

Dimitriev A. 2008. Demonstration of the marmots' reproduction in the Batyrevskiy colony. In Abstracts of the VI marmot meeting, *Marmots in a changing world*, 30.

On the Batyrevskiy relict colony which since 2000 has become as protected are being made regular scientific researches. Since 1996 has been stopped the regular pasturage of cattle. Since 2000 the controlled pasturage is taking place only after the ripening of the seeds steppe plants. The marmots from the hibernation go out on the 02.03- 15.04 and in the anomalous winter 2002 went out in the middle of the winter twice: 11.01, and 13.02. The little marmots (children) appear on the day surface on the 21-31 of May. The demonstration of the marmot's reproduction while the continuation of the reserve routine a little went down, but the colony exists in the stable routine.

Demonstration of the marmots' reproduction in the Batyrevskiy colony.

Observation years	date of the marmots' (children) appearance on the earth surface	Period of appearance after the winter hibernation	Greatest number of the marmots in the moment of observation		Number of marmots in the family
			Adult marmots	Little marmots (children)	
2001	21.05	10 – 15.04	47	23	4 - 5
2002	23.05	11 – 14.01; 13-17.02; 02 – 04.03; 11 – 24.03	33	26	4 - 6
2003	20.05	31.03 – 04.04	31	26	3 - 8
2004	27.05	15.03 – 08.04	47	10	5
2005	31.05	06 – 09.04	42	11	3 - 5
2006	28.05	31.03 – 06.04	38	20	2 - 4
2007	30.05	21.03 – 25.03	39	10	2 - 3
Average data	25-26.0.5	11.03	39	18	3 - 5