



Preliminary results of the questionnaires

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Association of Hungarian Grey Cattle Breeders

2nd workshop

***'Characterization of the indigenous and improved Podolic cattle breeds
and identification of threats for extinction in global challenges'***

ERFP project (2009-2011)

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Questionnaire related to the ERFP 2009 PROJECT

The name of your breed (English and local name):

1. What do you know about the origin of name of the breed group
“Podolic cattle”?

What breeds do you think belong to the Podolic cattle group?

What do you think is common in the Podolic cattle breed group?

2. Characterization: (phenotype, genotype of your breed)

conformation:

colour:

production data.

endangeredness:

genetic comparison of DNA (data of previously performed
studies, if any)

population size in 1900 -1950 - 2000 – 2009 (cows and total):

Please attach actual photos of bull, cow, calf and herd!

3. History of the breed

literature data:

Please attach archive pictures, if you have any!

4. Portrait of the breeders

traditions:

customs:

stories:

products, tools of herdsman:

Please attach photos!

5. Utilization

milk - beef - work

production systems:

6. Breeding programs

improving

conservation

7. Economy

local products:

marketing:

subsidies:

Origin

- **Podolia region in Ukraine**
- **Turned to be incorrect!**
- **Group is present in the Mediterranean region up to Podolia**
- **Migration to north or to south (evidence: only in Egypt)**



Breeds belonging to the group



Hungary	Italy	Serbia	Turkey
<ul style="list-style-type: none">– Razza Maremmana (Italy)– Katerini (Greece)– Podolsko Govece (Serbia)– Boskarin (Albania)– Slavosky Podolac (Croatia)– Hungarian Grey (Hungary, Austria, Slovakia, Romania)– Razza Podolica (Italy)– Sura de Stepa (Romania)– Ukrainian Gres (Ukraine)– Iskar (Bulgaria)– Istriana (Croatia)– Sykia (Greece)– Boz Irk (Turkey)– Romagnola (Italy)– Marchigiana (Italy)	<ul style="list-style-type: none">– Chianina– Calvana– Garfagnina– Marchigia– Modenese– Piedmont	<ul style="list-style-type: none">– Hungarian Grey (Hungary, Austria, Slovakia, Romania)– Sura de Stepa (Romania)– Ukrainian Gres (Ukraine)– Iskar (Bulgaria)– Istriana (Croatia)– Maremman (Italy)– Razza Podolica (Italy)– Romagnola (Italy)	<ul style="list-style-type: none">– Hungarian Grey– Maremman(Italy)– Iskar (Bulgaria)– Boz Irk (Turkey)



Common features of the group

- **Grey coat colour**
- **Sexual dimorphism (coat colour)**
- **Reddish born calves**
- **Circle form section of horns**
- **Good working ability**
- **Resistance against diseases**
- **Good acclimatization and adaptation to harsh environment.**
- **Constitutional toughness**
- **Wantlessness and good compensation ability**



Characterization



- **Conformation**

- **Production:**

- milk production : poor
- meat production: yields vary according to production system
- fertility: good
- mothering ability: good
- grazing ability: excellent
- longevity
- easy calving



Endangeredness



Hungarian Grey	Podolica	Hungarian Grey (Serbia)	Boz Irk Turkey
Population size: 7500 cows	Endangered (Ne: 100-1000)	Population size: 255 breeding animals in 8 farms	Population size \approx 5300 breeding animals

Breeders, traditions



Hungary	Italy	Serbia	Turkey
<ul style="list-style-type: none"> National parks, small holders, great entrepreneurs 	<ul style="list-style-type: none"> Small, medium, big holders 	<ul style="list-style-type: none"> Small holders 	<ul style="list-style-type: none"> Small holders Medium, big holders
<p>Traditions</p> <ul style="list-style-type: none"> Herdsman ('gulyás') preserve old traditions! Traditional arts (carving) 	<p>Traditions</p> <ul style="list-style-type: none"> Use of heavy collars 		

Utilization/products



Hungary	Italy	Serbia	Turkey
<ul style="list-style-type: none"> - No milking - Extensive beef breeding - Draught animals only for exhibitions, celebrations - Beef products 	<ul style="list-style-type: none"> - Milk - Meat - Draught power - 'Podolian Caciocavallo' cheese - Manteca cheese - 'POD' (Podolian beef of Southern Italy' mark) 	<ul style="list-style-type: none"> - Meat 	<ul style="list-style-type: none"> - Difficult to milk ('no milk in the absence of calf) - Meat

Breeding goal

Hungary	Italy	Serbia	Turkey
<p>–Conservation of valuable genetic resources</p> <p>Traits to be improved:</p> <ul style="list-style-type: none">–Fertility–Weaning weight	<p>–Conservation of valuable genetic resources</p> <ul style="list-style-type: none">–Good adaptability to harsh environmental conditions–Easiness of birth–Vitality–Milk yield <p>Improving:</p> <ul style="list-style-type: none">–Maternal attitude–Maintaining rusticity–Meat production–Slaughter yield	<p>–Conservation of valuable genetic resources</p>	<p>–Conservation of valuable genetic resources</p>

THANK YOU FOR YOUR ATTANTION!

