

Golden Jackal expansion in Bulgaria

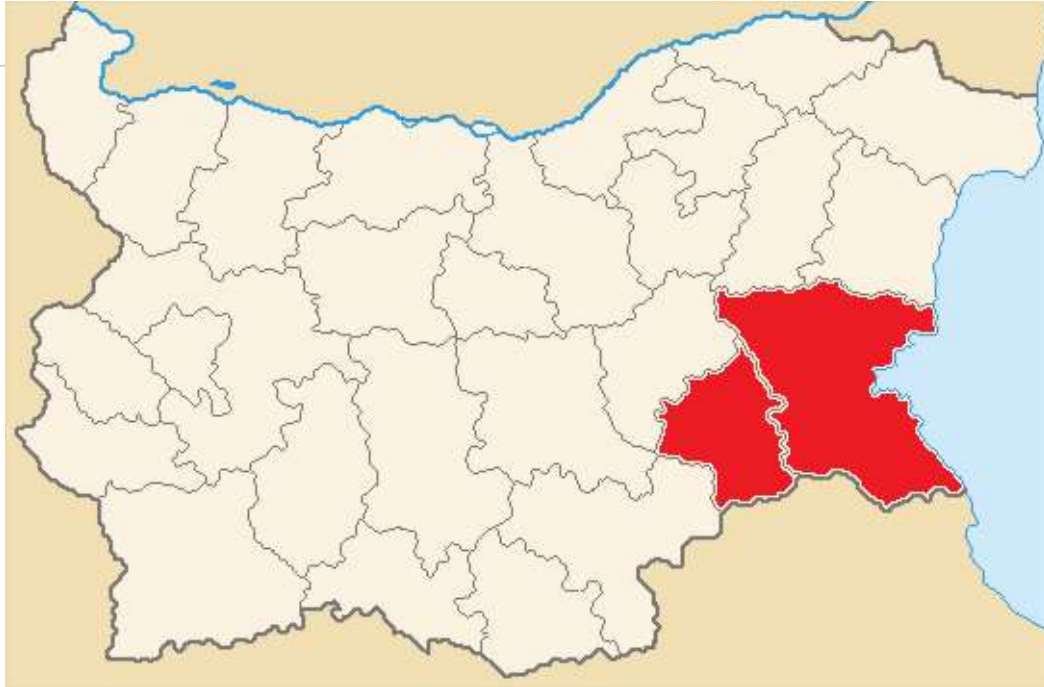


CIC Coordination Forum Meeting

Prepared by: **UNION OF HUNTERS AND ANGLERS IN BULGARIA**

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Until the early 1960s, the jackal occupied only in the region of Strandzha Mountain, in the Southeastern part of the country. (Markov 2012):



 presence of jackal until 1960s

Main reasons for jackal expansion through the country:

- In 1962 the jackal has been declared as a protected specie due to its reduced number and limited dispersion at this time. Jackal remains protected more than 20 years.
- The large amount of available food provided by intensive development of the hunting industry in the country during this period;
- Intensive development of livestock breeding in the region of South and Southeastern Bulgaria;
- Accessible food available in multiple unregulated landfills;
- Incorrect disposal of carcasses and other waste of animal origin;





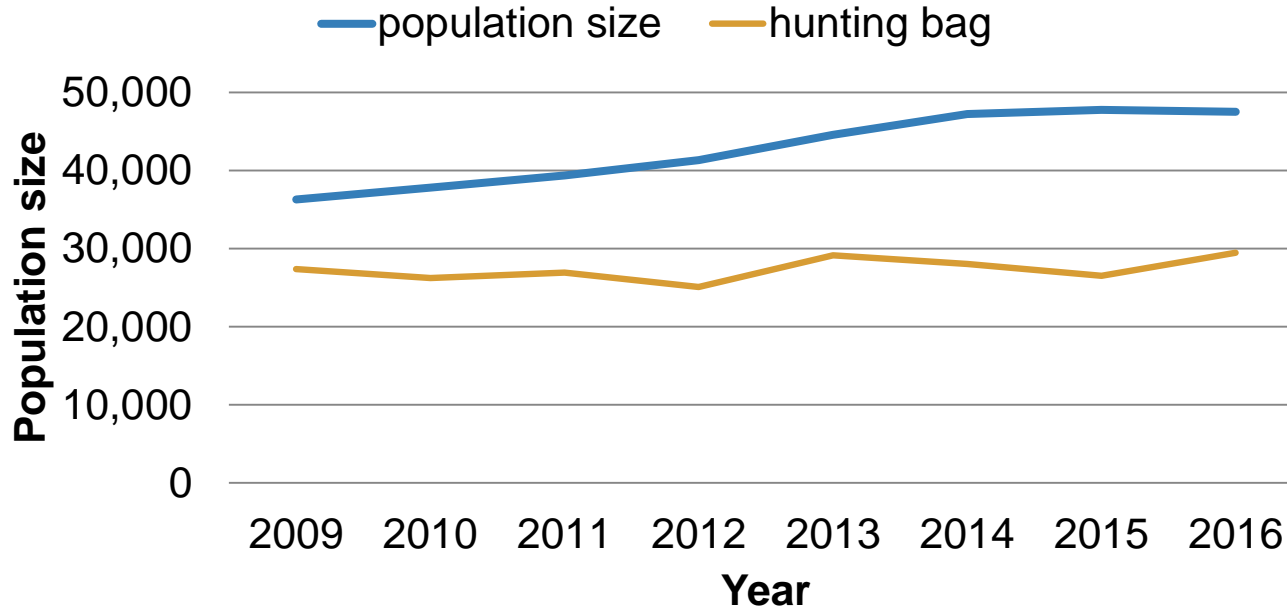


Jackal population in Bulgaria

- Population size – 47 500 individuals (2016)
- Hunting bag – 29 500 individuals (2016)
- Population growth - 31% for 8 years (nearly 4% per year)

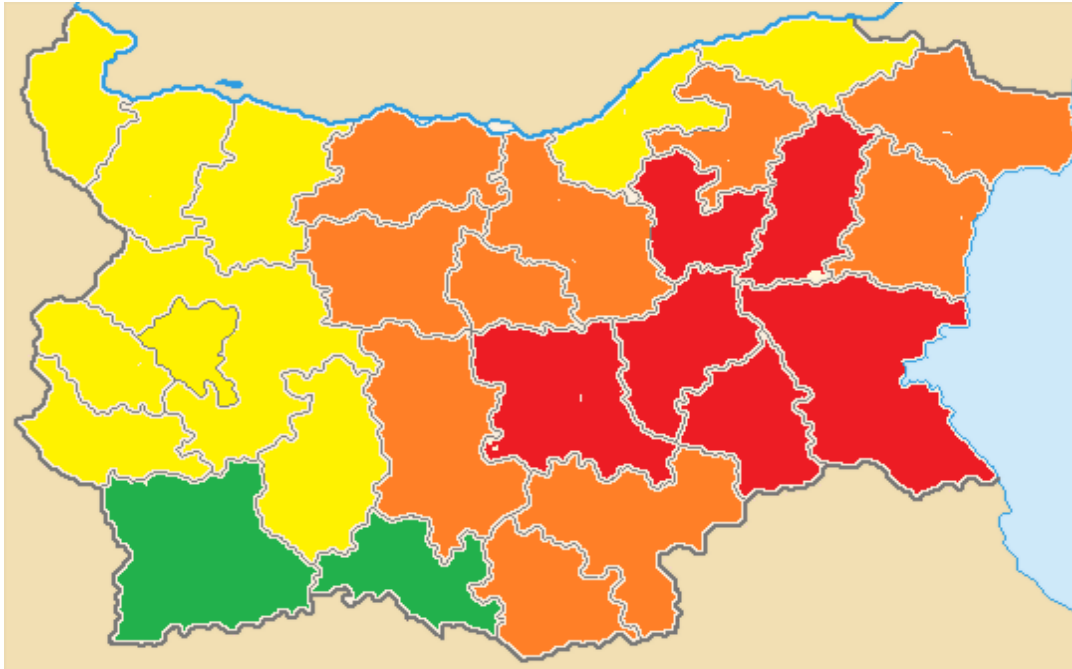
European hare (*Lepus europaeus*) population size is 310 000 and the hunting bag is only 7 000 individuals.

Population dynamics in Bulgaria





Jackal distribution in Bulgaria



Jackals per 100 ha	
Green	0,00 - 0,10
Yellow	0,11 - 0,30
Orange	0,31 - 0,60
Red	0,61 - 1,43



Link between the number of golden jackal and hare (*Lepus europaeus*) in Bulgaria

- The research is based on data related to the number of jackals and hares which was collected by all hunting associations part of the Union of Hunters and Anglers in Bulgaria. The research spans an area of 84 533 sq. km.

Number of jackals per 100 ha	Number of hares per 100 ha
0,00 - 0,10	4,64 - 5,00; Avarege - 4,86
0,11 - 0,30	2,10 - 5,31; Avarege - 3,97
0,31 - 0,60	2,90 - 4,30; Avarege - 3,41
0,61 - 1,43	3,19 - 3,34; Avarege - 3,27



Legislative regulations for Golden jackal hunting in Bulgaria

- ◉ Individual hunting of jackal is permitted all over the year and even at night;
- ◉ The maximum number of active permits issued for individual hunting is 3 per 500 hectares;
- ◉ Driven hunt of jackals is permitted from 1st of January until the end of February but only in the presence of forester officials and outside forest territory;
- ◉ It is allowed to shoot a jackal while hunting for any other game species;
- ◉ It is allowed to use selective traps.





Problems

- **Hunters are not motivated to hunt jackals;**
 - **The government policy is to create unnecessary and non-regulated obstacles for the hunters:**
 - *Permits for individual hunt are allowed only to those hunters who have registered places with disposed carcasses and/or animal parts in order to attract carnivores.*
 - *The presence of forester officials during the driven hunt for jackal is required and obligatory. In most cases, the presence of officials during the hunt is deliberately not assured by the forestry. Thus, the number of hunting trips is significantly reduced.*



**Thank you for
your attention!**
