

Ukraine
Institute of Animal Breeding
and Genetics

Report on State of Ukrainian
Animal Genetic Resources
Description for EFABIS

Number of genofund objects in Ukraine on different species

Species	Number
Cattle	58
Horses	17
Sheep	28
Goats	9
Pigs	27
Chicken	91
Turkeys	15
Geese	22
Ducks	25
Pheasants	18
Quails	12
Pigeon (meat)	12

Species	Number
Ostriches	3
Fish	25
Rabbits	23
Coypu (rat)	10
Chinchilla	7
Other rodents	2
Minks	18
Polecats	4
Foxes	3
Bees	10
Marten hybrids	6
Rare martens	4

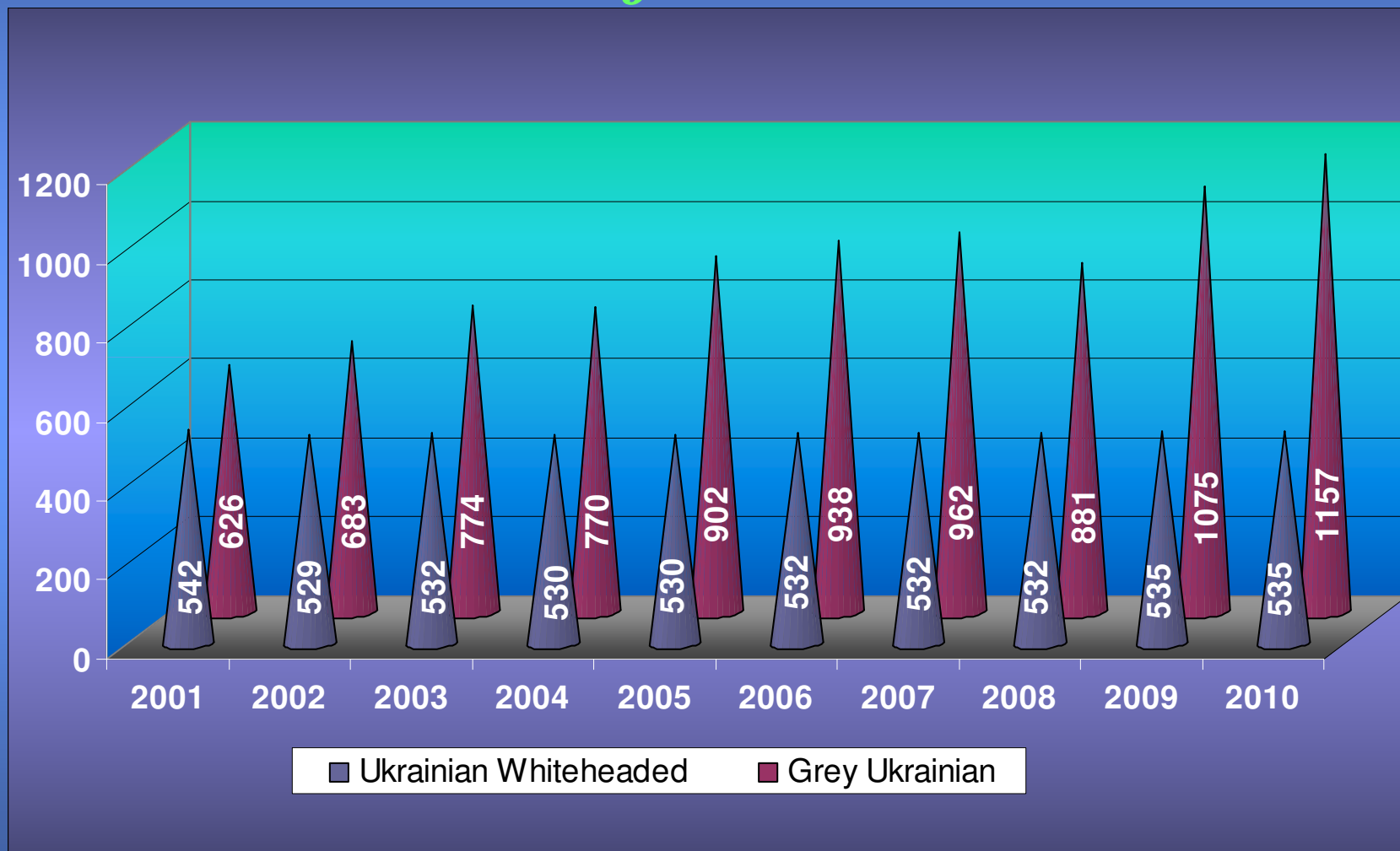
Species	Number
Polar foxes	2
Raccoons	1
Rare cats	2
Mulberry worm	131
Rain worm	3

Class	Number
Mammals	225
Poultry	202
Fish	25
Insects	141
Soil worms	3
Total	596

Classification of Ukrainian genofund objects due to the category of risk status

Category	Explanation	Number
I	Native genofund objects, which are going to disappear	87
II	Native improving breeds (or their innerbreed types)	98
III	Reserve genofund of better foreign improving breeds (or their innerbreed types)	411

Population of endangered cattle breeds of Ukraine



Grey Ukrainian
(Sira Ukrajinaska)



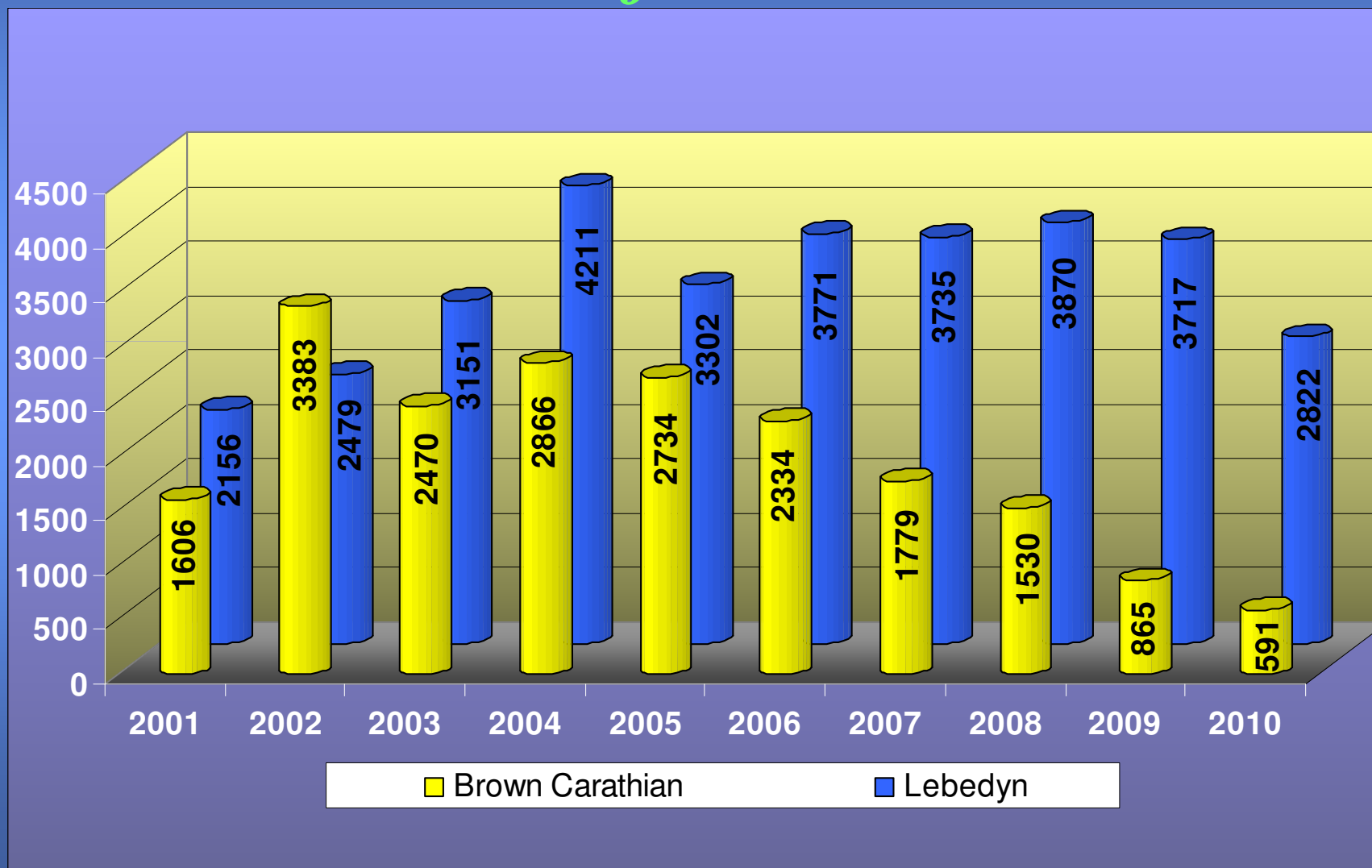
<i>Farm</i>	<i>Number of livestock</i>	
	<i>total, heads</i>	<i>cows</i>
“Polyvanivka” in the south of Ukraine	765	266
“Markeevo” in the south of Ukraine	157	76
“Fota” in the east of Ukraine	162	71
“Golosijevo” in the central part of Ukraine	73	36
<i>Total in Ukraine</i>	1157	449

Ukrainian Whiteheaded (Ukrajinska Bilogolova)



<i>Farm</i>	<i>Number of livestock</i>		<i>Performance, kg</i>	
	<i>total, heads</i>	<i>cows</i>	<i>yield</i>	<i>milk fat yield</i>
“Antoninske” in the northwest of Ukraine	535	190	3456	131,15

Population of endangered cattle breeds of Ukraine



Brown Carpathian (Boora Karpatska)



<i>Farm</i>	<i>Number of livestock</i>		<i>Performance, kg</i>	
	<i>total, heads</i>	<i>cows</i>	<i>yield</i>	<i>milk fat yield</i>
“Zakarpatskiy” (Transcarpathian) in the west of Ukraine	145	62	3022	112,14
“Lastochka” (“Swallow”) in the west of Ukraine	291	75	3273	121,80
“Agrostar” Ltd. in the west of Ukraine	94	72	2413	97,99
Experimental farm of Transcarpathian institute	61	61	1667	65,80
<i>Total in Ukraine</i>	591	270	2350	99,28

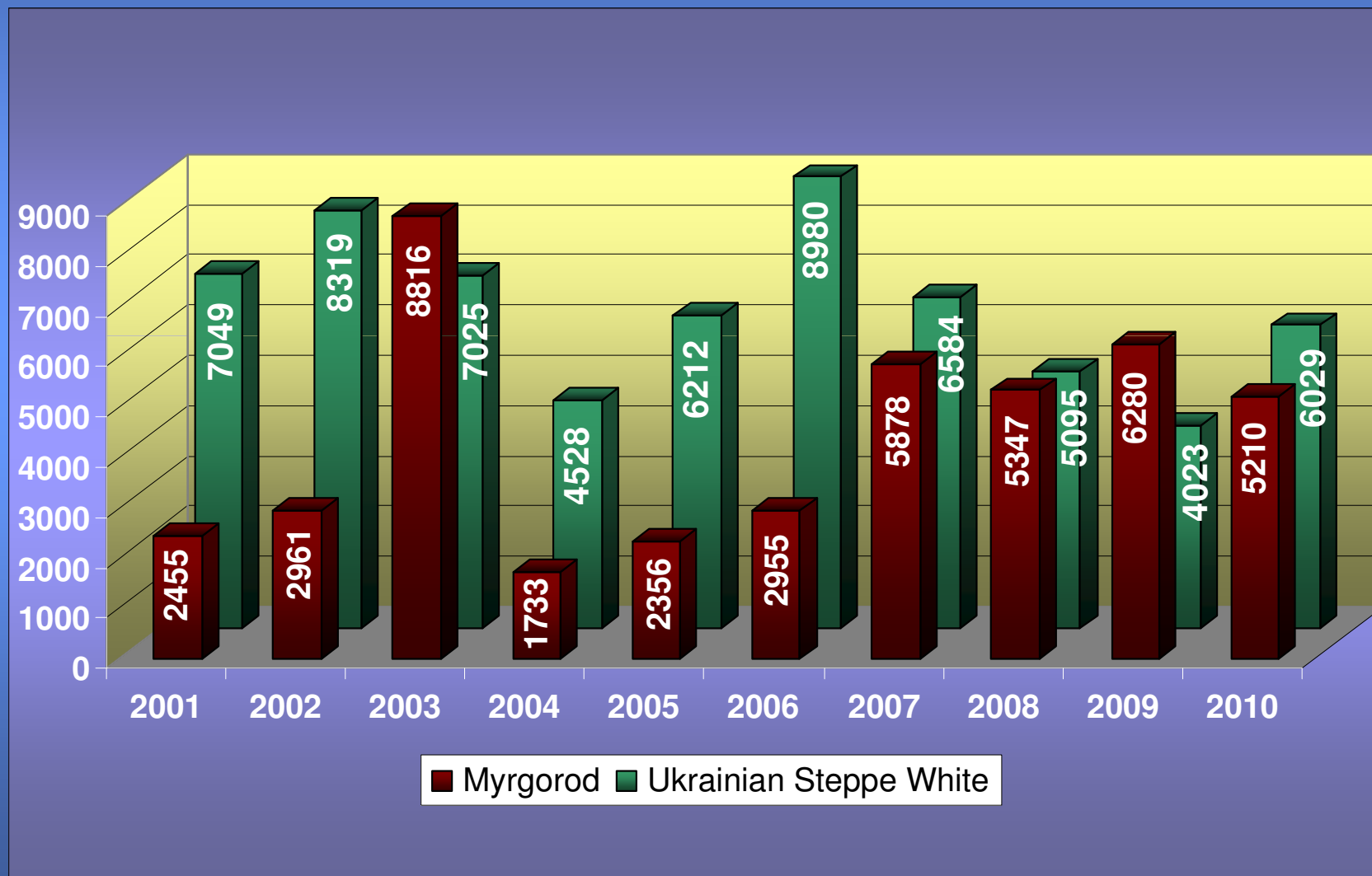
Lebedynian

(Lebedynska, Lebedyn)



<i>Farm</i>	<i>Number of livestock</i>		<i>Performance, kg</i>		
	<i>total, heads</i>	<i>cows</i>	<i>yield</i>	<i>milk fat yield</i>	<i>milk protein yield</i>
“Muhajlivka” in the northeast	730	311	2954	115,09	97,73
“Sud” (“Garden”) in the northeast	482	150	4787	183,07	157,65
“Komishunske” in the northeast	517	287	4494	172,93	-
“Mrija” (“Dream”) Ltd. in the central part of Ukraine	615	200	3652	148,26	120,07
“Peremogets” (“Triumph”) in the central part of Ukraine	350	200	3970	163,00	133,00
“Promin” (“Ray”) in the central part	128	77	3509	131,00	109,00
<i>Total in Ukraine</i>	2822	1225	3872	151,75	120,87

Population of endangered pig breeds of Ukraine



Ukrainian Steppe White

(Ukrajinska stepova bila)



<i>Farm</i>	<i>Number of livestock</i>		
	<i>total, heads</i>	<i>male, heads</i>	<i>female, heads</i>
“Kahovske” in the south of Ukraine	1774	7	182
“Ekoprodookt-2009” in the south	1449	12	130
Experimental farm of the Institute of steppe regions	188	17	100
“Volna” (“Wave”) in the south	1595	16	150
“Lidija” in the south of Ukraine	1023	11	80
<i>Total in Ukraine</i>	6029	63	642

Myrgorodian, Myrgorod (Myrgorodska)



<i>Farm</i>	<i>Number of livestock</i>		
	<i>total, heads</i>	<i>male, heads</i>	<i>female, heads</i>
Experimental farm of Poltava Institute (in the central part)	2008	30	200
“Amila” in the west of Ukraine	1123	11	83
“Pershe travnya” in the northeast of Ukraine	748	10	100
“Sharivka” in the northwest of Ukraine	123	7	36
<i>Total in Ukraine</i>	4002	58	419

Population of endangered pig breeds of Ukraine



Ukrainian Steppe Black-and-White

(Ukrajinska stepova rjaba)



<i>Farm</i>	<i>Number of livestock</i>		
	<i>total, heads</i>	<i>male, heads</i>	<i>female, heads</i>
Experimental farm of the Institute of steppe regions (in the south of Ukraine)	90	6	50

Large Black (Velyka chorna)



<i>Farm</i>	<i>Number of livestock</i>		
	<i>total, heads</i>	<i>male, heads</i>	<i>female, heads</i>
“Chervona zirka” pedigree farm in the east	768	9	150
“Dzvenyache” in central part	503	4	50
“Majak” Ltd. in the central part	759	8	120
<i>Total in Ukraine</i>	2030	21	320

Population of endangered horse breeds of Ukraine



Gootsulian, Gootsool (Gootsoolska)



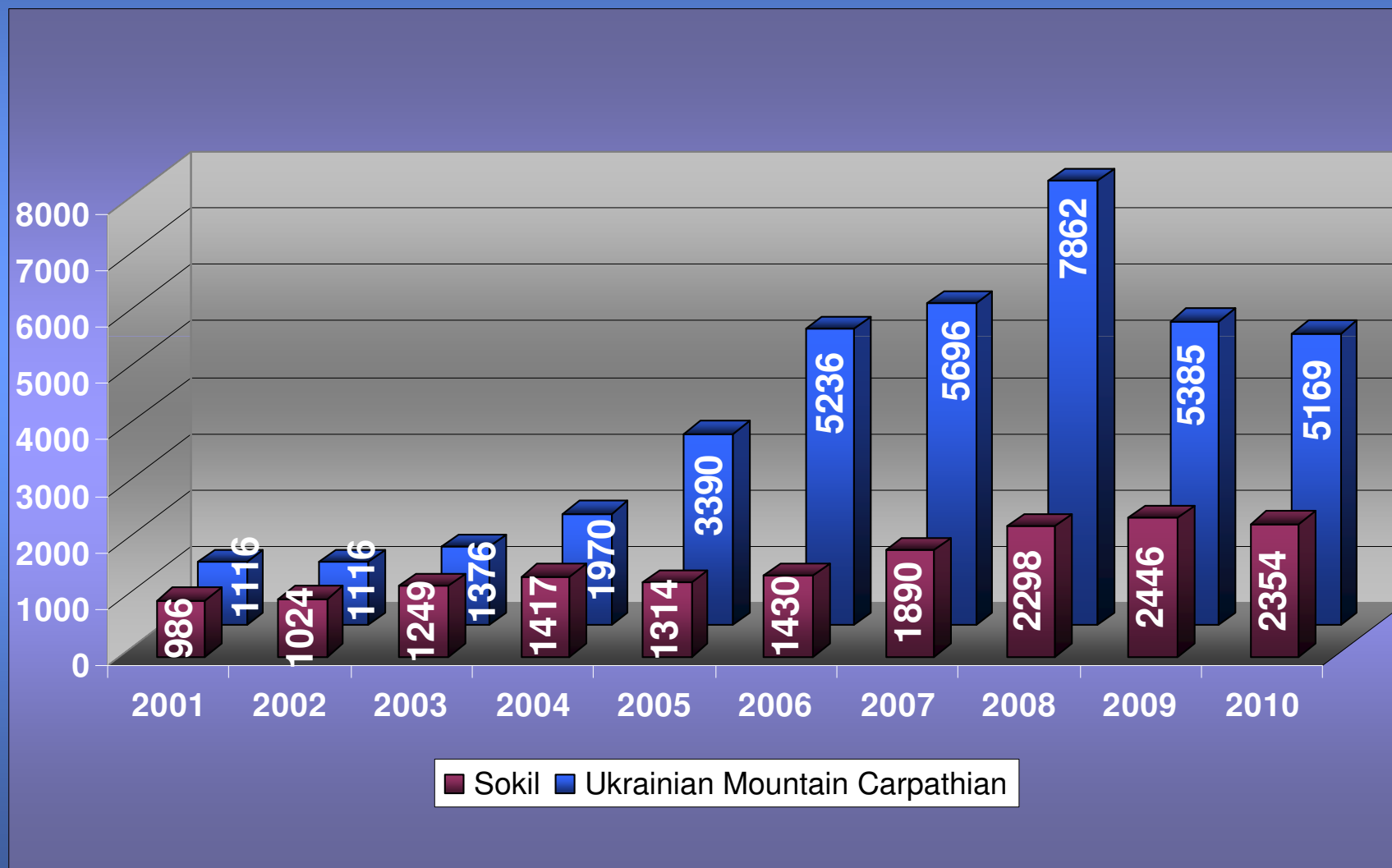
<i>Farm</i>	<i>Number of livestock</i>		
	<i>total, heads</i>	<i>male, heads</i>	<i>female, heads</i>
“Plemkonetsentr”, Transcarpathian region	85	5	30
“Zolota Pidkova”, Transcarpathian region	28	1	14
“Polonynske gospodarstvo”, Transcarpathian region	45	2	15
“Zarichya” in the west of Ukraine	15	2	10
“Varto” Ltd. in the west of Ukraine	16	2	10
<i>Total in Ukraine</i>	189	12	79

Askanian breed type of multifetus Karakul sheep



<i>Farm</i>	<i>Number of livestock</i>				
	<i>total, heads</i>	<i>male, heads</i>	<i>female, heads</i>	<i>young rams</i>	<i>ewe lambs</i>
“Markeevo” in the south of Ukraine	982	33	494	239	216
Agrofirma, named after Posmitnij in the south of Ukraine	1155	37	740	117	261

Population of endangered sheep breeds of Ukraine



Ukrainian Mountain Carpathian (Ukrajinska girskokarpatska)



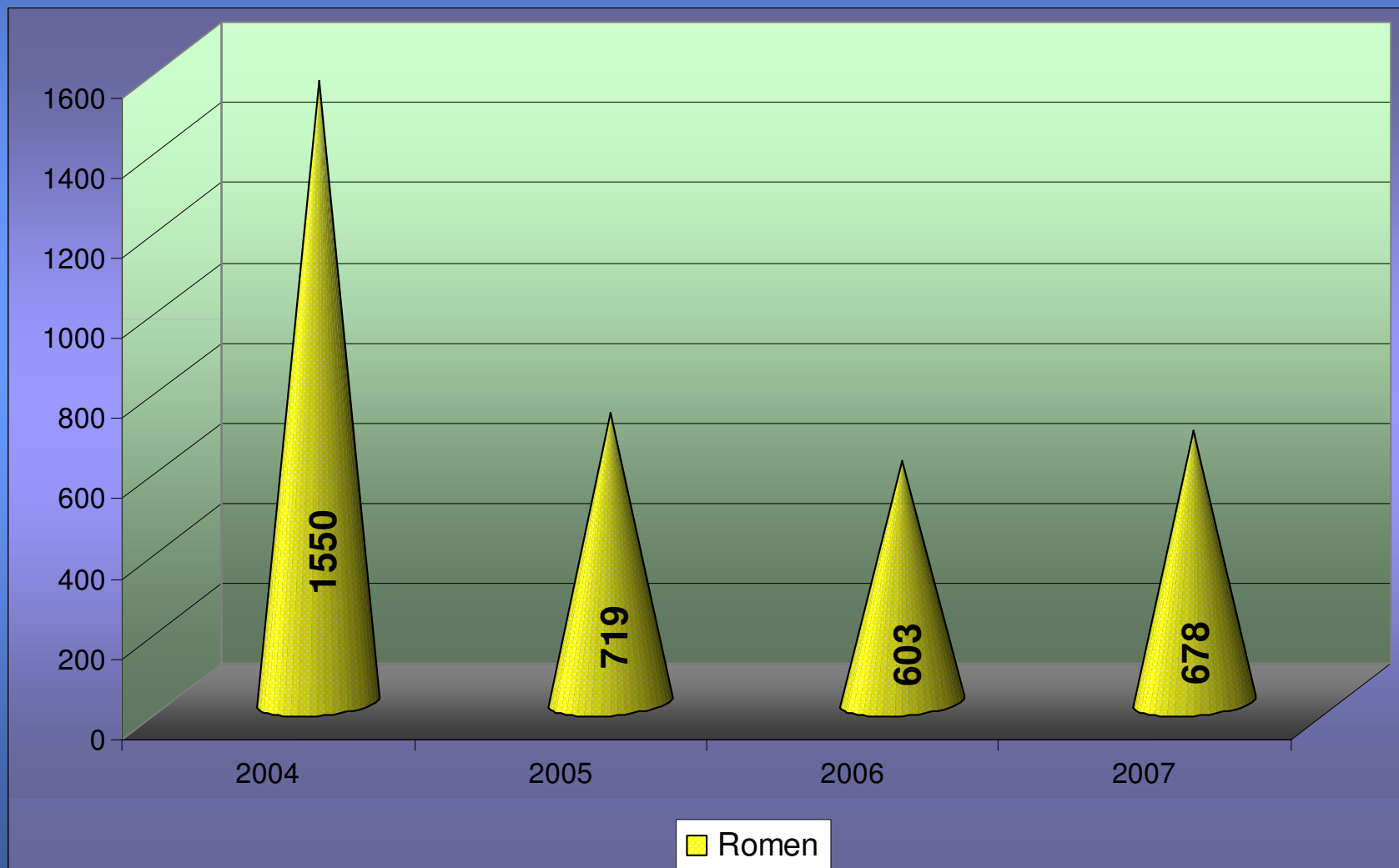
<i>Farm</i>	<i>Number of livestock</i>		
	<i>total, heads</i>	<i>male, heads</i>	<i>females, incl. ewe lamb</i>
“Saldobosh” in the west of Ukraine, Transcarpathian	1948	64	1270
“Zakarpatske roono”, Transcarpathian region	941	20	700
“Lavryshyn”, Transcarpathian region	611	20	540
“Tookoo” in the west of Ukraine	413	13	400
“Shuyan”, Transcarpathian region	400	20	380
“Fenix-S”, Transcarpathian region	206	15	181
“Plemkonetsentr”, Transcarpathian region	180	12	68
“Gorlitsa-Beef” in the west of Ukraine	139	12	125
“Topirets” in the west of Ukraine	115	12	103
“Grebin” in the west of Ukraine	112	12	100
“Prometej” in the west of Ukraine	104	12	45
<i>Total in Ukraine</i>	5169	212	3952

Sokilian, Sokil (Sokilska)

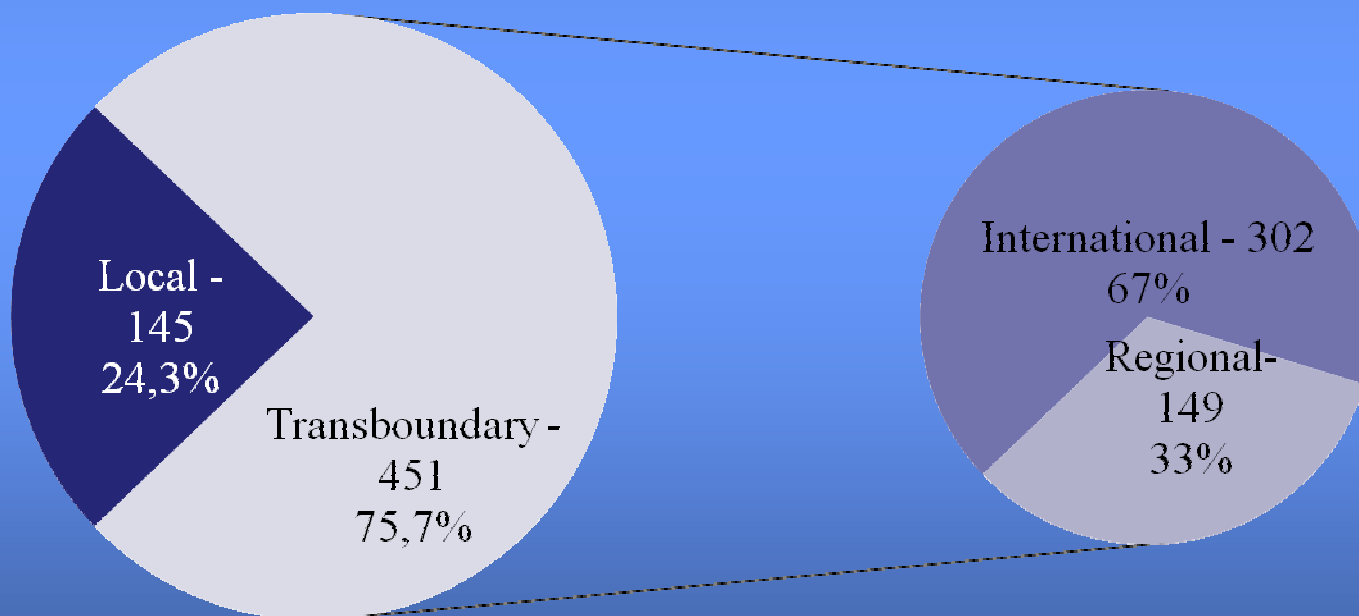


<i>Farm</i>	<i>Number of livestock</i>		
	<i>total, heads</i>	<i>male, heads</i>	<i>females, incl. ewe lamb</i>
“Zdobootok” in the central part of Ukraine	1794	50	1297
“Golosievo”Ltd., in the central part of Ukraine (Kiev region)	214	14	100
“Radyanskij” in the central part of Ukraine	261	4	207
“Gontarivka” in the southeast of Ukraine	85	5	55
<i>Total in Ukraine</i>	2354	73	1659

Population of endangered geese breeds of Ukraine



Distribution of local and transboundary animal genetic resources in Ukraine



Distribution of Ukrainian breeds according risk status

1. Extinct – in 4 breeds of horses and pigs, in 3 of cattle breeds (including Red Ukrainian Whiteheaded) and sheep and 2 breeds of goat
2. Endangered animal genetic resources :
 - cattle – Grey Ukrainian, Ukrainian Whiteheaded, Brown Carpathian, Lebedyn;
 - pigs – Myrgorod, Ukrainian Steppe White, Ukrainian Steppe Spotted;
 - sheep – Sokil, Ukrainian Mountain Carpathian;
 - horses – Gootsool;
 - chicken – Ukrainian Aural, Poltavian Clayey;
 - geese – Romen, Obroshyn;
 - ducks – Grey, Whitechest, Clayey.
3. Not at risk – 1/5 part of animal genetic resources
4. Unknown

Tools for description

Indices	Available information	Needed information

Thank you for attention!