)	Under control (female)
280 000*	319	9 817

RAB ISLAND SHEEP



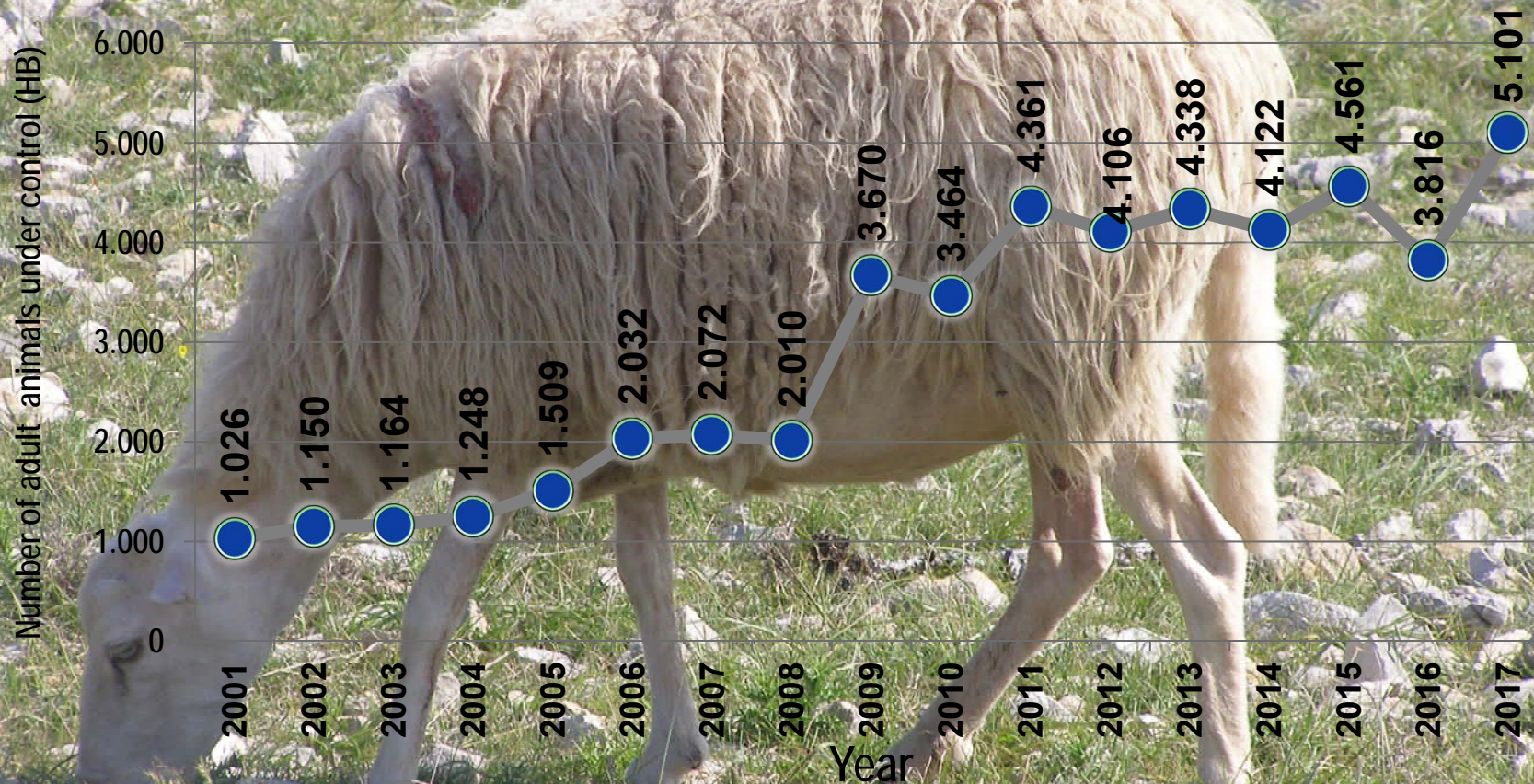
Number of animals (total, estimated)	Under control (male)	Under control (female)
6 500*	48	661

LIKA SHEEP



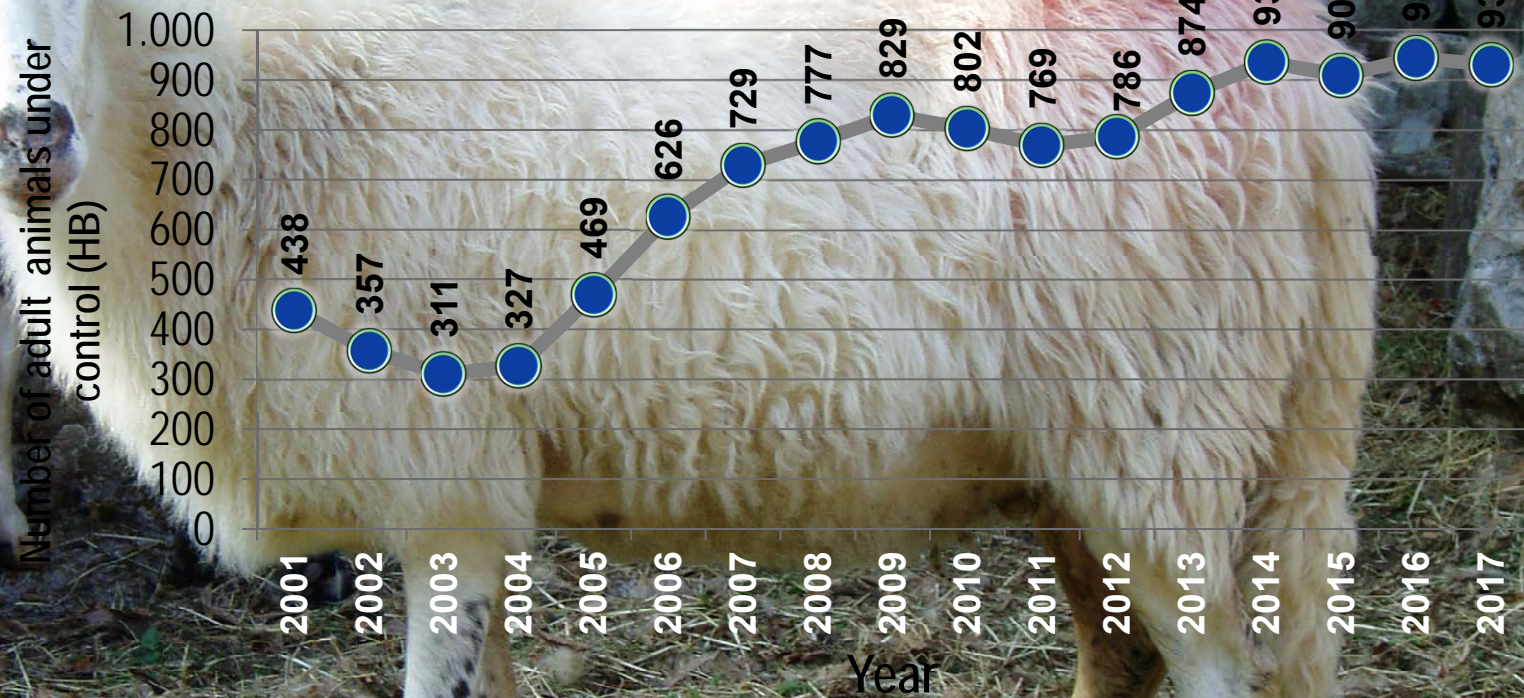
Number of animals (total, estimated)	Under control (male)	Under control (female)
30 000*	343	9 100

PAG ISLAND SHEEP



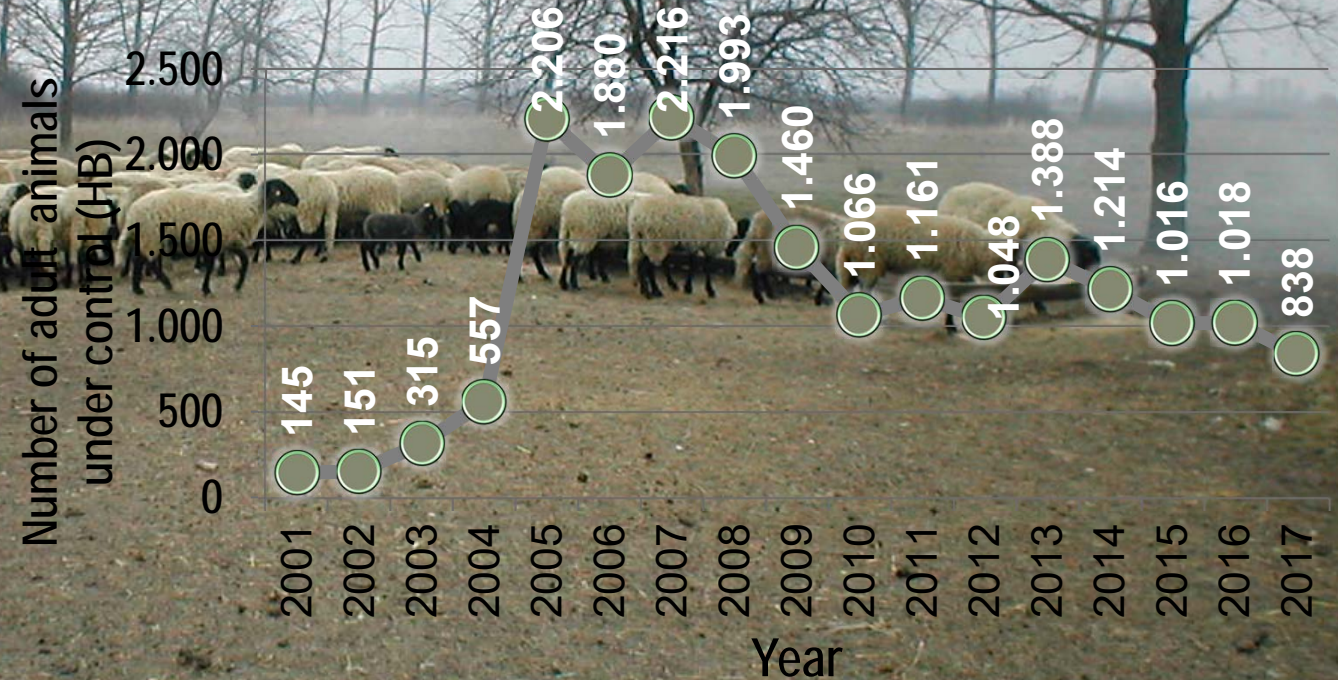
Number of animals (total, estimated)	Under control (male)	Under control (female)
30 000*	245	4 774

CRES ISLAND SHEEP



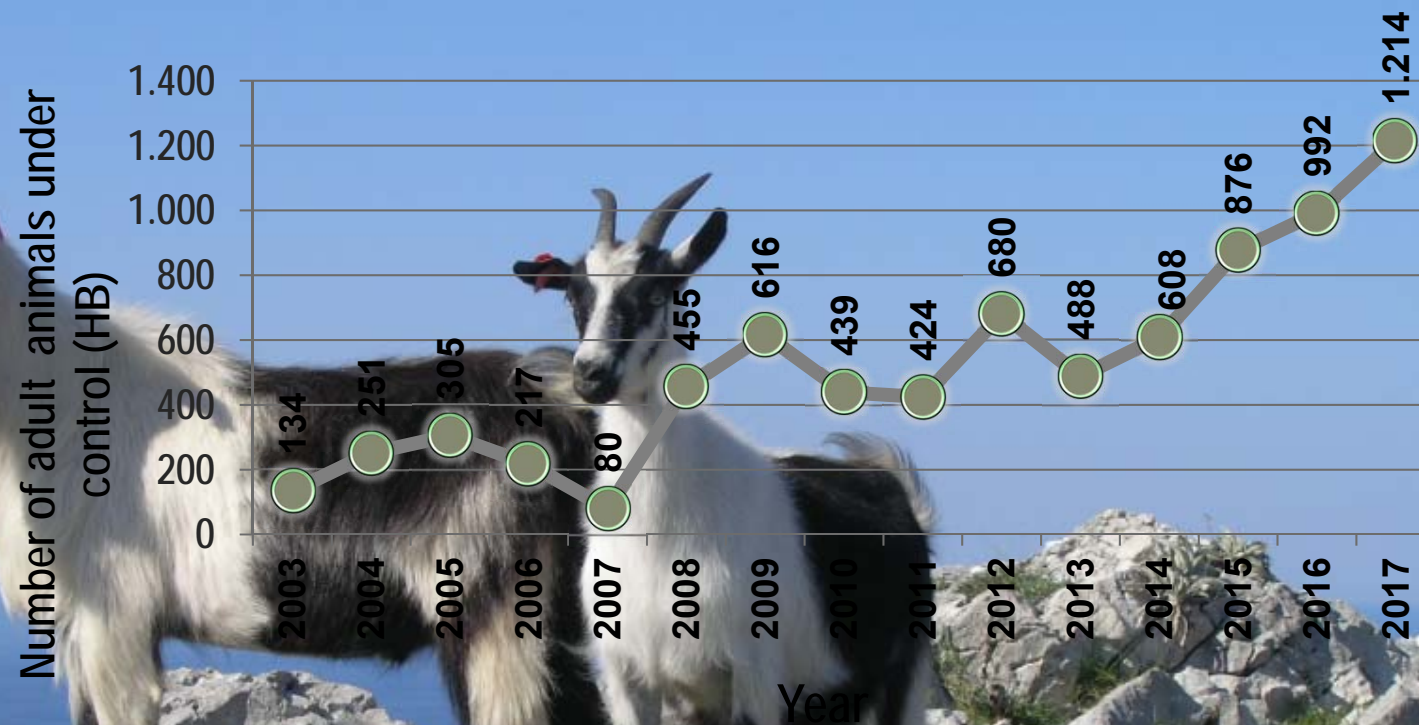
Number of animals (total, estimated)	Under control (male)	Under control (female)
15 000*	44	887

TZIGAI SHEEP



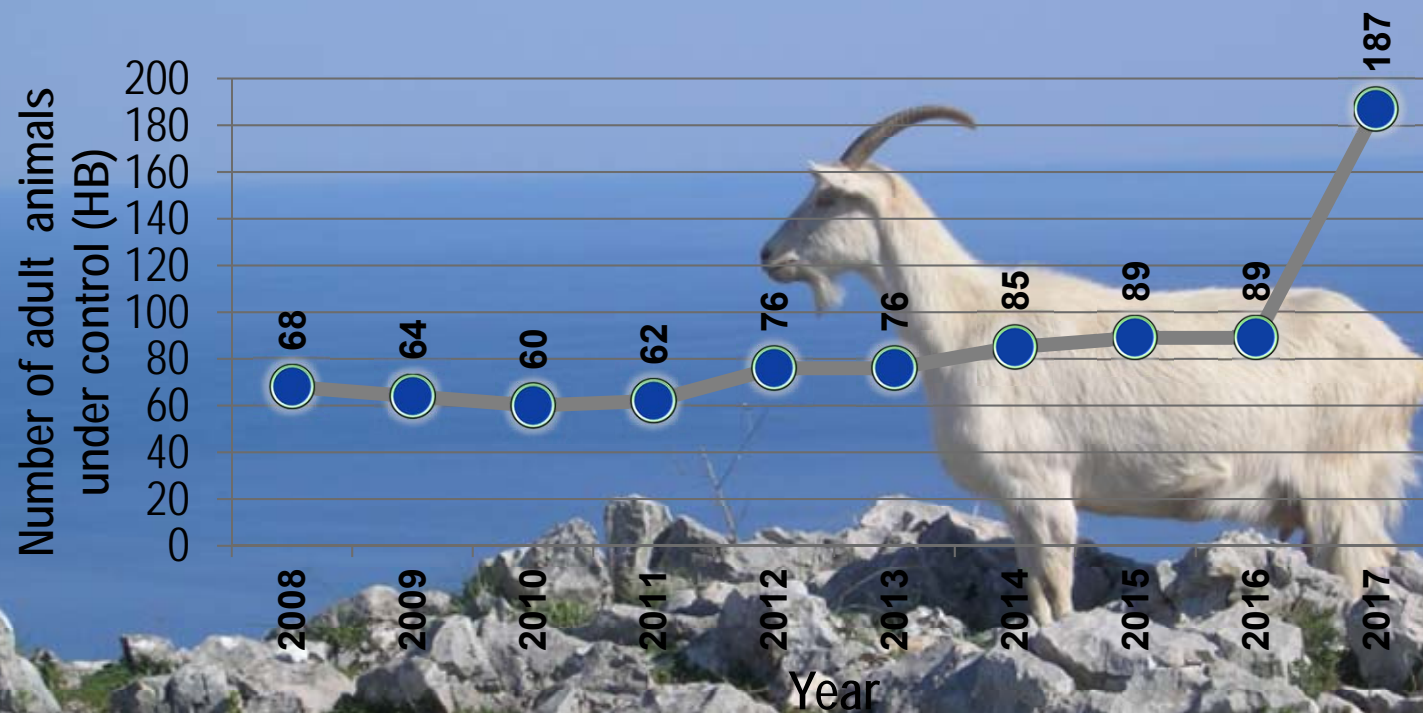
Number of animals (total, estimated)	Under control (male)	Under control (female)
3 000*	22	816

CROATIAN SPOTTED GOAT



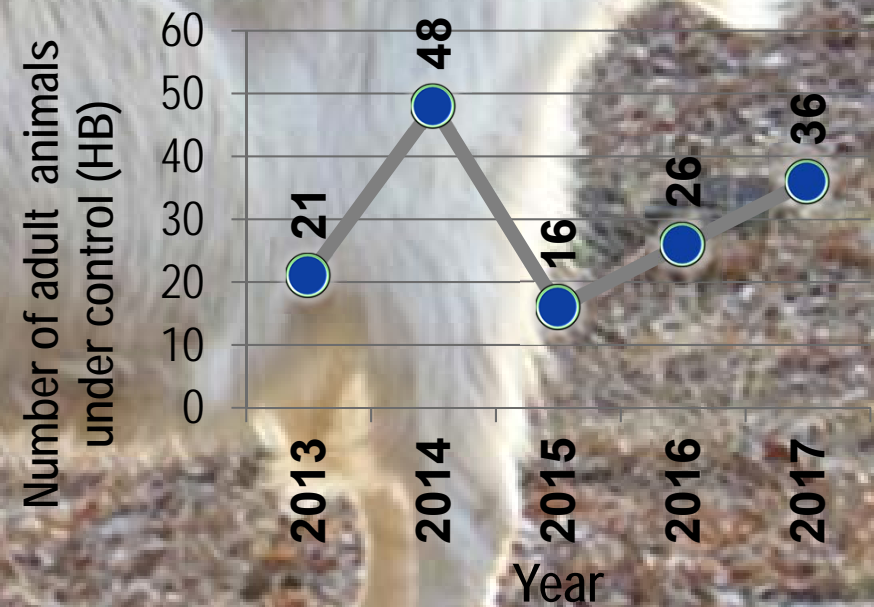
Number of animals (total, estimated)	Under control (male)	Under control (female)
25 000*	73	1.141

CROATIAN WHITE GOAT



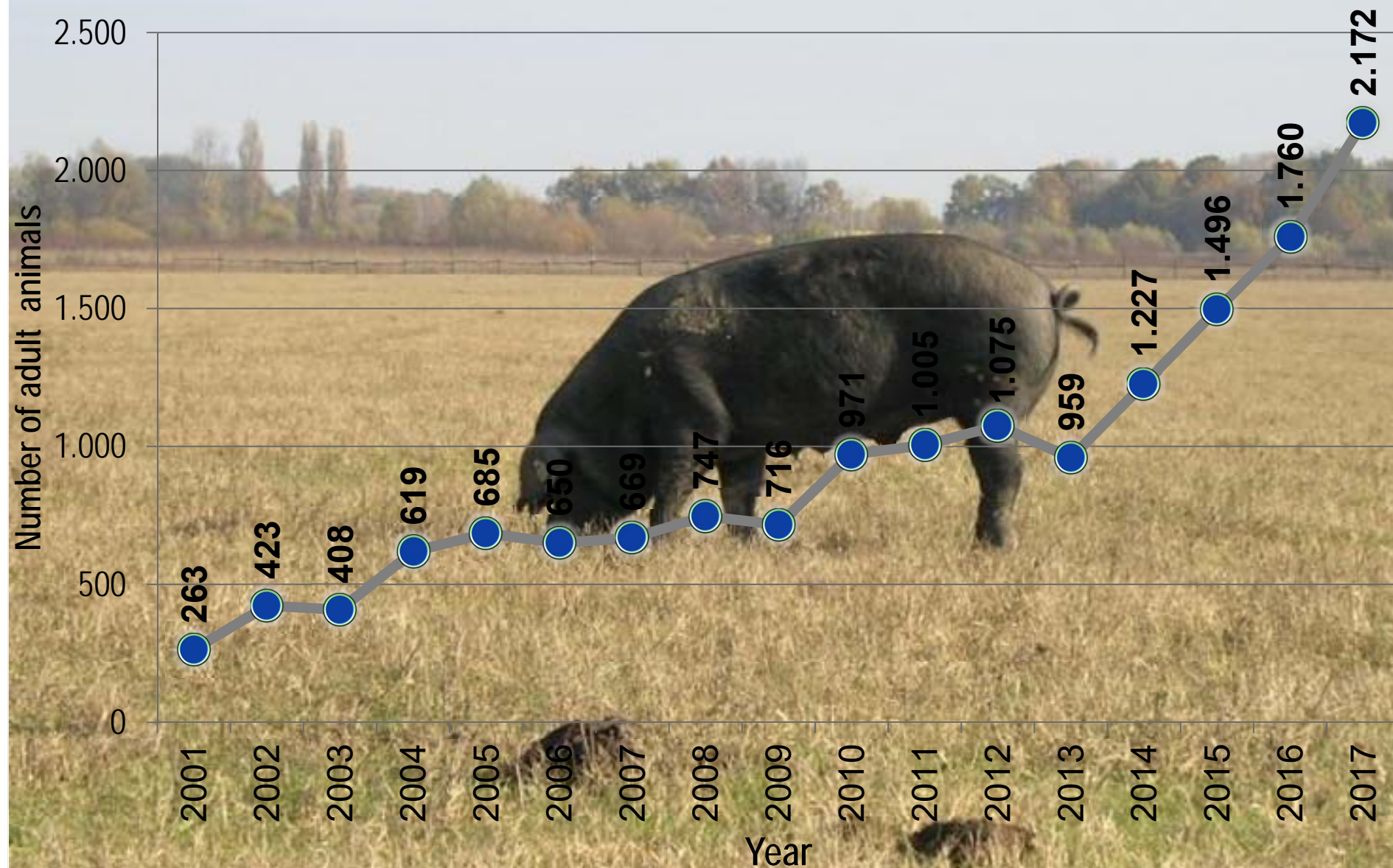
Number of animals (total, estimated)	Under control (male)	Under control (female)
5 000	16	171

ISTRIAN GOAT



Number of animals (total, estimated)	Under control (male)	Under control (female)
35	3	33

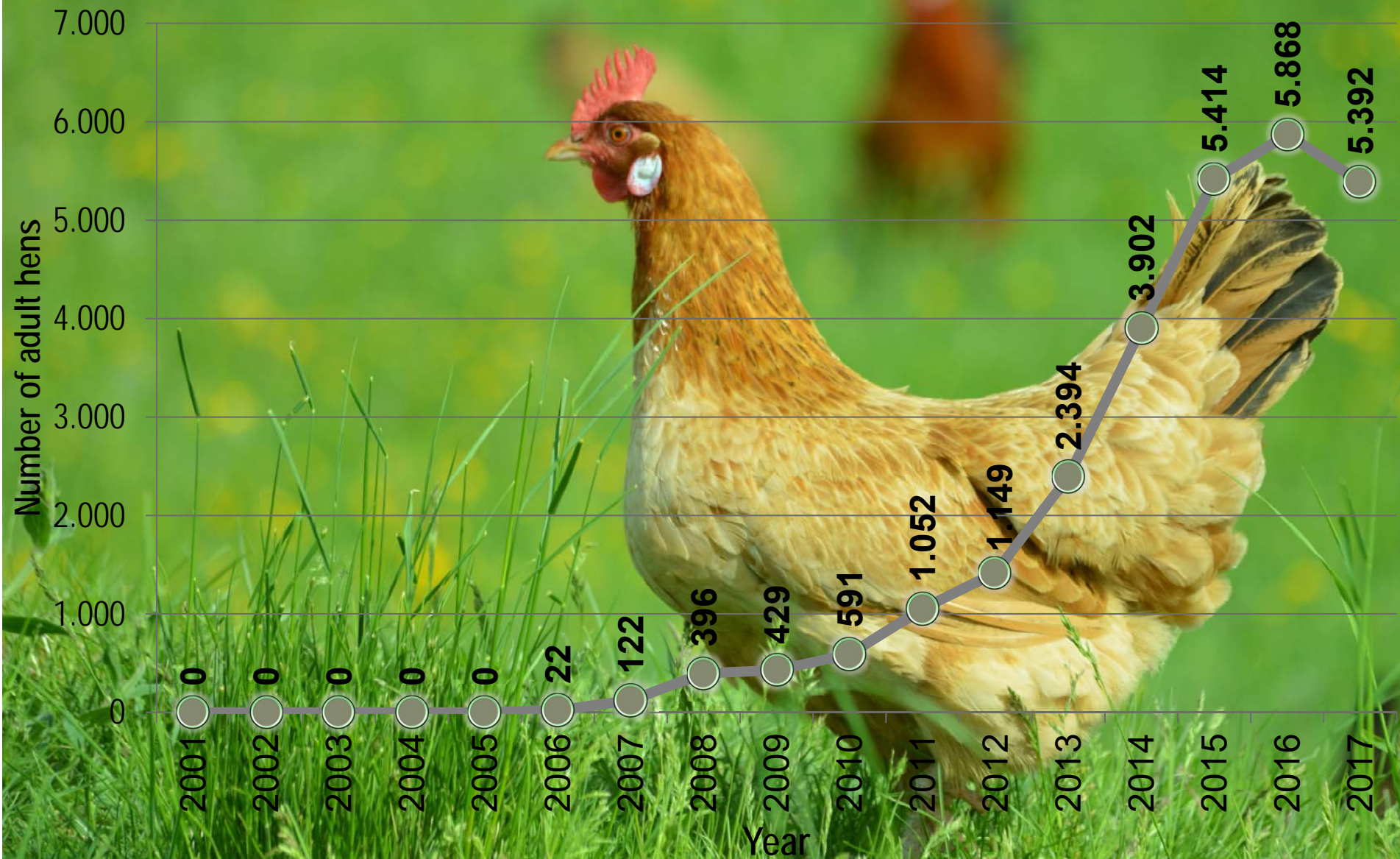
BLACK SLAVONIAN PIG



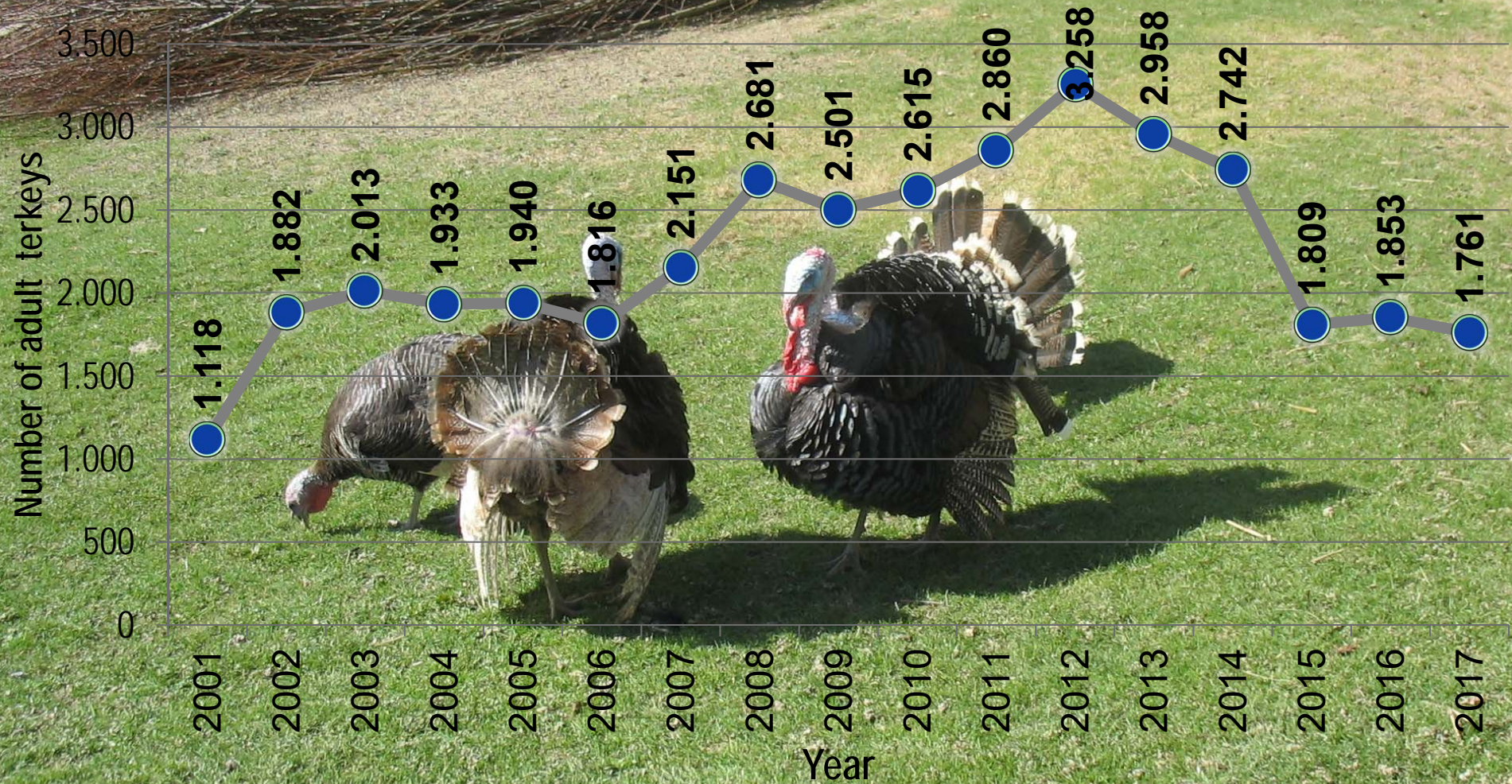
TUROPOLJE PIG



CROATIAN HEN



ZAGORJE TURKEY



Gen Bank for AnGR



**BANKA
GENA**

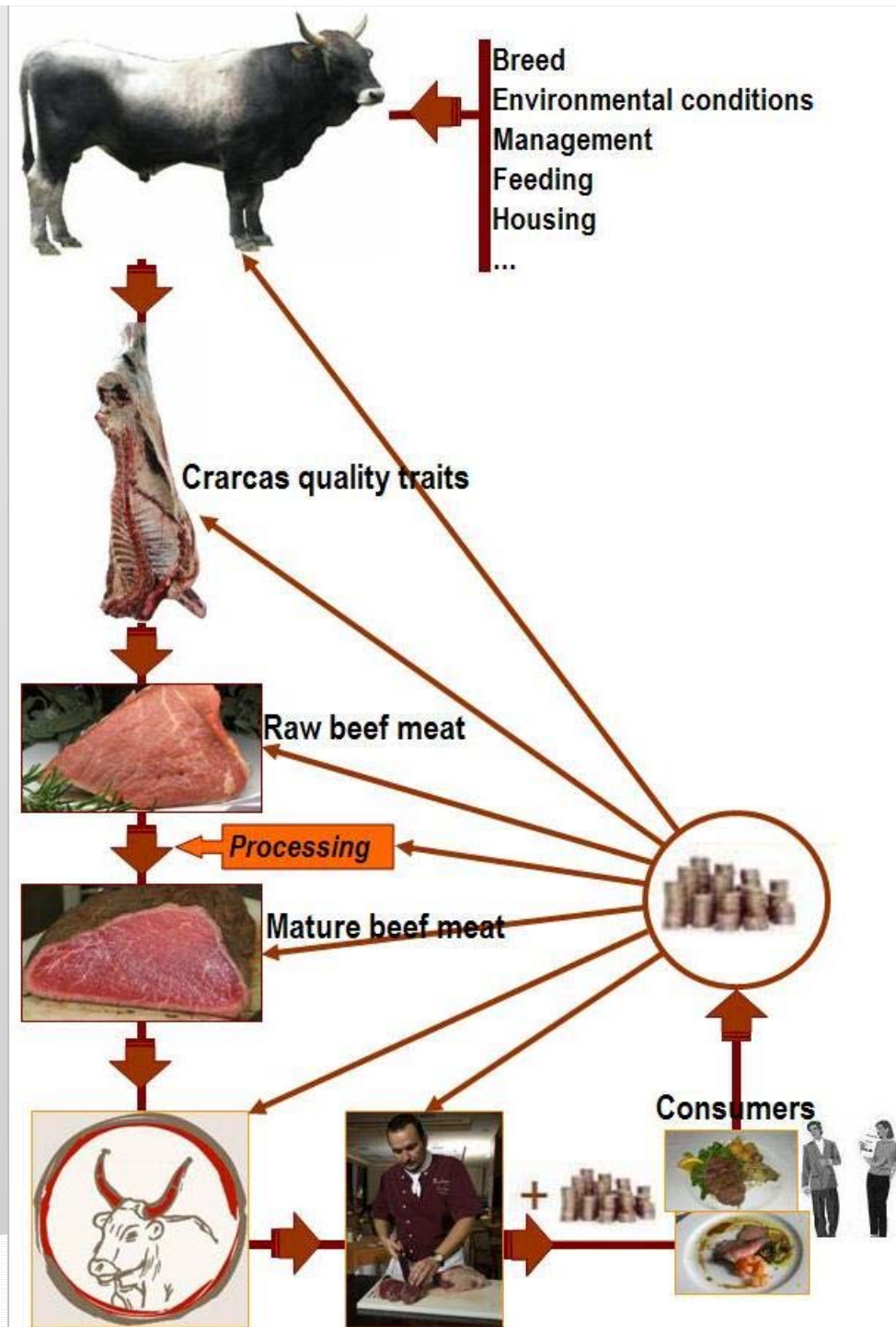
DOMAĆIH ŽIVOTINJA REPUBLIKE HRVATSKE

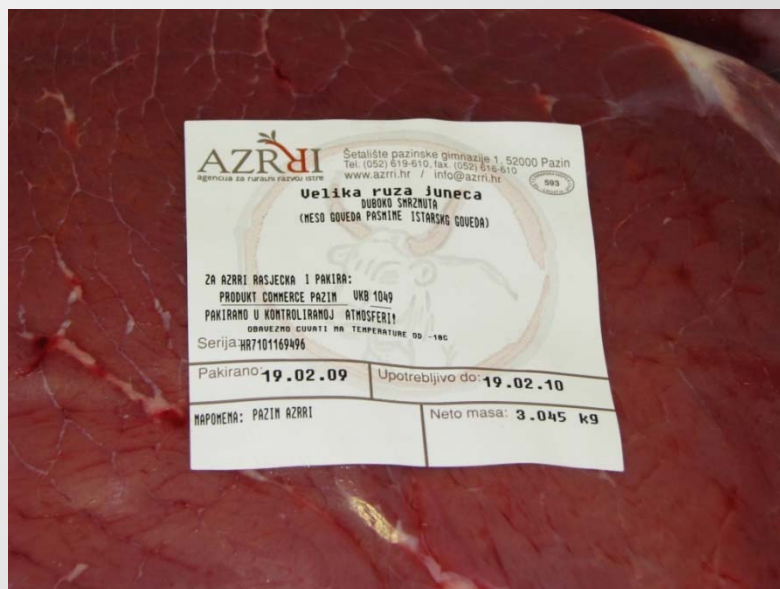
Pasmina Breed	Tip tkiva The type of tissue		Ukupno Total
	Dlaka / Hair	Tkivo / Tissue	
Cigaja	32	68	100
Dalmatinska pramenka	160	674	834
Dubrovačka ruda		76	76
Istarska ovca	113	47	160
Lička pramenka	29	162	191
Paška ovca		73	73
Ukupno / Total	334	1100	1434

CONCLUSION

- ◎ AUTCHTONOUS BREEDS
 - OUR HERITAGE
 - OUR FUTURE
- ◎ WE NEED TO PRESERVE AND PROTECT OUR BREEDS
- ◎ THE BEST WAY – CONSERVAION THROUGH UTILISATION

<http://www.azrri.hr/>
<http://www.azrri.hr/index.php?id=63>









**THANKS FOR YOUR
ATTENTION!**