

A part of 5th national report

**STRATEGIC PLAN FOR BIODIVERSITY
2011-2020 AND THE AICHI
BIODIVERSITY TARGETS**

“Living in harmony with nature”

Minsk, 20-24.01.2014

Target 11: By 2020, at least 17 per cent of terrestrial and inland water areas, and 10 per cent of coastal and marine areas, especially areas of particular importance for biodiversity and ecosystem services, are conserved through effectively and equitably managed, ecologically representative and well connected systems of protected areas and other effective area-based conservation measures, and integrated into the wider landscapes and seascapes.

National Ecological Network in Bulgaria

- **Protected areas – 5,3 %**
- **NATURA 2000 sites – total 34,4 %**

(It is one of the highest % in Europe)

<http://www.natura2000bg.org/natura/bg/index1.php>

<http://www.moew.government.bg/?show=top&cid=147>

<http://ope.moew.government.bg/en/projects/projectslist/cid/10>



A PILOT NETWORK OF SMALL PROTECTED SITES FOR PLANT SPECIES IN BULGARIA USING THE PLANT MICRORESERVE MODEL



Financing: European Programme for Environment *Life+* and MOEW



Participants: Institute of Biodiversity and Ecosystem Research, BAS
and MOEW



in collaboration with 14 RIEW and 26 municipal administrations

Aim of the project

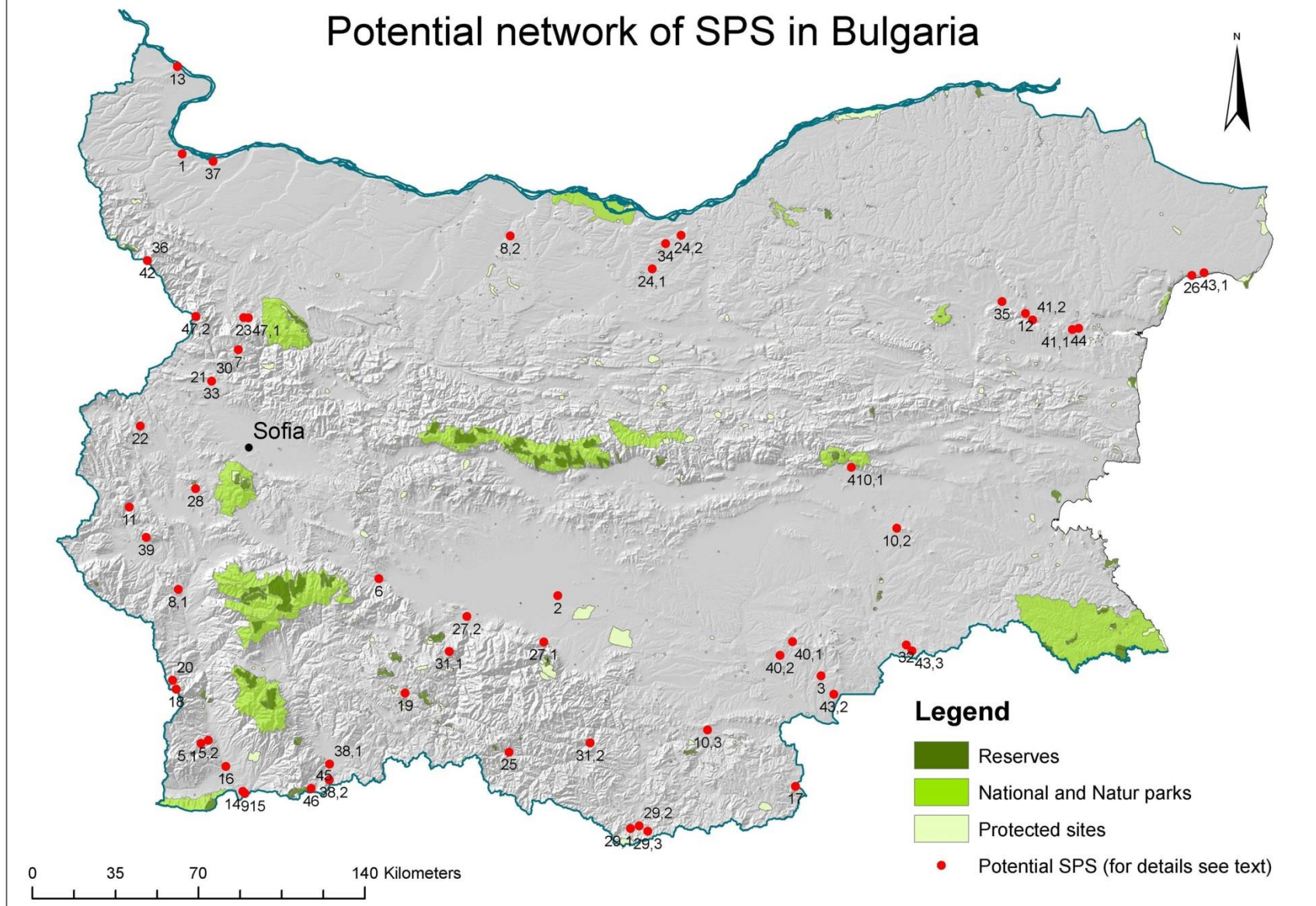
Establish a network of Plant Microreserves for protection of plant species of high conservation value with single and strongly fragmented populations situated outside protected areas

Project Objects: 47 plant species of high conservation value
in 56 localities on the throughout the country

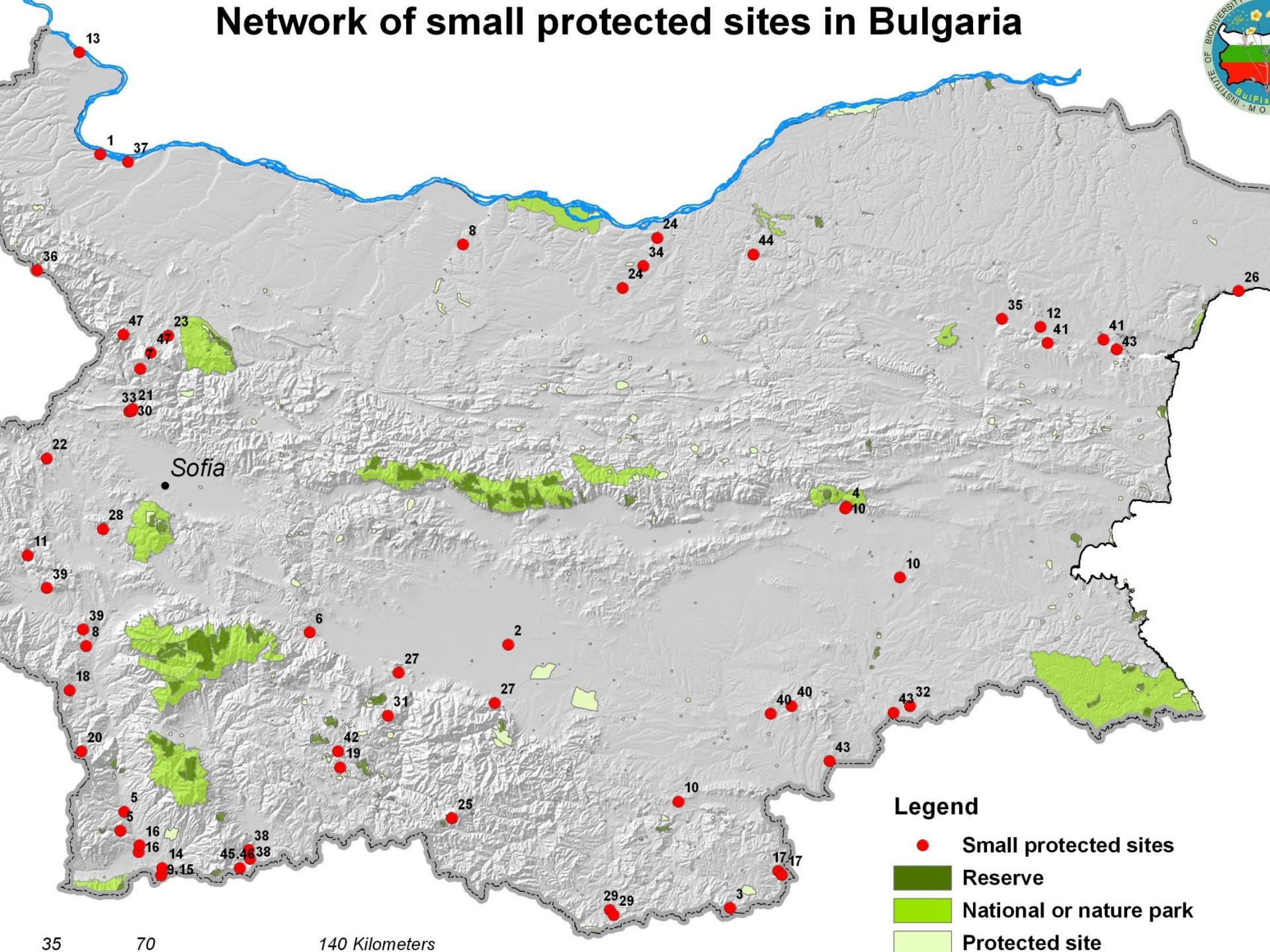
Expected result: 56 small protected sites declared



Potential network of SPS in Bulgaria



Network of small protected sites in Bulgaria



Legend

- Small protected sites
- Reserve
- National or nature park
- Protected site

35

70

140 Kilometers

Expected results of the project are:

Creation of a model network of SPS to protect the populations of 47 plants of European and national conservation importance;

Legal designation of 56 SPS;

***In situ* conservation of species with single populations that are situated outside existing PA applying the concept of PMR;**

Building a database for the enlargement and future sustainable management of the network of SPS;

Establishment of *ex situ* collection of species, which populations need external support to survive and reach stable numbers and functionality;

Set up the conditions for the extension and functionality of the network in a Strategy for the sustainable development of SPS, and by collaboration, training and involvement of target groups (experts from 14 local structures of MOEW, local forestry units, NGO-s, etc.) from 20 districts on which territory the network of SPS will be built;

Increased awareness and engagement of local people, stakeholders, experts, etc.

BEST PRACTICES



In methodological aspects

- ✓ The Plant Microreserve concept – a suitable model for the Bulgarian flora
- ✓ Visits of prof. Laguna's team to Bulgaria and sharing of the Spanish experience
- ✓ Visit of the Bulgarian team to Valencia, Spain, to study their experience *in situ*
- ✓ Exchange visits with the colleagues from Cyprus for participation in joint workshop and field trip, and exchange of experience
- ✓ Selection of Council of Experts to evaluate the results

In logistic aspects

- ✓ The partnership with MOEW in the project – direct impact on the progress and the quality of the project
- ✓ Close relations with the Regional inspectorates of MOEW
- ✓ The relations with local municipalities, ecologists, volunteers, etc.
- ✓ Our network is a part of the European network for plant protection



In public aspects

- ✓ Delivering lectures to students
- ✓ Providing of information in mass media, newspapers, TV, Web page etc.
- ✓ Preparation of information boards about the target species – in front of the municipalities
- ✓ Preparation of information materials – posters, brochures, calendar for 2013, book, video, etc.
- ✓ Relations with local guides for orientation on the place – two effects: easy approach and popularity

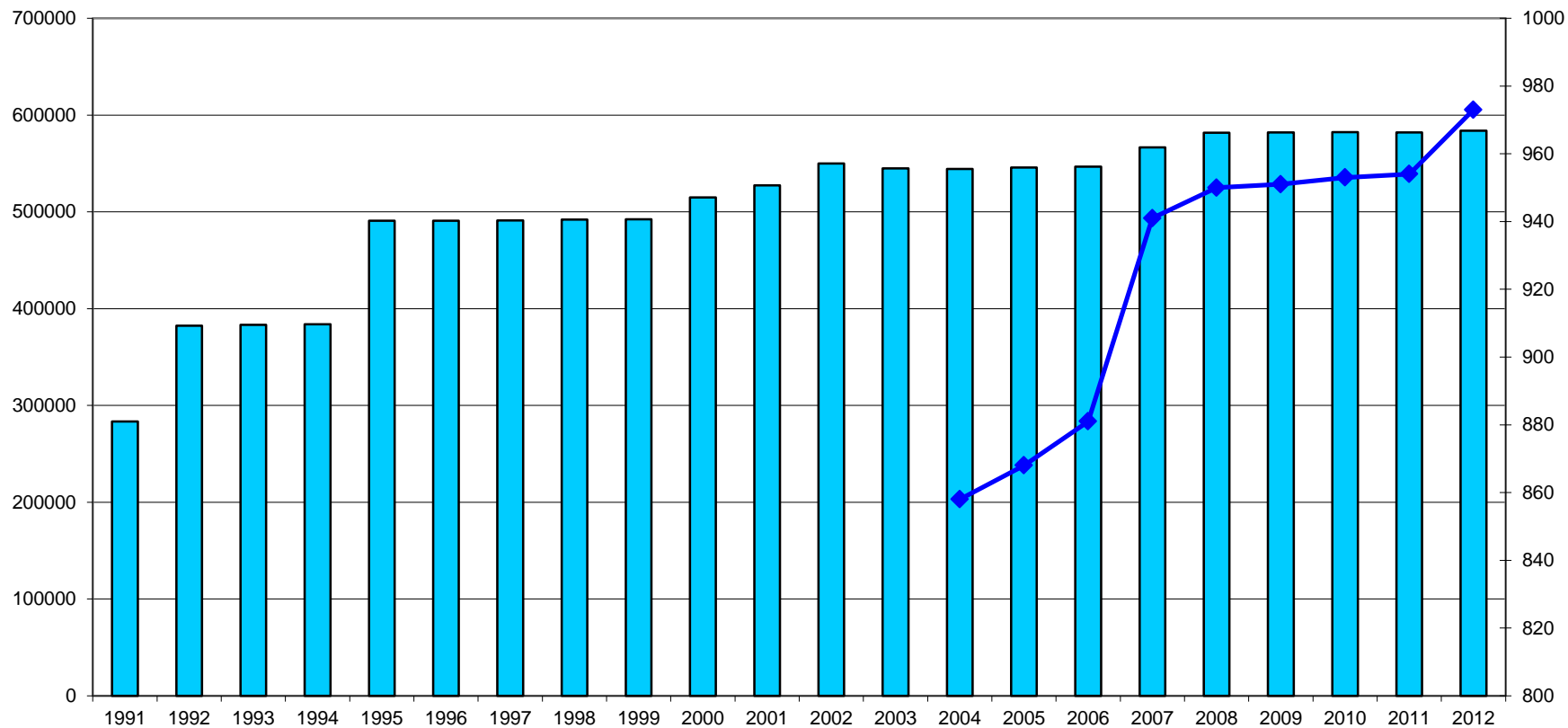


In scientific aspects

- ✓ Participation in national and international events
- ✓ Publication of scientific articles

Apea, ha

Numbers



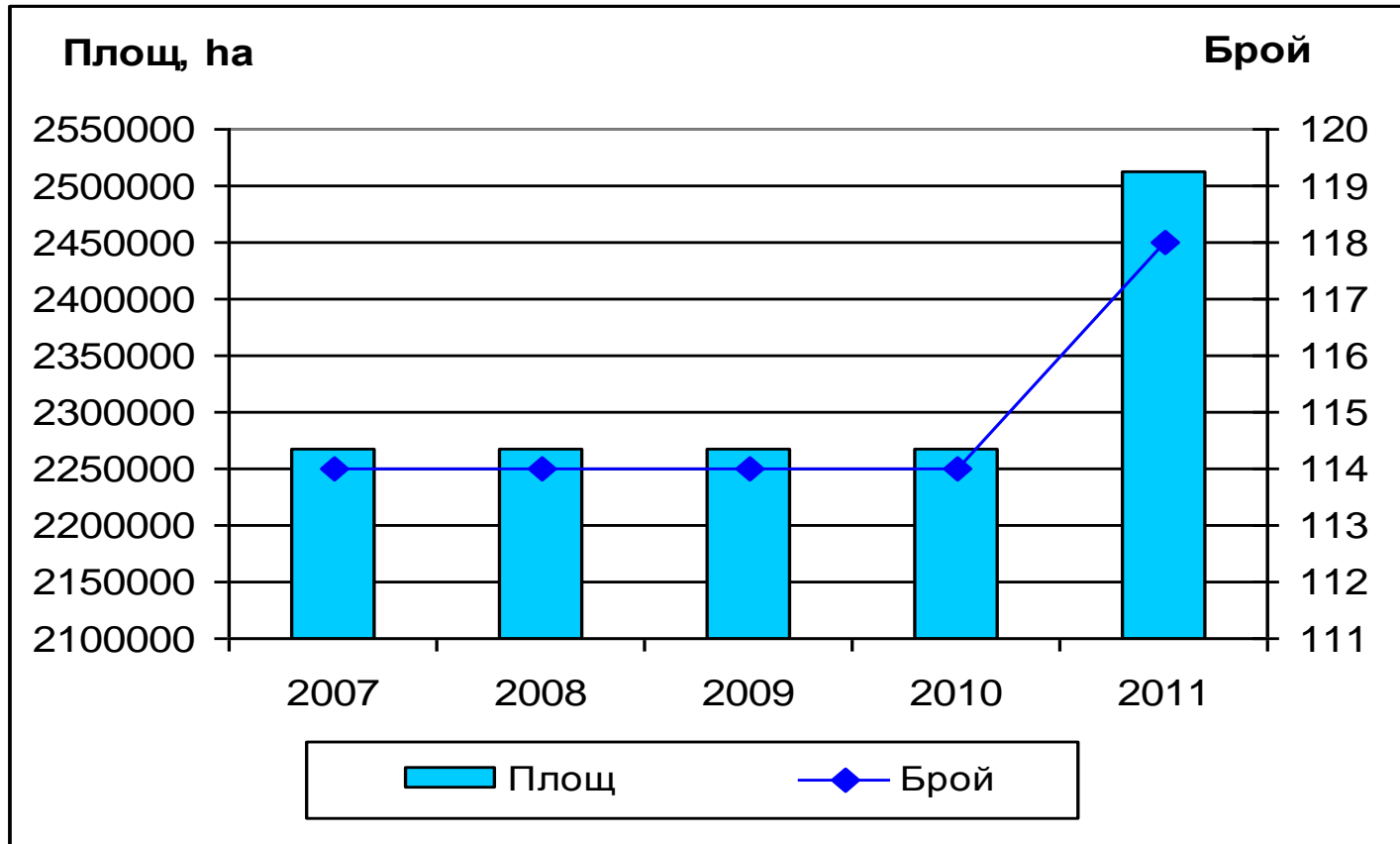
Площ Брой

	1995	490746	
	1996	490840	
	1997	491219	
	1998	492154	
	1999	492310	
	2000	514864	
	2001	527418	
	2002	549927	
	2003	545004	
	2004	544394.9	858
	2005	545724.2	868
	2006	546785.3	881
	2007	566701.2	941
	2008	581736	950
	2009	582076.3	951
	2010	582458.1	953
	2011	582122.2	954
	2012	583876.3	973
	2013	584606.8	1010

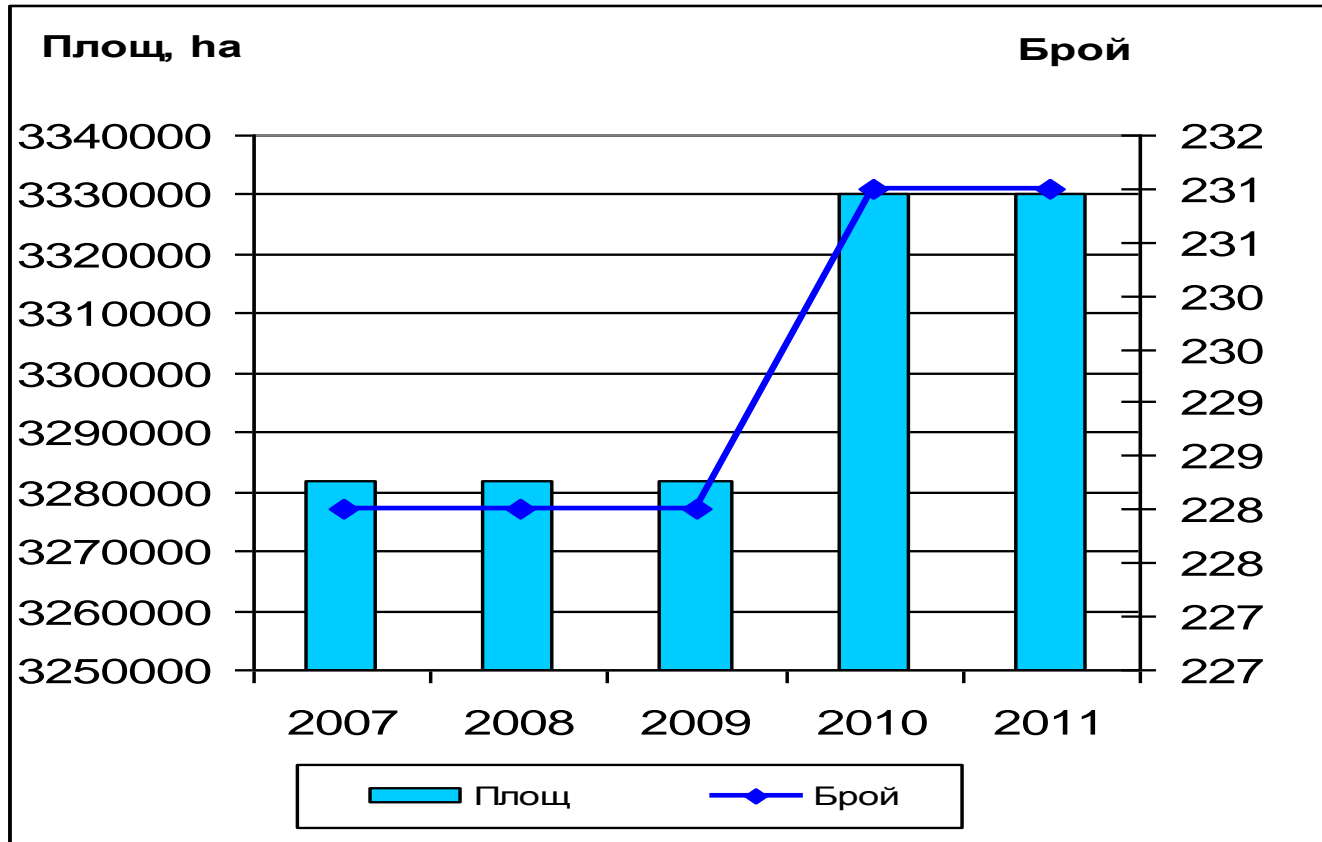
NATURA 2000

	Numbers 33	Area (ha)	Territory [ha]	Black Sea aquatory [km ²]	% from the national territory
Protected sites habitats	233	3 574 205	3 326 481	2477.24	30 %
Protected sites birds	119	2 578 151	2 523 679	544.72	22.7%

Change in the number and size of protected areas designated under the Birds Directive for the period 2007-2011, ha



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Thank you!

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